Middle Georgia College
General Catalog

A State College Unit of the University System of Georgia

July 2007 BULLETIN No. 73

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Announcements for the Academic Years

2007-2009

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Academic Calendar 2007-2009

FALL 2007

Fall Full Session 2007

M, August 13	New Faculty Orientation
T, August 14	Fall Kickoff (Faculty and Staff)
W & F August 15 & 17	Faculty Development
Th, August 16	Dublin Registration
Sat, August 18	Saturday Classes Begin
Sun, August 19	Move In Day
M, August 20	Cochran and Eastman Registration
T, August 21	Classes Begin
M, August 27	Last Day for Drop/Add and Late Registration
M, September 3	Labor Day (Holiday)
F, October 12	Mid-Term (Last day to drop without penalty)
F, November 16	Early Registration Begins (Classes held)
M-T, November 19-20	Early Registration continues
W, November 21	No Classes
Th-F, November 22-23	Thanksgiving Holidays
Sat, December 8	Saturday Classes Final Exams
M, December 10	Classes End
T-M, December 11-17	Final Exams
T, Dec.18-Sun, Jan. 6, 2008	Winter Break

Fall Session I 2007 (Classes meet M, T, W, Th)

Th, August 16	Dublin Registration
Sun, August 19	Move In Day
M, August 20	Cochran and Eastman Registration
T, August 21	Classes Begin
M, August 27	Last Day for Drop/Add and Late Registration
M, September 3	Labor Day (Holiday)
F, September 21	Mid-Term (Last day to drop without penalty)
T, October 9	Classes End
W & Th, October 10 & 11	Final Exams

Fall Session II 2007 (Classes meet M, T, W, Th)

W & Th, October 10 & 11	Registration (all campuses)
M, October 15	Classes Begin
W, October 17	Last Day for Drop/Add and Late Registration
Th, November 15	Mid-Term (Last day to drop without penalty)
F, November 16	Early Registration Begins (Classes held)
M-T, November 19-20	Early Registration continues
W, November 21	No Classes
Th-F, November 22-23	Thanksgiving Holidays
M, December 10	Classes End
T-W, December 11-12	Final Exams
T, Dec.18-Sun, Jan. 6, 2008	Winter Break

SPRING 2008

Spring Full Session 2008

M, January 7	Dublin and Eastman Registration
M, January 7	Move In Day
T, January 8	Cochran Registration
W, January 9	Classes Begin
Sat, January 12	Saturday Classes Begin
T, January 15	Last Day for Drop/Add and Late Registration
M, January 21	Martin Luther King Day (Holiday)
M, March 3	Mid-Term (Last day to drop without penalty)
M-F, March 17-21	Spring Break
Th, March 27	Honors Day
F, April 11	Early Registration Begins (Classes held)
M-T, April 14-15	Early Registration continues
W, April 30	Classes End
Th-W, May 1-7	Final Exams
Sat, May 3	Saturday Classes Final Exams
F, May 9	Commencement at 8:00 p.m.

Spring Session I 2008 (Classes meet M, T, W, Th)

M, January 7	Dublin and Eastman Registration
M, January 7	Move In Day
T, January 8	Cochran Registration
W, January 9	Classes Begin
T, January 15	Last Day for Drop/Add and Late Registration
M, January 21	Martin Luther King Day (Holiday)
F, February 8	Mid-Term (Last day to drop without penalty)
T, February 26	Classes End
W & Th, February 27 & 28	Final Exams

Spring Session II 2008 (Classes meet M, T, W, Th)

W & Th, February 27 & 28	Registration (all campuses)
M, March 3	Classes Begin
W, March 5	Last Day for Drop/Add and Late Registration
M-F, March 17-21	Spring Break
Th, March 27	Honors Day
Th, April 3	Mid-Term (Last day to drop without penalty)
F, April 11	Early Registration Begins (Classes held)
M-T, April 14-15	Early Registration continues
W, April 30	Classes End
Th-M, May 1-5	Final Exams
F, May 9	Commencement at 8:00 p.m.

SUMMER 2008

Summer Full Session 2008
(125 minutes of class time with MW & TTh classes)

Sun, May 18	Move in Day
M, May 19	Registration (all campuses)
T, May 20	Classes Begin
W, May 21	Last day for drop/add and late registration
M, May 26	Memorial Day (Holiday)
Th, June 19	Mid-Term
F, July 4	Independence Day (Holiday)
W, July 23	Classes End
Th, July 24	T-Th Final Exams
F, July 25	M-W Final Exams

Summer I Session 2008
(105 minutes of class time daily with M-F classes)
(22 days of classes)

Sun, May 18	Move in Day
M, May 19	Registration (all campuses)
T, May 20	Classes Begin
W, May 21	Last day for drop/add and late registration
M, May 26	Memorial Day (Holiday)
W, June 4	Mid-Term
Th, June 19	Classes End
F, June 20	Final Exams

Summer II Session 2008
(105 minutes of class time daily with M-F classes)
(22 days of classes)

M, June 23	Move In Day and Registration (all campuses)
T, June 24	Classes Begin
W, June 25	Last day for drop/add and late registration
F, July 4	Independence Day (Holiday)
W, July 9	Mid-Term
Th, July 24	Classes End
F, July 25	Final Exams

FALL 2008

Fall Full Session 2008

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W & F August 13 & 15	Faculty Development
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M, September 1	Labor Day (Holiday)
F, October 10	Mid-Term (Last day to drop without penalty)
F, November 21	Early Registration Begins (Classes held)
M-T, November 24-25	Early Registration continues
W, November 26	No Classes
Th-F, November 27-28	Thanksgiving Holidays
Sat, December 6	Saturday Classes Final Exams
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M, January 19	Martin Luther King Day (Holiday)
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General Information

Middle Georgia College is a state college unit of the University System of Georgia accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Associate of Arts degree, Associate of Science degree, Associate of Applied Science degree, and select Bachelor of Science degrees. The college offers a wide range of programs of study designed for transfer to four-year institutions and others designed to prepare the student for entry directly into business, industry, and other careers. The academic programs of the college meet the requirements of the Core curriculum, as approved by the University System of Georgia, to facilitate the transfer of credits to the four-year institution of the student's choice.

Middle Georgia College is the agent of record for the Dublin Center of the University System of Georgia. The center is a cooperative endeavor between Middle Georgia College and Georgia Southern University, offering selected higher education programs, courses and services from the freshman level through the master's degree. The Georgia Aviation campus (formerly the Georgia Aviation and Technical College), located in Eastman, became a part of Middle Georgia College on July 1, 2007. That campus offers several aviation technical certificates and Associate of Applied Science degrees.

Students enroll at Middle Georgia College from throughout Georgia, other states, and other countries.

Location

As its name indicated, Middle Georgia College is located almost exactly in the center of the state of Georgia. The 170-acre campus is on the edge of Cochran, a city with a population of over 5,000, forty miles south of Macon. Interstate highways 16 and 75 are a few minutes to the east and west of Cochran. The Dublin Center is located on approximately 48 acres in Dublin, 32 miles east of Cochran. The Georgia Aviation campus in Eastman sits on approximately 22 acres and is 17 miles south of Cochran.

History

Middle Georgia College had its beginning as a denominational institution, the College of the New Ebenezer Association. The association was composed largely of Baptist churches in Pulaski, Dodge, Laurens, and Telfair counties.

The establishment of the institution was authorized by the association on October 20, 1884. The first building was constructed during 1885 and 1886. Instruction began on January 10, 1887, with approximately a hundred students, most of whom were from the middle Georgia area.

During the early period, the institution was divided into preparatory and collegiate departments. A stated purpose of the curriculum, as described in the catalog of 1887, was "to prepare pupils for business or for

the Junior Class in Universities. This includes Latin, Greek, Mathematics, Natural Science and several modern languages, with English studies and Music." Thus, the two-year college idea was among the primary intentions of the founders. On August 21, 1917, an agricultural and mechanical school for the Twelfth Congressional District was established to continue the educational services for the area on the same campus. This school was chartered as one of the branches of the Georgia State College of Agriculture and Mechanical Arts, a department of the University of Georgia.

On August 20, 1927, the Middle Georgia Agricultural and Mechanical Junior College was established. This, too, was a branch of the University of Georgia. The name was changed to Middle Georgia College, and the operation of the college was placed under a nine-man board of trustees on August 28, 1929.

Middle Georgia College was placed under the Board of Regents of the University System of Georgia, a constitutional body, as a separate unit of the University System on August 27, 1931. The Dublin Center was opened in Dublin in 1984.

The Georgia Aviation campus opened in January 1996 as a branch of the Heart of Georgia Technical Institute. On July 1, 2001, the Georgia Aviation and Technical College became a stand-alone technical college and merged with Middle Georgia College on July 1, 2007.

Mission and Goals

Middle Georgia College (MGC) is a state college unit of the University System of Georgia with a focus on providing constituents access to certificate, associate, and select baccalaureate programs in academic transfer or occupation related programs of study. The College is dedicated to providing a dynamic, learning-centered, caring and technically advanced environment of excellence. As a multi-campus, residential institution, the College pursues innovative opportunities to provide services to its traditional and non-traditional students primarily from rural areas of south central Georgia and will maintain a recognized legacy of affordable higher education and community support services of the highest quality. The College also serves as the only higher education institution of aviation for the State of Georgia.

The College's historic main campus in Cochran offers academic programs of study through the baccalaureate degree for commuting and residential students. The Institution's Georgia Aviation campus in Eastman provides aviation specific technical education for the State while supporting the main campus' Bachelor of Science in Aviation Management degree program. The Dublin Center provides educational opportunities for central Georgia commuting students. Selected certificate and associate degree programs, as well as additional advanced higher education

opportunities, are offered online and in collaboration with participating four-year institutions. In addition, MGC provides undergraduate education addressing the economic development needs of Georgia's heartland and the state's aviation industry.

To accomplish its mission, MGC commits to the following goals:

- Promoting a campus-wide commitment to student learning that is embedded in course and program design, teaching, achievement, and student development activities.
- Providing the highest quality classroom and/or advanced distance learning instruction that enriches and challenges learners in all programs at all levels.
- Creating a welcoming campus community that nurtures a culturally and ethnically diverse student body.
- Offering programs of excellence leading to certificates and associate degrees to prepare students for immediate employment and/or acceptance to baccalaureate degrees at Middle Georgia College or other colleges and universities.
- Offering a signature aviation program that is the only public curriculum in Georgia leading to select baccalaureate degrees in aviation management as well as certificate and associate programs in flight and aviation technology specialties which prepare students for immediate employment, careers, and further study in aviation.
- Providing the Georgia Academy of Mathematics, Engineering, and Sciences (GAMES) program which challenges gifted students to experience the rigors of higher education at an earlier entrance.
- Providing the support resources, services, and learning activities that enhance student learning, facilitate student success, and promote personal enrichment.
- Providing and supporting an adaptive, effective, and efficient human and physical infrastructure which maintains and supports the learning environment.

The College achieves these goals by offering the following programs and services:

1. Bachelor of Science in Aviation Management with options in Flight, Air Traffic Control, Airport Management, and Logistics.
2. College Transfer Programs leading to an associate degree prepare the student for entry into, and successful completion

of, a baccalaureate degree program at a senior college or university. Programs are offered in the humanities, sciences, social sciences, and pre-professional areas. The College's pre-engineering programs, including the Regents Engineering Transfer Program, have earned a statewide reputation for excellence.

3. Career Programs at the certificate and associate degree levels prepare students for employment immediately following graduation. A limited number of career programs, with emphasis in health sciences and nursing, are offered to meet the employment needs of area business and industry.
4. Aviation technical certificates and Associate of Applied Science degree programs.
5. General Education courses are an integral part of all transfer and career programs, providing students with the skills, knowledge, and attitudes necessary to be effective employees, consumers, and community members.
6. Learning Support Programs are provided for those students who need to improve their basic academic skills in order to succeed in the transfer or career program of their choice.
7. Student Support Services enhance student learning and provide a campus environment conducive to personal development. The unique nature of a residential two-year college provides students with tremendous opportunity for participation in a diverse campus life which supports academic, professional, social, athletic, and leadership development.
8. Community Service Programs support the economic and cultural development of the communities in middle Georgia, the personal and professional development of the citizens of these communities, and the overall quality of life in the area.

Middle Georgia College is committed to access and excellence in all of these programs and services. Access is promoted by offering courses and services at convenient times and locations, by maintaining affordable educational costs, and by utilizing an admissions policy that facilitates the inclusion of all who can benefit from the courses and programs offered. Excellence is fostered by providing a caring environment for students, a teaching faculty dedicated to student learning, small classes, state-of-the-art instructional technology, and a rigorous academic program which maintains high standards.

Accreditation and Membership

Middle Georgia College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate and select baccalaureate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033 or call 404-679-4500 for questions about the accreditation of Middle Georgia College. The nursing program is approved by the Georgia Board of Nursing and is accredited by the National League for Nursing. The occupational therapy assistant program is accredited by the Accreditation Council for Occupational Therapy Education.

Middle Georgia College is approved by the State Approving Agency (SAA), and students may receive their VA education benefits when enrolled in SAA-approved programs of study.

The college is a member of many national, regional, and state associations. These include:

Southern Association of Colleges and Schools
American Association of Community Colleges
American Council on Education
American Library Association
Council for the Advancement and Support of Education
National Association for Foreign Student Affairs
National Association of College Stores
American Occupational Therapy Association, Inc.
National League for Nursing
National Junior College Athletic Association
Southern Association of Colleges and Universities Business Officers
National Association of Colleges and Universities Business Officers
Southern Council for Collegiate Education in Nursing
University Aviation Association
Aviation Accreditation Board International
National Intercollegiate Aviation
Aircraft Owners and Pilots Association
Air Traffic Controllers Association
National Business Aircraft Association
American Association of Airport Executives
Georgia Airports Association
Georgia Aviation Trades Association
American Composite Manufacturers Association
Professional Aviation Maintenance Association

Servicemember Opportunity College

Middle Georgia College has been approved as a Servicemember Opportunity College (SOC). As such, it is one of the group of colleges and universities that provide voluntary postsecondary education to members

of the military services on duty throughout the world. As an SOC member, Middle Georgia College recognizes the unusual nature of the military life and has committed itself to easing the transfer of relevant course credits and providing flexible academic residency requirements.

Middle Georgia College has also been approved by the U.S. Army as a participating institution of the Concurrent Admissions Program (ConAP). Information about ConAP is available from the College and from Army recruiting offices.

Equal Employment and Educational Opportunities

Middle Georgia College is an Affirmative Action/Equal Employment and Educational Opportunity Institution. It is the policy of the college that no person be denied the opportunities of employment or be excluded from the participation in any programs or activities of this college because of race, color, creed, or national origin (as required by Title VII of the Civil Rights Act of 1964, Executive Orders #11246 & #11375 as amended), sex (as required by the 1972 Educational Amendments), physical disability (as required by the 1973 Rehabilitation Act & the 1990 Americans with Disabilities Act), or age in employment/educational policies and practices; provided that the employment/enrollment will not be hazardous to the appointee/student or endanger the health and safety of his fellow employees/students or others. The Coordinator of Human Resources presently serves as the Equal Employment Officer and the Affirmative Action Officer. The Registrar serves as the Title IX Coordinator. The Director of Student Services serves as the ADA Coordinator for both employees and students.

Also, any student who has been accepted for admission to Middle Georgia College and who has special needs concerning physical facilities, instructional methods, counseling, or other considerations because of a disability should make these needs known to the Director of Student Services. This notification should be made as soon as possible after the student receives his/her letter of acceptance from the Office of Admissions. (See admissions section of this catalog.)

Purpose of Catalog

This catalog is prepared for the convenience of faculty and students and is not to be construed as an official publication of the Board of Regents of the University System of Georgia. In case of any divergence from or conflict with the *Bylaws* or *Policies* of the Board of Regents, the official *Bylaws* and *Policies* of the Board of Regents shall prevail.

The statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and this institution. While substantial effort will be made to insure accuracy of the material stated herein, Middle Georgia College

reserves the right to change any provision listed in this catalog, including, but not limited to, the academic requirements for graduation and availability of courses and programs of study, without actual notice to individual students. Substantial effort will be made to keep students advised of such changes.

Information regarding academic requirements for graduation will be available in the offices of the Registrar and the chairs of academic divisions. It is the responsibility of each student to stay apprised of current graduation requirements for a degree program in which he or she is enrolled.

In the event that an administrative hearing officer or a court of record determines that "publications" issued by the college create a contractual or quasi-contractual relationship with any person, the amount of damages recoverable by the parties shall be limited to the amount of consideration paid by the person for the privilege of admission, enrollment, continued enrollment or other service rendered by the institution to such person. As used herein, the term "publications" (without limiting the generality of the normal meaning of the term) shall be deemed to include any and all written forms or other documents issued by the institution concerning applications for admission, enrollment, or continued enrollment; waivers of liability; consents to medical treatment; dormitory occupancy; and any and all other written forms, documents, letters or other materials issued by the college in furtherance of its educational mission.

Family Educational Rights and Privacy Act

Middle Georgia College complies with the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA). The student has the right to inspect and review his or her own educational records maintained by the institution and to challenge the content of such records on the grounds that they are inaccurate, misleading, or a violation of privacy and other rights. If the college is in violation of the FERPA, a student has the right to file a complaint with the U.S. Department of Education.

Copies of the Family Educational Rights and Privacy Act, interpretations of this act by the U.S. Office of Education, and the policies of Middle Georgia College concerning the application of the FERPA are available at the Office of the Registrar.

However, directory information may be disclosed without a student's consent unless the student has advised the Registrar in writing that he/she wishes to restrict access to this information. Directory information includes the student's name, address, telephone listing, e-mail address, major field of study, participation in officially recognized activities and sports, dates of attendance, degrees and awards received and the most recent previous educational agency or institution attended by the student.

When a student enrolls in a postsecondary institution such as Middle Georgia College, all rights afforded to a parent under FERPA transfer to the student. A parent who wishes to obtain information about a student's educational records should obtain the permission of the student. If this permission cannot be obtained, the parent(s) will be allowed access to this information upon providing tax returns which confirm the parent claims the student as a dependent for income-tax purposes. U.S. Office of Education guidelines concerning the rights of parents to inspect these records are available at http://www.ed.gov/policy/gen/guid/fpco/brochures/parents.html.

Buildings and Grounds

Middle Georgia College has campuses in Cochran, Dublin and Eastman. The main campus in Cochran covers approximately 170 acres with the campus' 30 primary buildings located in an area of approximately 60 acres. The remaining acreage is in woodlands and facilities for athletics and recreation. The Dublin Center covers approximately 49 acres with three primary buildings housing all campus functions. The Georgia Aviation Campus is located on approximately 22 acres of land and consists of two buildings.

On the Cochran campus, Dillard Hall is the math and sciences academic building and has physics, chemistry and biology labs. Russell Hall is an academic classroom building as well as home to the Peacock Art Gallery and a performing arts theatre. Walker Hall provides academic classrooms and a 350 seat auditorium. Whipple Hall provides classrooms and labs for the Nursing program. The Wellness Center houses classrooms for the nursing and sports medicine program as well as facilities for physical education classes. Academic classrooms are also available in the Athletic Training Facility, Memorial Hall, Morris Gymnasium and Roberts Library.

The Cochran campus athletic and recreational facilities include the Wellness Center; Stuckey Baseball Field; NeSmith Field; an outdoor swimming pool; lighted tennis courts; fields for softball and intramural activities; Morris Gymnasium; and the Athletics Training Facility which houses men's and women's sports.

Georgia Hall is the student center for the main campus and contains the Dining Hall, Bookstore, and Student Post Office. The Cochran Campus Student Activities office and Student Center are also located in Georgia Hall. The Dublin Center Student Government Association and Student Activities Offices are located in the Dublin Library building.

The Cochran campus is a residential campus. There are currently seven residential buildings available with three additional buildings anticipated to open in fall 2007. The residential facilities provide a range

of housing options including traditional dorms with single or double occupancy rooms with hallway baths, Historic dorms with single suites sharing a bath, a dorm with single suites sharing a bath, a dorm with double occupancy suites sharing a bath, and an apartment dorm with each apartment containing four bedrooms, two baths and a living space.

The Dublin Center has a main library building which provides classroom space as well as computer labs. The Dublin original building has academic classrooms and labs as well as the bookstore and Georgia Southern University offices. The Dublin Annex building provides classrooms and labs for the Nursing program as well as classrooms and a computer lab for other academic areas.

The Terry Coleman Center for Aviation and Technology is the main campus building at the Georgia Aviation Campus. It contains numerous offices, classrooms and teaching labs. The teaching labs contain a wide variety of aviation related training aids, up to and including complete aircraft, which provide an excellent training environment for aircraft structural and maintenance technology courses. There are several hangers that are used to house aircraft for protection from weather and for routine maintenance. Additionally the building contains two state-of-the-art flight training devices for a King Air and a Citation jet aircraft. The building was constructed in three phases that started in 1995 and was complete in 2005.

The W.S. Stuckey Terminal building, located approximately a quarter mile from the main campus building, is an active airport terminal/training facility. It houses state-of-the-art simulation equipment for the training for Air Traffic Controller candidates. This facility also houses an active air traffic control tower. The terminal building was completed in 2005.

The Georgia Aviation Campus has 20 fixed wing aircraft and two rotary wing aircraft. Additionally, a King Air aircraft is available for business aircraft training.

Roberts Memorial Library

The modern library building of contemporary classic design was greatly expanded and renovated in 1990-91. It seats 350 students, houses nearly 106,000 volumes, 640 periodicals (118 of which are active subscriptions), an audio-visual collection, and is easily accessible to persons with disabilities.

The main floor houses reading and reference areas, an audiovisual listening and viewing area, circulation center, special reserve area, multipurpose meeting room, display/exhibit room, special collection room containing a small Georgiana collection, and the future home of the Terry Coleman archives. Offices and the technical processing area complete this floor.

On the second floor are open books stacks, study rooms, microform room, college archives, and additional reading areas. Serials and bound periodicals are housed on this floor. A section for current literature in nursing and health sciences is in this area. A complete listing of our serials is located on the library's webpage.

The Library's catalog is accessible online from computers on either floor. Open access to the Internet and the World Wide Web is provided, and the Library is a participant in the GALILEO (Georgia Library Learning Online) project, which provides access to over 100 subscription databases in all fields of knowledge. The Library also has a World Wide Web page accessible at http://www.mgc.edu . All the computers also allow students to access their college provided e-mail accounts. In addition, all the computers are loaded with word-processing and other applications software used on the Middle Georgia College campuses.

The book collection is of a general nature, including materials in most fields of knowledge. The Library subscribes to over 350 periodicals, both scholarly and popular, and receives others as gifts. To enrich learning techniques and learning experiences, the Library has acquired a large collection of media materials including audio and video cassettes, microfilms, and other audiovisual formats. The Library also has copy machines, microform readers-printers, and laminating equipment.

The librarians work very closely with the College's classroom faculty and provide formal bibliographic instruction sessions as well as individualized reference assistance. Librarians also make themselves available to work with local community groups who desire presentations on information resources.

The Library opens at 8:00 a.m. Monday through Friday and at 6:00 p.m. on Sunday. Closing hours are 9:00 p.m. Monday through Thursday, 3:00 p.m. on Friday, and 9:00 p.m. on Sunday. Any changes in this schedule are posted at the entrance of the library.

Library Services at the Dublin Center

The Dublin Center Library is located on the first floor of the new building. The library has reading and reference areas, conference and study rooms, a computer lab, a classroom, computer workstations, study carrels, and a media room. The library collection is intended to support the courses offered at the Dublin Center, and all traditional library services are available including circulation, reference, and interlibrary loan. From time to time, faculty members put materials on reserve in the library for limited student use.

The computer workstations in the reference area of the library are connected to the Internet and provide access to GALILEO (Georgia Library Learning Online).

The computers in the lab area of the library are available for students to use for word processing, email, the Internet, tutorials, etc.

Library hours are 8:00 a.m. to 9:00 p.m., Monday through Thursday; 8:00 a.m. to 5:00 p.m., Friday; and 8:30 a.m. to 3:00 p.m., Saturday.

Georgia Aviation Campus Library

The Georgia Aviation campus library supports the aviation certificate programs, Associate of Applied Science degree programs, and core curriculum courses offered on that campus.

Academic Support Center

The Middle Georgia College Academic Support Centers (ASC) provide a wide variety of materials and resources to assist students with their studies. Study skill handouts, computer-assisted instruction, sample exams, tutorial videos and late edition textbooks are available.

Because Middle Georgia College students are valued, free peer tutoring is available by appointment or by dropping in. The ASC computer labs are open labs that provide students access to programs needed to complete assignments from classes. In addition, email and the Internet are accessible along with other support programs.

The ASC hours on the three campuses vary by semester, based on student demand and availability of tutors to work nights. Please visit the ASC on your campus for more information about hours of operation.

Office for Multicultural Affairs

The Office for Multicultural Affairs (OMA) serves as an advocate for multicultural students and strives to ensure that their needs are acknowledged, understood, and met. The mission of the OMA is to provide a means for the academic and personal success for all multicultural students. OMA is focused on fostering student learning, cultural awareness, and developing a more pluralist and welcome environment for everyone. The office works closely with the Academic Support Center and other departments on campus to increase academic success, development of human potential, and the retention of multicultural students.

The Multicultural Advising Program (MAP), a unit under the OMA, was established in 1983 to enhance the academic welfare of multicultural students in the University System of Georgia. Services include: free academic workshops, tutorial and financial aid information, advising, peer mentoring, career resources, and so much more. OMA is an excellent starting point for multicultural students to acquire the necessary skills to become successful at Middle Georgia College and beyond. OMA wishes to serve as a tour guide to assist multicultural students as they travel on their journey.

Campus Life

The Mission and Goals of Middle Georgia College (preceding chapter) include the academic, intellectual, social, and personal development of the student. Basically, the student's poise and growth must be developed through academic work in the field of his or her choice. Beyond this, the college places strong emphasis upon a mature demeanor on the part of its students in the varied social situations which life on the campus and in the surrounding community affords.

These socials situations include living in college residence halls, participation in extra-curricular activities, representing the college at off-campus events, and participation in other activities in the community. Responsible participation, rather than regulation, in all phases of college life is considered the best assurance of acceptable conduct and personal development of the student.

Regulations are designed to provide for the orderly pursuit of the College's stated mission and goals and to provide an atmosphere which is conducive to the academic and social growth of students. Regulations are also designed to assure the safety and well-being of students.

The college strives to maintain throughout the campus community a climate that will permit students to take full advantage of the educational opportunities which the college provides. To accomplish this, it is necessary to regulate or prohibit behavior that would not necessarily be undesirable under different conditions. A college community brings together persons of widely varying social and religious convictions, personalities, educational-vocational objectives, and personal interests. Behavior that would offend students or distract from the educational opportunities of other students should not be permitted. The *Student Handbook* contains more details on student conduct.

Alcohol and Drug-Free Schools Policy Statement

In compliance with the Drug Free Schools and Communities Act of 1989 (PL 101-226), Middle Georgia College policy prohibits the unlawful possession, use, or distribution of drugs and alcohol by students and employees on the properties of Middle Georgia College or as any part of the institution's activities. Middle Georgia College recognizes that the illegal activities listed in this policy can clearly affect one's ability to perform one's duties and can pose a potential danger not only to oneself but to others at the institution. Therefore, Middle Georgia College will impose sanctions on students and employees which are consistent with local, state, and federal law. The Middle Georgia College Alcohol and Drug Free Campus Policy and "other items of information" as required by this Act are distributed annually to each student and employee. See *Student Handbook* at http://www.mgc.edu.

Conduct Information and Regulations

College regulations provide guides for college life. A student is expected to display an attitude in which cooperation, good judgment, and good taste are standards of college life. Regulations are designed to protect the interest and well-being of students, the college, and society. Disciplinary measures are designed to be corrective and beneficial to the educational development of students. Anyone registered as a student of the college is subject to the regulations outlined in the *Student Handbook*. All students have an obligation to read the *Student Handbook*.

Violations

When a student is charged with violation of the conduct regulations, disposition of the case shall be according to constitutional requirements, due process, and in keeping with the procedures outlines in the *Student Handbook* which can be accessed at www.mgc.edu.

Any student who is guilty of violating college regulations or who is financially indebted to the college will be ineligible for readmission until clearance is granted by the appropriate college official.

The college's conduct code, regulations, appellate procedures, and possible sanctions are outlined in the *Student Handbook*.

MGC Police Department Policies

The Middle Georgia College Police Department is a state law enforcement agency with the same police powers as any city or county law enforcement agency. It is comprised of both sworn police officers and civilian personnel. All of the police officers are certified by the Peace Officer Standards and Training Council (POST) of Georgia. Each certified officer is mandated by law to receive a minimum of twenty hours of POST certified training annually.

The MGC Police Department shares an excellent working relationship with the other local law enforcement agencies, including the Cochran Police Department, Bleckley County Sheriff's Office, Georgia State Patrol, and the Georgia Bureau of Investigation. The Cochran campus is patrolled by police officers seven days a week, twenty-four hours a day, in an effort to protect the safety and security of students, employees, and visitors.

Upon report of any suspicious activity, crime, or emergency situation, an officer is dispatched immediately to assess the situation and take appropriate action.

In accordance with the requirements of The Student Right to Know and Campus Security Act (PL 101-542), the MGC Police Department publishes an annual report of campus security policies and crime occurrences on campus. The complete report is available upon request to students and any other interested persons. A copy of the most current Campus Security Report is available upon request from the MGC Police

Department or the Admissions Office. Campus security statistics may also be accessed at the U.S. Department of Education Office of Postsecondary Education website at http://www.ope.ed.gov/security.

Regents' Statement on Disruptive Behavior

Any student, faculty member, administrator, or employee acting individually or in concert with others, who clearly obstructs or disrupts, or attempts to obstruct or disrupt any teaching, research, administrative, disciplinary, or public-service activity, or any other activity authorized to be discharged or held on any campus of the University System of Georgia is considered by the Board to have committed an act of gross irresponsibility and shall be subject to disciplinary procedures, possibly resulting in dismissal or termination of employment (BR Minutes 1968-69, pp. 166-168; 1970-71, p. 98). See *Student Handbook*.

Student Health Services

Health services are provided for currently enrolled residential students. Details of the services provided are outlined in the Health Services Brochure published by the Office of Student and Institutional Development. Information is also available at www.mgc.edu. Interested persons may contact (478) 934-3352 for further information.

Student Health Insurance

Health insurance is available to all students through services contracted by the Board of Regents. Health insurance is required for international students and students enrolled in some programs of study. Students enrolled in programs of study which require health insurance are informed of this requirement upon acceptance to the program. The total cost of the health insurance coverage is the responsibility of the student. Further information is available at www.mgc.edu/student.

Motor Vehicle Registration

Any student who wishes to operate a motor vehicle on campus must register the vehicle with the college Police Department. All students who operate motor vehicles are subject to college traffic regulations. The privilege of a student to operate and/or possess a vehicle on campus may be revoked for cause at any time.

Student Housing

Students under 21 years of age whose permanent address is beyond 40 miles from the college must live in the college residence halls. The only exception to this rule is when the college has no housing facilities available. Students may then procure living quarters in the immediate community with the approval of the Director of Residence Life. Students

receiving permission to procure off-campus housing must submit a student housing information form furnished by the Office of Residence Life.

Application for housing should be made on the appropriate form and submitted, along with a $35 housing application fee, to the Office of Residence Life. Upon receipt of the application and fee a 10 or 12 month lease will be mailed to the student. The lease along with a $200 security/damage deposit must be returned for a room assignment to be made. The security/damage deposit is refundable if the Office of Residence Life receives written cancellation notice no later than July 1 for Fall Semester or December 1 for Spring Semester. Application for admission to the college does not include application for residence halls.

The $200.00 security/damage deposit will be held in escrow to be credited against any damage ascribed to the student. Students are responsible for damage to their rooms and for any damage caused by them to any other college property. In cases where the party responsible for damage to the residence hall cannot be determined, all residents of the hall may be assessed for the damage.

All students living in college residence halls are required to purchase a campus dining hall meal plan.

The college dining room and residence halls, with the exception of Harris Hall, are operated only when the college is officially in session. These facilities are not operated during holidays, recesses, or between semesters; they are operated only for the benefit of students and the college faculty and staff.

All students must be enrolled in at least 9 semester hours to live in college residence halls.

Residence Halls

All residence halls are heated and cooled, have community or semi-private bathrooms on each floor or room, laundry facilities, smoke detectors, and window blinds. Cable television service, local telephone, and high-speed internet service is provided in each room.

Each room is furnished with closet, study table, dresser, single bed and mattress, and chairs for each resident. Most rooms are set up for single occupancy. Middle Georgia College is transitioning to a single room only campus; however, some double occupancy rooms may be available at the discretion of the college.

Alderman Community Hall

Alderman Community Hall is the community center for the college. Its facilities include a large hall suitable for banquets, meetings, etc., with a stage and equipment for sound and visual presentations. It is designed to provide the conveniences and services needed by members of the

community as well as students, faculty, staff, alumni, and guests. The college's public safety office is also located in Alderman Community Hall.

Student Center

The Student Center, located in Georgia Hall offers social and recreational activities for individuals and groups. The Center is equipped with various games, pool tables, television, vending machines, etc., for the use of students and the campus community. The Center offers opportunities for relaxation and stress relief through participation in activities outside the classroom.

The Coordinator of Student Activities also provides other social programming for a diverse student population. Programming includes performing artists, interactive events, movie nights, Bingo nights, dances, etc. All programming is open to students and is either free of charge or at a discounted rate.

Sanford Café and Admissions Information Center

Located in Sanford Hall the Sanford Café and Admissions Information Center offers a welcoming atmosphere for visitors and prospective students as well as the College community. The Information Center is available to answer questions and provide general information about the campus and the admissions process. The Café offers a casual atmosphere for visiting with friends over a cup of coffee or having a light meal.

Career-Vocational Guidance

Career guidance is available to all students. These services are provided to assist students in obtaining the maximum benefit from their college studies. Services provided include vocational guidance, interest-inventory testing, and internship opportunities. The office also provides information on college majors, occupations, transfers to other schools, scholarships, etc. Assistance with job placement is also available.

All students are encouraged to take advantage of the opportunities offered through this office. The director may be contacted at (478) 374-6980 or (866) 374-6980.

Counseling and Testing Center

In an effort to enhance personal growth and development, the Counseling Center offers a variety of services to all students at Middle Georgia College free of charge. The Counseling Center is available to assist with personal, social, or educational concerns. The Counseling Center offers an atmosphere in which individuals may discuss their problems with the assurance that all counseling information will remain confidential.

Individual counseling is available for those who wish to discuss and explore their thoughts, feelings, behaviors, and lifestyles. In addition, group counseling provides an opportunity for individuals to grow in their communication, social, and interpersonal skills with others who have similar goals and interests. The Center also provides consultation to staff and faculty in addition to offering outreach programs to various target groups on campus, in residence halls, and in the community.

The Counseling and Testing Center is located in Wiggs Hall and appointments may be made in person or by calling (478) 934-3092. When necessary, referrals will be made on campus or in the community so that all available resources are utilized.

Recreation and Intramural Sports

The well-rounded recreational and intramural sports program provides physical development and enjoyment for all participants and spectators. The program offers training and recreation in such sports as touch football, basketball, softball, soccer, volleyball, badminton, and others. Activities are open to all interested students, faculty, and staff. The director may be contacted at (478) 934-3125.

Athletic Program

The college sponsors intercollegiate teams in baseball, softball, and men and women's basketball and soccer. Middle Georgia College is a member of the Georgia Junior College Athletic Association and the National Junior College Athletic Association. Middle Georgia's athletic teams have a long and honorable record, in which the good name of Middle Georgia College has been upheld by the players and the student body.

Wellness Center

This facility is open to Middle Georgia College benefited faculty, staff, retirees and their dependents, and currently enrolled students free of charge. Valid Middle Georgia College I.D. is required for entry. The Center includes a gymnasium with elevated walking track, a fitness center, aerobics room, classrooms for health and physical education programs, and a lobby with juice/vending bar. Membership is available to the public for a fee.

Campus Organizations

Campus clubs and organizations are available to provide a variety of extracurricular activities for the students of the college. Each club has a faculty or staff advisor, who is approved by the Vice President for Student and Institutional Development. The club advisor counsels the club in the development of programs and projects to enrich the extracurricular

program of the college. The regularly enrolled students of the college are provided with opportunities to be creative and to develop experiences in student leadership.

Campus organizations are required to comply with the regulations of the college and Title IX of the Educational Amendments of 1972.

Information about clubs and organizations may be obtained from the Office of Student and Institutional Development or the Student Activities Office.

Smoking Policy

Smoking is prohibited in all Middle Georgia College campus buildings and grounds except in designated smoking stations which are set up in various locations on the respective campuses. Smokers are expected to dispose of cigarette butts in receptacles provided at each location.

Student Mailboxes & E-mail Accounts

Every dorm resident student is assigned a student mailbox at the campus post office in Georgia Hall. All students are assigned student e-mail accounts. These mailboxes and e-mail accounts should be checked frequently for important announcements. Important official mail is placed in campus post office boxes and is posted to student e-mail accounts, including (but not limited to) information about Regents' Testing, graduation, etc. Students should check their campus post office box and their student e-mail account AT LEAST WEEKLY to avoid potential serious consequences resulting from missed official mail and notices.

Admissions

Procedures

Application for admission to Middle Georgia College should be submitted online at www.mgc.edu/admissions. A different form is required by students who intend to attend the Georgia Academy of Mathematics, Engineering, and Science (GAMES) program. Once a student is accepted for admission to Middle Georgia College, he or she may attend classes at any location offered by the College. Specific requirements for admission to the GAMES program are listed elsewhere in this catalog.

The completed application form, along with all academic transcripts, should be received by the Admissions Office at least twenty days before the first day of registration for the semester in which the student intends to begin attending the College. (The academic calendar of the College is located in the front of this catalog.) The application for admission must be accompanied by the application fee indicated on the application form, which is non-refundable.

All students entering colleges and universities of the University System of Georgia for the first time are required to submit proof of immunization for certain communicable diseases. This proof must be submitted on the approved form. Copies of this form are available from the Admissions Office at the College, at the Dublin Center, at the Georgia Aviation campus in Eastman, and online at www.mgc.edu/admissions. This form is the only one that the College is allowed to accept; if proof of immunization is submitted in any other form, it will be returned to the applicant, along with a copy of the approved form. Immunization certification is required before a student will be permitted to register.

An applicant who fails to enroll for the semester for which he or she is accepted should notify the Admissions Office if he or she plans to enroll at a later date. Due to changing admission standards, an applicant accepted for a particular semester is not guaranteed admission to a later semester.

Scholastic and Personal Requirements for Regular Admission

For Middle Georgia College and the other colleges of the University System of Georgia, admission requirements and standards printed here are subject to change without notice.

1. The applicant must be of established good character. The college reserves the right to examine and investigate the character and personality of the applicant.

2. Official high school and/or college transcripts are required for admission to all programs of study. The American College Test (ACT) and The College Board's Standardized Achievement Test (SAT) are not required for admission; however, these scores may be used for placement.

3. Completion of all application forms and meeting all requirements contained therein are required of each applicant before a request for admission can be considered. Applications should be received at least twenty days prior to any registration period for which the applicant is seeking admission to the college.

4. The college reserves the right to terminate receipt of application forms when enrollment limits are reached.

5. The applicant must be a graduate of a high school accredited by the Southern Association of Colleges and Schools (SACS) or equivalent regional accrediting commission, or the Georgia Accrediting Commission (GAC), or the Georgia Private School Accreditation Council (GAPSAC) or the Accrediting Commission for Independent Study (ACIS), or the high school must be approved by the Board of Regents. A non-traditional student, those who would have graduated from high school five or more years ago, may submit passing General Education Development (GED) test scores. Student submitting GED scores, and who would have graduated from high school less than five years ago, are subject to the same preparatory course requirements as high school graduates. Students submitting GED scores prior to the graduation of their high school class are not eligible for enrollment until the high school class has graduated.

6. Middle Georgia College reserves the right to reject the credits from any high school or other institution when it is determined that the quality of instruction available at such high school or institution is for any reason unsatisfactory.

7. Required high school preparation for entrance to Bachelor of Science, Associate of Arts or Associate of Science academic programs is determined by the College Preparatory Curriculum. The minimum high school preparation is listed below:

	Units
English	4
Grammar and usage	
Literature (American & World)	
Advanced composition skills	
Science*	3
Physical Science	
At least two laboratory courses from Biology, Chemistry, or Physics	

Mathematics**	4
Two courses in Algebra	
One course in Geometry	
One higher course as defined by the University System of Georgia	
Social Science	3
American History	
World History	
Economics and Government	
Foreign Language***	2
Skill-building courses emphasizing speaking, listening, reading, and writing	

*Physics and chemistry are required for engineering students.
**Trigonometry also required for Biology, Chemistry, Engineering, Mathematics, Applied Psychology, and Physics.
***Must be two units of the same language.

Additional courses selected from the following are recommended:

- Trigonometry
- Laboratory course in science
- A third course in a foreign language
- Fine Arts (art, dance, drama, music)
- Computer Technology
- Health and Physical Education
- Keyboarding

As indicated in the following table, Middle Georgia College will admit students who are missing college preparatory course units listed above or who complete the requirements for an approved technical or career-preparatory high school diploma and who meet other defined standards. Students with technical or career-preparatory diplomas will be scheduled to take make-up courses designed to overcome college preparatory curriculum deficiencies. These courses cannot be used toward graduation from Middle Georgia College and must be completed with a grade of "C" or better.

Admission Standards for Fall 2007 through Fall 2009

The following admission standards are subject to change without notice.

Degree Program	*Admission Category*	*Admission Standards for Fall 2007 through Fall 2009*
Bachelor Associates Associates of Applied Science	**Preferred Admission** (Unlimited number of students may be admitted under this category and are not required to take the Compass Placement Examination nor Learning Support courses.)	430 Critical Reading/Verbal SAT score (17 ACT English score) and 400 Math SAT score (17 ACT Math score) and 2.0 Academic Core GPA* and Zero college preparatory course deficiencies. **
Bachelor Associates Associates of Applied Science	**Regular Admission** (Unlimited number of students may be admitted under this category and may be required to take the Compass Placement Examination and Learning Support courses.)	2.0 Academic Core GPA* and Zero college preparatory course deficiencies** or a 2.2 Academic GPA* with college preparatory course deficiencies.
Diploma Certificate	**Regular Admission** (Unlimited number of students may be admitted under this category and may be required to take the Compass Placement Examination or Learning Support courses.)	High School College-Prep or Technical –Prep diploma or passing GED scores.

A very limited number of students who do not meet the above standards but who possess some compelling academic characteristic(s) may be considered for admission as presidential exceptions. Decisions upon applicants falling into this category will be made on a case by case basis.

*Academic Core GPA only includes courses in English, math, natural science, social science and foreign language.
**College Preparatory courses include 4 courses in College Prep English, 4 courses in College Prep math (Algebra I & II, Geometry, senior level math), 3 courses in College Prep natural science (physical science, biology, chemistry, etc.), 3 courses in social science (World History, U.S. History, and Economics/Government), and 2 courses in foreign language (a sequence).

Courses taken within the Learning Support program are institutional credit courses and are not applicable to any degree program offered by the college.

8. Applicants who have earned fewer than 30 transferable semester credit hours shall complete all the requirements for freshman admissions.

(Exceptions to the requirements for regular admission and provisions for admission to special categories of students are given elsewhere in this section.)

Associate of Applied Science Degree Programs

Middle Georgia College offers several two-year programs leading to the Associate of Applied Science degree in Aviation. Credit earned in such courses is not intended for transfer to senior-level colleges or universities. Some of the individual courses may not be applicable to the University System of Georgia Core Curriculum requirements. However, Core Curriculum courses taken as a part of an A.A.S. program may be used as part of a transfer program once the student has been admitted to pursue a transfer curriculum.

To be considered for admission to any of these programs, the student must be a graduate of an approved high school and must possess appropriate high school academic grade-point average. Non-traditional students must only submit passing core scores on the GED test or evidence of graduation from an approved high school.

Students admitted to these programs will be required to take the Compass Placement Examination unless exempted through their grades and test scores.

Generally, students who meet admission requirements for A.A.S. programs, but do not meet requirements for admission to other degree programs, will be required to complete the program of study under the A.A.S. before transferring into A.A., A.S., or A.S. in Health Sciences.

Certificate Programs:

Certificate programs consist of courses that are related to an area of specialized study and may include any combination of general core courses, fundamental technical courses, specific technical courses, or approved elective courses. The certificate may also be used to add a specialization after the completion of the degree. The credential presented to a graduate of a certificate of credit program will specify the area of specialization.

To be considered for admission into certificate programs, the student must be at least 16 years of age at the time of application. The student must be at least 17 years of age when accepted for the Flight Technology certificate program. Persons applying to these programs must provide an official final high school transcript showing that they have graduated and received a diploma or the official GED score report with passing scores. Transfer students must submit their college and university transcripts.

ADDITIONAL ADMISSIONS REQUIREMENTS:

Flight Management, Flight Technology and Air Traffic Management: Applicants must submit a 1st class medical exam certificate signed by a FAA approved physician, a copy of their driver's license, and a copy of their birth certificate as a part of the application process. A current 1st class FAA medical certificate is required for admission to these programs and for the duration of all flight training at Georgia Aviation campus. Prospective students for the flight technology program must also provide documentation proving citizenship status. For more information on the new rule visit http://www.aopa.org/tsa_rule/index.html

Engineering Transfer Programs

Middle Georgia College offers programs for transfer to institutions offering baccalaureate degrees in engineering, engineering technology, and related programs of study. Middle Georgia College is also an approved college for the Regents Engineering Transfer Program (RETP) in cooperation with the Georgia Institute of Technology.

Admission Requirements for the Nursing Program

Nursing admission requirements are in addition to college admission requirements. Applicants are considered for admission using a formula approved by the Nursing Admissions Committee. Admission is competitive, not all applicants will be accepted.

The most current criteria for admission to the nursing program can be found at the Nursing Home Page at www.mgc.edu. Applications to the program are also available at this site. Applications and transcripts must be received by the deadlines published on the Nursing Home Page.

As of this printing, minimum criteria for admission to the nursing program include:

a. Application to and eligibility for acceptance to Middle Georgia College.
b. Completion of any required college placement tests and remedial courses.
c. Completion of BIOL 2114 and 8 credit hours of core courses required for the nursing program with a minimum GPA of 2.5. Students with Academic Renewal must complete at least 12 semester hours before the AR-GPA is considered. Beginning Fall, 2008, BIOL 2114, BIOL 2115, BIOL 2131, and PSYC 2103 must be less than five years old at the time of entry into the nursing program.
d. Completion of the Nursing Entrance Test (NET). The cost of this examination is approximately $25, payable at the Business Office (bring receipt and picture ID to examination). The examination can be scheduled by contacting the Nursing Admissions

Coordinator in Cochran at (478) 934-3057 or the Nursing Secretary in Dublin at (478) 275-6808. This examination may be taken only once per academic year. Scores may not be transferred from other institutions. NET scores more than two years old will not be considered.

e. Essential Competencies Policy: The Americans with Disabilities Act (ADA) ensures the qualified applicant with a disability the opportunity to pursue program admission at public institutions. To determine whether an individual is a qualified applicant for programs or services, the ADA states that applicants must meet essential competency requirements. A list of essential competencies is available. Essential competencies include critical thinking, communication, interpersonal skills, mobility, tactile ability, vision, and hearing. The ability to observe, collect data and treat a patient independently, while ensuring client safety at all times is an expectation of the Nursing Program at Middle Georgia College. All students will be held to the same standards and must be able to perform the essential competencies of their program with or without reasonable accommodation. The Nursing program at MGC are unable to make accommodations that impose an undue burden, present a threat to the health or safety of the individual or others, or fundamentally alter the nature of the curriculum including didactic components, laboratory sessions, and clinical affiliations. Questions about the accommodation process may be directed to the Nursing Admissions Coordinator at (478) 934-3057.
f. A student who has had two unsuccessful attempts in any health sciences program will be ineligible for admission to the Nursing program.
g. It is recommended that all students enroll in NURS 1202, Clinical Calculations, prior to beginning the nursing sequence.

All applicants not selected must reapply to be considered for future classes.

Once accepted to the nursing program, the student must meet, and keep current, the following requirements:

a. Certification in CPR through the American Heart Association. Certification must be valid for the duration of the program.
b. Professional student liability insurance coverage in the amount of $1M single/3M aggregate.
c. Health insurance: The University System Board of Regents requires all nursing majors to have approved health insurance.
d. Annual health evaluation, including immunizations as specified by the program and/or clinical facilities.

e. Clinical facilities may require criminal background checks and drug screens. It is the student's responsibility to comply with these requirements and pay any required fees. Students refused admittance to a clinical facility due to the results of a criminal background check or drug screen will not be permitted to enroll in clinical experiences. This will necessitate withdrawal from the program. Nursing faculty will not be involved in the criminal background/drug screen process.
f. Travel to clinical sites may be extensive. Nursing travel generally is within a 60-mile radius of class site. Travel expenses are the responsibility of the student.

Note: Any conviction more serious than a traffic ticket may impact your eligibility for licensure. It is the applicant's responsibility to contact the appropriate licensure board: Georgia Board of Nursing (478) 207-1640.

Admission Requirements for Occupational Therapy Assistant (OTA)

Please see the OTA home page for the most current OTA admission requirements at www.mgc.edu

The OTA program has a maximum class enrollment of 35 students. Therefore, the OTA admission process is separate from the college admission process and is handled through the Occupational Therapy Assistant Department. Meeting only the minimum admission requirements for the OTA program does not guarantee acceptance into the class. For additional information on admission requirements please contact the OTA program director at (478) 934-3402 or the OTA secretary at (478) 934-3056.

All students are required to send all required OTA admission materials to the OTA department at least two weeks prior to the start of the fall semester that the student plans to enter the OTA program. However, students are encouraged to apply as soon as possible since class size is limited and students will not be admitted after the class is full.

New high school graduates should send a copy of their final high school transcript directly to the OTA department. Applicants with college credits should send copies of transcripts from all colleges that they have attended directly to the OTA program. The mailing address is: OTA Program, Middle Georgia College, 1100 Second Street, SE, Cochran, GA 31014. The application to the OTA program can be found at the OTA program website at www.mgc.edu

Specific OTA admission requirements include:

1. a. Application to and eligibility for acceptance to Middle Georgia College.
   b. Completion of any required college placement tests and learning support courses.

c. If Academic Renewal has been granted, 12 semester hours must be completed before the AR-GPA is considered.
d. Essential Competencies Policy: The Americans with Disabilities Act (ADA) ensures the qualified applicant with a disability the opportunity to purse program admission at public institutions. To determine whether an individual is a qualified applicant for programs or services, the ADA states that applicants must meet essential competency requirements. A list of essential competencies is available. Essential competencies include critical thinking, communication, interpersonal, skills mobility, visual, hearing, and tactile abilities. The ability to observe, collect data and treat a patient independently, while ensuring patient safety at all times is an expectation of the OTA Program at Middle Georgia College. All students will be held to the same standards and must be able to perform the essential competencies of their program with our without reasonable accommodation. The OTA program at MGC is unable to make accommodations that impose an undue burden, present a threat to the health or safety of the individual or others, or fundamentally alter the nature of the curriculum including didactic component, laboratory sessions, and clinical affiliations. Questions about the accommodation process may be directed to the Coordinator of Disability Services at (478) 934-3023. More specific information about essential competencies can be found at the OTA website at www.mgc.edu

2. For students with less than 12 semester hours of college credit completed:
   a. Acceptance to Middle Georgia College.
   b. Successful completion of all required learning support courses.
   c. High school GPA of 2.5 or greater.
3. For students who have completed at least nine semester hours of college credit courses:
   a. Cumulative college GPA of 2.0, or
   b. Average GPA of 2.0 in all completed, required OTA core courses (minimum of three OTA core courses must be completed).
   c. It is highly recommended that students with less than a 2.3 GPA complete the OTA program on a three-year track.
4. Students with a cumulative GPA of 2.3 will be admitted within one month of completing the application process, space permitting. Students with less than a 2.3 cumulative GPA will be evaluated in April. After April, students will be accepted on a space available basis only.
5. All applicants not selected must reapply to be considered for future classes. Once admitted to the OTA program the student must meet and keep current, the following requirements:

a. Certification in CPR, either American Heart Association Healthcare Providers or American Red Cross CPR for the Professional.
b. Professional student liability insurance coverage in the amount of $1M single/$3M aggregate.
c. Health insurance may be required by some fieldwork sites.
d. Annual health evaluation, including immunizations and Hepatitis series.
e. Criminal background check.

Travel to clinical/fieldwork and fieldtrip sites may be extensive. OTA fieldwork sites are in Middle Georgia and throughout the State of Georgia. Travel expenses, including living arrangements at distance sites are the responsibility of the student.

Graduates of the OTA Program will be eligible to take the National Certification Examination for the Occupational Therapy Assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the graduate will be a certified occupational therapy assistant (COTA). In addition, most states require licensure to practice. However, state licenses are usually based on the results of the NBCOT certification examination. A felony conviction may affect a graduate's ability to sit for the NBCOT certification exam or attain state licensure. Contact NBCOT at (301) 990-7979 and the Georgia State Board of Occupational Therapy at (478) 207-2440 for more information.

Non-Traditional Students

Middle Georgia College serves as the community college for its area of the state. In this role, the college serves non-traditional students, as well as traditional students. The term non-traditional student refers to one who graduated from high school, or should have graduated from high school, five years prior to the intended initial term of college enrollment and who has not enrolled in any post-secondary institution during that time.

Home-Schooled Students and Graduates of Non-accredited High Schools

Applicants from home schools or graduates of non-accredited high schools may validate the College Preparatory Curriculum (CPC) in an alternative way. SAT I scores and satisfactory documentation of equivalent competence in each of the CPC areas at the college preparatory level may be used in lieu of the academic core GPA and Carnegie unit requirements of the CPC. A student whose SAT I Composite (Critical Reading/Verbal plus Mathematics) score is at or above 920, the average SAT I score of the previous year's fall semester first-time freshman admitted to Middle Georgia College, and who has completed the

equivalent of each of the CPC areas as documented in the Home School Application for Admission or official high school transcripts qualifies for consideration for admission. For students with ACT scores, the ACT composite score of 19 is required. Students in this category must also meet the SAT I Critical Reading/Verbal score of 430 (or ACT English 17) and the SAT I Math score of 400 (or ACT Math 17).

Students admitted in this category with satisfactory documentation of CPC competence in all areas will be counted in the institution's preferred admissions category. Those with qualifying SAT I scores and documentation of partial CPC completion may be admitted on the same basis and with the same conditions as other students with CPC deficiencies. Students with an SAT score below 910 with complete or partial CPC's will be reviewed on a case-by-case basis.

Applicants from home schools or graduates of non-accredited high schools do NOT have to take the GED to be considered for admission to Middle Georgia College.

Non-traditional applicants from home schools or graduates of non-accredited high schools will be considered for admissions as any other non-traditional student. Home school application and transcripts will be required.

Dublin Center

Admission to the Dublin Center may be requested on the application to Middle Georgia College. The same admission procedures and requirements apply to all MGC locations.

Georgia Aviation Campus

Admission to the Georgia Aviation Campus in Eastman may be requested on the application to Middle Georgia College. The same admission procedures and requirements apply to all MGC locations.

International Students

Requirements and procedures for students of other countries who wish to enroll in the academic program of Middle Georgia College are as follows:

An official copy of the student's translated high school transcript and college transcript(s) if the student has attended one or more colleges must be sent directly to the College from the institution(s) the student attended. The college transcript must be evaluated by an Accrediting Agency if it is not a US institution recommended by Middle Georgia College. Health insurance is mandatory for international students. To view our student policy, go to www.studentinsurance.com and click on Middle Georgia College.

MGC requires a Test of English as a Foreign Language (TOEFL) score of 527 or more for paper-based test or 197 or more for computer-based test or 71 or more for the internet-based test. If the student's native language is English, TOEFL scores are not required but scores from the Standardized Achievement Test (SAT) or the American College Test (ACT) are required for all students. If adequate SAT or ACT scores are presented by any international applicant, the student may be exempt from the Compass Placement Examination upon arrival on campus.

The United States Immigration Service requires that all international students submit a guarantee-of-finances statement. This statement must show that the student will have sufficient funds to support him or herself and pay all college fees while a student in the United States.

MGC does not offer state or federal financial aid to non-citizen students. The college does have some special scholarships for a limited number of international students with competitive academic credentials.

International students are required to submit proof of immunization for certain communicable diseases. Immunization certification must be submitted on the form supplied by the college.

Special Students

Special students may be enrolled with the permission of the Vice President for Academic Affairs provided such students give evidence of their ability to pursue successfully subjects chosen for personal enrichment or advancement. Special students are not admitted as degree candidates, and the college assumes no responsibility for planning programs for such students. All requirements for admission must be met before any work taken as a special student may count toward a degree.

Admission Under Georgia Constitutional Amendment 23

Amendment 23 to the Georgia Constitution provides for the enrollment of persons 62 years of age or older in the University System of Georgia. Provisions of enrollment include:

1. The applicant must be 62 years of age or older at the time of registration and must present a birth certificate or other comparable written documentation of age.
2. Upon admission, the person may enroll as a regular or auditing student in courses offered for resident credit on a "space available" basis without payment of matriculation fees. However, the person will be responsible for payment of other normal fees, such as laboratory and parking fees.
3. The applicant must meet all University System and institution admission requirements, including high school graduate or GED scores, and Learning Support requirements if the student is enrolling for academic credit.

Freshman Orientation

The freshman orientation program is designed to help the new student make a smooth transition from high school to college life.

Students who plan to enroll in the fall semester should attend one of the summer orientation sessions. Invitations to attend one of these sessions and reservation forms are mailed well in advance of the orientation dates. For those who are unable to attend one of the earlier summer orientations, a final session is scheduled immediately before the beginning of the fall semester. During the summer orientation session, the student is introduced to the many aspects of campus life. Those attending have the opportunity meet with their academic advisor, and pre-register for the fall semester.

Scheduled dates for Summer Orientation may be obtained from the Admissions Office (478-934-3103), Dublin Center (1-888-217-3237 or 478-275-6643), or Georgia Aviation Campus (1-866-374-6980 or 478-374-6980)

Advanced Placement (AP), College-Level Examination Program (CLEP), and Credit by Examination

Middle Georgia College offers academically outstanding students the opportunity for advanced placement and credit by examination. Interested students should contact the Admissions Office or the Testing Center at Middle Georgia College for information on fees, test schedules, and required cut-off scores.

A student may receive up to 30 hours of credit by any combination of AP, CLEP, or departmental examination. Credit earned by any of these means will be recorded on the student's record by course, course number, and semester hours earned. The grade of "K" will be recorded but will not be included in the determination of the grade-point average.

The following policies and procedures apply to all students seeking advanced standing through these examinations:

1. Credit may be achieved through: (1)--the College Level Examination Program (CLEP) administered by The College Board; (2)--the Advanced Placement (AP) Program administered by The College Board; and (3)--departmental examinations administered by Middle Georgia College. [CLEP tests may be taken at any CLEP testing center, either before or after the student enrolls in college. A high school student may obtain information about CLEP tests and the AP program from a high school guidance counselor. Information about CLEP tests is also available from the Testing Center at Middle Georgia College or from the MGC website at www.mgc.edu . Minimum AP scores accepted and the college credits awarded by Middle Georgia College are available from the MGC Admissions, Registrar's, or Testing offices. Departmental

examinations are administered by some departments after the student is enrolled in MGC, or in some instances, during the summer orientation programs for students who have been accepted for admission but not yet enrolled by MGC. A student who wishes to take a departmental examination must have the request approved by the chair of the division in which the course is offered. The examination fee must be paid by the student. Departmental exams are not administered by the Testing Center.]

2. A departmental exam may be taken only once. A CLEP test may be taken twice, provided that it is not retaken within six months.
3. A student must enroll at MGC to receive credit for a departmental exam.
4. No student will be permitted credit by examination for a course after enrolling in that course at MGC.
5. Credits earned through examination may be transferred from other accredited institutions, provided the score meets or exceeds the MGC requirement.
6. CLEP does not fulfill the State of Georgia requirements on history and the Constitution. To satisfy State of Georgia requirements on history and the Constitution, a departmental exam is required if an AP course/exam is taken outside the State of Georgia.

Middle Georgia College is a national testing site for the College Level Examination Program (CLEP) of the College Board. For information about the CLEP tests, call the Testing Center at 478-934-3092.

Joint Enrollment

High school juniors and seniors who are at least 16 years of age may be allowed, under certain circumstances, to take college courses while still attending high school. Any student interested in joint enrollment should consult his or her high school counselor. Requests for joint enrollment must come from the administration of the high school which the student is attending.

Requirements for a student to be considered for joint enrollment include:

1. A minimum combined SAT score of 970 with a critical reading/verbal score of at least 430 and math score of at least 400 **or** ACT composite score of 21 with an English and math score of at least 17. If an English, math, or social science course is to be used to satisfy both high school college preparatory requirements and for college credit, an SAT critical reading/verbal and math score of 530 **or** ACT English and math score of 23 is required.
2. A "B" high school average in academic subjects.

3. Recommendation, in writing, of the high school counselor, principal, or equivalent officer.
4. Permission, in writing, of the student's parent(s) or guardian(s).
5. Be enrolled in the College Preparatory Curriculum.

ACCEL

Middle Georgia College participates in the ACCEL program in cooperation with public high schools in the state. Under this program, students in the eleventh or twelfth grade who meet all eligibility requirements may take college courses as joint-enrollment students. The matriculation fees will be covered by the HOPE Scholarship program. College credit hours taken under the ACCEL program will count towards a student's maximum allowable hours paid for by the HOPE Scholarship.

Requirements for a student to be considered for the ACCEL program include:

1. A minimum combined SAT score of 970 with a critical reading/verbal score of at least 430 and math score of at least 400 **or** ACT composite score of 21 with an English and math score of at least 17. If an English, math, or social science course is to be used to satisfy both high school college preparatory requirements and for college credit, an SAT critical reading/verbal and math score of 530 **or** an ACT English and math score of 23 is required.
2. A "B" high school average in academic subjects.
3. Completion of all ACCEL paperwork.
4. Be enrolled in the College Preparatory Curriculum.

Any student who is interested in this program should make the initial inquiry at the counselor's office at the high school the student attends.

Georgia Aviation Joint Enrollment High School Programs: Students who are interested in beginning their college career earlier by taking classes at the Georgia Aviation campus to earn ONLY technical college credit may enroll as joint enrollment students. Potential joint enrollment students must meet the admissions requirements for the technical college program of study before enrolling as a joint enrollment student. Potential students should ask their high school counselor for more information. Students must also meet admissions requirements and have approval from a parent or guardian to participate in the dual enrollment program.

Georgia Aviation Youth Apprenticeship Program: High school students selected to participate in a Youth Apprenticeship program simultaneously attend high school, enjoy the benefits of a mandatory workplace component, and sometimes may also attend classes at Georgia Aviation

campus. An apprenticeship student is often able to complete up to one-half (50%) of a Georgia Aviation program by the time of graduation from high school.

Academic Renewal Policy

University System of Georgia undergraduate students who have been readmitted or reinstated after a period of absence of five (5) calendar years or longer are eligible for academic renewal. Academic renewal for the student signals the initiation of a new grade point average to be used for determining academic standing. This provision allows University System of Georgia degree-seeking students who earlier experienced academic difficulty to make a fresh start and have one final opportunity to earn an associate or bachelor's degree (BR Minutes, June, 1995, p. 7).

I. All previously attempted coursework continues to be recorded on the student's official transcript.

A. A renewal GPA is begun when the student resumes taking coursework following approval for Academic Renewal.

B. The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation.

1. To earn a degree, a student must meet the institution's residency requirements after acquiring academic renewal status.

2. At least 50% of work toward a degree must be completed after the granting of Academic Renewal status for a student to be eligible for honors at graduation.

C. Academic credit for previously completed coursework -- including transfer coursework -- will be retained only for courses in which an A, B or C grade has been earned.

1. Retained grades are not calculated in a Renewal GPA. Such credit is considered in the same context as transfer credit, credit by examination, and courses with grades of "S."

2. Courses with D or F grades must be repeated at the Academic Renewal institution if they are required in the student's degree program. Further, all remaining courses for the current degree objective must be completed at the Academic Renewal institution, i.e., no transient credit will be accepted.

3. Applicability of retained credit to degree requirements will be determined by the degree requirements currently in effect at the time Academic Renewal status is conferred on the student. Specific institutional program regulations must also be met.

II. A student can be granted Academic Renewal status only one time.

III. Transfer Credit

A. Suspended/dismissed students: a student who has been suspended/dismissed from a System institution and has attended one or more System institutions during the period of suspension/dismissal will not be eligible for Academic Renewal.

B. *Non-suspended/dismissed students: a student who has not been suspended/dismissed from a system institution but who has been absent from that institution five years or more and who has attended a school other than that institution may choose only one of the following options:*
   1. *A student may return to the same institution subject to all relevant transfer and reentry policies. No renewal GPA is calculated and transfer credit will be granted for applicable courses taken during the absence.*
   2. *A student may apply for Academic Renewal. If Academic Renewal status is approved, no transfer credit will be granted for coursework completed during the absence.*

IV. *Any scholastic suspensions which occurred in the past shall remain recorded on the student's permanent record. If a suspension (either first or second) is on the record and the student encounters subsequent academic difficulty after having been granted Academic Renewal, the next suspension would subject the student to dismissal.*

V. *If a student does not request Academic Renewal status at the time of re-enrollment after a five year or greater period of absence, the student may do so within three semesters of re-enrollment or within one calendar year, whichever comes first.*
   A. The Renewal GPA begins with the semester following re- enrollment.

VI. *Reentry into any program is not automatic.*

VII. *If a student is denied Academic Renewal and subsequently does not re-enroll, he/she may resubmit an Academic Renewal application after no fewer than three semesters have passed since the initial petition.*

VIII. *Each System institution shall establish specific evaluative criteria and specific procedures for evaluating an application for Academic Renewal.*

IX. *The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.*

X. *The granting of Academic Renewal does not supersede the admissions requirements of certain programs, e.g., teacher education, nursing, which require a specific minimum grade point average based upon all coursework.*

XI. *Any currently enrolled student who has experienced an interrupted five year (or longer) period of nonattendance at the institution in which he/she is currently enrolled, may apply for an Academic Renewal GPA.*
   A. *For currently enrolled students, there is a one year "window of opportunity" for requesting Academic Renewal status commencing with the effective date of this policy.*
   B. *The Academic Renewal GPA will include all coursework taken since re-enrollment.*

XII. *This policy becomes effective upon the date of favorable action by the Board of Regents.*

Definition of Terms for the Purpose of these Procedures:

Suspension -- a temporary separation from an institution. A suspension may (a) be for a specified period of time or (b) indefinite. Upon expiration of the period of

suspension, the student is eligible to re-enroll. A student under indefinite suspension must petition for reinstatement to the president of the institution.
Dismissal-- a permanent separation of the student from the institution. A student who is dismissed is not eligible to return to the institution.
Above policies are taken from the Academic Affairs Handbook of the University System of Georgia.

In order to comply with and abide by the Board of Regents' policies and criteria, MGC uses the following guidelines for Academic Renewal (AR).

1. Degree-seeking students who have experienced academic difficulty at Middle Georgia College are allowed ONE opportunity to make a fresh start after an absence of five calendar years from any postsecondary institution which required a high school transcript for acceptance.
2. Students must apply for Academic Renewal, and Academic Renewal will be granted upon application by the student.
3. All previously attempted course work continues to be recorded on the student's official transcript. The cumulative grade-point average (CGPA) that includes all college-level credit courses taken AND an Academic Renewal Grade-Point Average (AR-GPA) will be shown on each Academic Renewal student's permanent record.
4. An AR-GPA is begun when the student resumes taking course work following the five-year period of absence. A statement will be placed on the student's transcript indicating the Academic Renewal status and the beginning of a separate Academic Renewal GPA in addition to the required Board of Regents CGPA.
5. The AR-GPA will be used for determining academic standing and eligibility for graduation.
6. Academic credit for previously completed course work, including transfer course work, will be retained only for courses with an A, B, C, or S grade. Retained grades are not calculated in the AR-GPA but are counted in the Academic Renewal Hours Earned.
7. To earn a degree, MGC residency requirements must be met. MGC will apply the retained hours earned prior to Academic Renewal (i.e. A, B, C, S grades) toward the residency requirement.
8. Any scholastic suspensions that occurred in the past will remain recorded on the student's permanent record.
9. A student may request Academic Renewal status upon re-enrollment after a five year or greater absence from any postsecondary institution, or the student may do so within two academic semesters of re-enrollment or within one calendar year, whichever comes first.
10. The AR-GPA begins with the first term following re-enrollment.
11. Re-entry into any academic program is not automatic.

12. The catalog in effect at the time of Academic Renewal is granted (or, at the student's option, the catalog in effect at the time of graduation) will be the catalog used for graduation requirements.
13. Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
14. For selective admission programs, if a student has declared academic renewal, the student must earn at least 12 credit hours post academic renewal, and the GPA earned in those credit hours will be used for eligibility and selection. Students applying to programs which use a core GPA in selection may choose to repeat such courses post academic renewal and only the post academic renewal grade will be used in selection. Students are strongly urged to meet with their advisor to discuss academic renewal benefits.
15. U.S. and Georgia history and constitution requirements met prior to granting Academic Renewal will remain on the student's permanent record even though the courses may not count in the AR-GPA. Also, Regents' Test scores prior to Academic Renewal will remain on the student's record. Further, MGC will count all hours earned prior to Academic Renewal in regards to Regents' Test, College Preparatory, and other Board of Regents' Policy requirements.

Transfer Credit Policy

The following is a brief description of the general guidelines used to evaluate transfer credits at Middle Georgia College. This list does not guarantee the student any certain result and is meant only as an explanation of the procedures. Middle Georgia College has established these policies in compliance with the standards established by the University System of Georgia.

Middle Georgia College is the final arbiter of acceptance or non-acceptance of transfer credit. In making decisions regarding the acceptance of transfer credit, MGC relies on such information as the accreditation status of the transfer institution but does not rely solely on this information.

In order for credit to be evaluated, transfer students must provide final official academic transcripts to Middle Georgia College. Failure to report a previous college attendance at the time of admission or readmission is sufficient cause for cancellation of the student's enrollment and of any credit earned at Middle Georgia College. All academic credit attempted at previous regionally accredited institutions will be reviewed by Middle Georgia College and may be transferred at full value provided the course

content is comparable to that of a course offered by Middle Georgia College.

Once the student has been accepted and final official transcripts have been received from ALL former institutions attended by the student, the Registrar's Office at Middle Georgia College will complete an evaluation of transferrable credits. A copy of this evaluation is available to the student and the advisors through Banner Web. Students who do not have a Banner Web account may request a copy of the transfer evaluation from the Registrar's Office at Middle Georgia College.

Some transfer students may be required to participate in the Middle Georgia College placement examination process and, based on those results, may be required to enroll in Learning Support courses. Students with Learning Support requirements at their previous institution may be admitted only in accordance with the Learning Support policies and procedures established by the University System of Georgia and Middle Georgia College. In order for a student to receive transfer credit for Learning Support courses, the student must have taken the remedial course and successfully passed the Compass exit exam at a Commission on Colleges accredited, University System of Georgia institution and earned a grade of "C" or higher. Students who have not exited an area at their previous institution will be bound by Middle Georgia College Learning Support requirements. Middle Georgia College may require additional testing to help determine an applicant's qualifications for admission.

If the student has taken and made an acceptable grade in US History in the University System of Georgia, it will satisfy the Georgia and US History requirements for graduation. However, if they have taken US History outside the state of Georgia, it will only transfer in for the course itself. If the student has taken and made an acceptable grade in Political Science/American Government in the University System of Georgia, it will satisfy the Georgia and US Constitution requirements for graduation. However, if they have taken Political Science/American Government outside the state of Georgia, it will only transfer in for the course itself. For both of these requirements, if taken outside the state of Georgia, an exemption exam is offered to satisfy the graduation requirements.

Credits accepted in transfer by Middle Georgia College do not necessarily apply as hours toward graduation. These apply only if they meet requirements for the students' designated degree choice. The total number of hours that may be earned toward a degree by either extension or correspondence courses shall not exceed thirty semester credit hours.

The number of credits accepted shall also be limited by the degree residency policy in the Graduation Requirements section of the Middle Georgia College General Catalog.

Students who wish to receive credit from International institutions abroad must submit, at the student's expense, their final official transcript(s) to an approved international credentials evaluation service in order for the translated final official transcript(s) to be forwarded on to Middle Georgia College. Course descriptions, if needed, will require the same process.

If a student desires reconsideration of a decision by the Registrar's Office awarding or not awarding credit, additional consideration will be given if the student provides a copy of the catalog course description as well as a completed "Transfer Credit Reconsideration" form. This form is available through the Registrar's Office at Middle Georgia College.

Important General Information:

- Courses transferred for credit from other institutions must have an overall transferrable Grade Point Average of 2.0 or higher.
- Middle Georgia College reserves the right to not accept transfer credit for coursework taken by a student while excluded from enrollment for any reason from other institutions of higher education.
- Middle Georgia College retains the right to determine the amount of credit to be awarded.
- No credit will be given for the same class more than once. This includes repeat courses as well as courses taken at two separate institutions. For repeat courses, the most recent grade will be accepted.
- In order to receive credit for any course which requires separate lecture and lab course sections, the student must have successfully completed BOTH the lecture and lab portions of the course. No partial credit will be awarded.
- All course work is transferred in under the Semester System.
- A student having served in the military may be exempt from the Physical Education requirements by submitting a copy of his/her DD214 form.
- English and math credit (defined by USG as the mini-core) earned at technical colleges accredited by SACS-COC will be accepted as transfer credit.

- Technical credit earned at technical colleges will be considered for transfer if the institution is accredited by SACS-COC, another regional accreditation body, or COE.
- For information on credit earned through CLEP examinations, please see the CLEP portion of the catalog in the Admissions section.
- In general, the college does not award credit for experiential learning. However, the college reserves the right to award credit for courses required to obtain professional certification or licensure upon presentation by a student of official documentation of professional certification or licensure.

Due to the merger of Georgia Aviation Technical College, formerly accredited by the Council on Occupational Education, COE, and Middle Georgia College, accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, the following revisions have been made in the acceptance policy of technical credit from Georgia Aviation Technical College, now known as the Georgia Aviation Campus of Middle Georgia College.

- All technical credit awarded by Georgia Aviation Technical College to students prior to the merger and for which a course equivalent has been established by Middle Georgia College will be accepted.

When considering transfer credit from a non-accredited Part 141 or Part 147 school, Middle Georgia College will evaluate and consider acceptance of the credit for equivalent courses that are required for the following programs of study and/or degrees:

- Aviation Maintenance Technology or programs of study developed under the Federal Aviation Administration, FAA, Part 147 regulations.
- Upon submission of a current FAA license(s), Middle Georgia College will give credit for courses that are required to obtain a current FAA license(s).

Taking Courses at MGC as a Transient Student

A student who has taken work in a college or university may apply for temporary registration in MGC. Such a student will ordinarily be one who expects to return to the college or university in which he or she was previously enrolled.

The following policies shall govern the admission of students on a transient status:

1. The admissions officer of MGC must have evidence that the institution the student previously attended was an accredited or approved institution.
2. An applicant will be accepted as a transient only when it appears that the applicant's previous academic work is of a satisfactory quality. The director of admissions shall have the right to require the applicant to submit a transcript from all of the applicant's previous college work.
3. An applicant for admission as a transient student must present a statement from the registrar of the institution which the student last attended recommending the student's admission as a transient student.
4. In case of doubt about the qualifications of an applicant who seeks admission as a transient student, the director of admissions may classify the applicant as a transfer student and require the applicant to comply with all regulations regarding the admission of transfer students.
5. Because a college's primary obligation is to its regularly enrolled students, MGC will consider the acceptance of transient students only when their acceptance will cause no hardship or inconvenience to the institution or its regularly enrolled students.

Taking Courses at Other Institutions as a Transient Student

A student currently enrolled in and actively seeking a degree from MGC may enroll as a transient student at another accredited institution with the permission of MGC. Such a student must be one who plans to return to MGC. The student wishing to pursue transient coursework should contact the Registrar's Office at 478-934-3036 to initiate the approval process. The Registrar's Office may refer the student to an appropriate academic advisor. The student must seek permission and the College will decide on a course-by-course basis. The student must obtain permission before registration for each term in which the student will pursue transient credit. Without the specific permission of the Vice President for Academic Affairs, no student will be allowed to obtain more than six semester hours or ten quarter hours toward graduation from MGC. No credit will be awarded for grades less than "C". Regardless of grade obtained, transient courses taken at other institutions will not count toward the student's Middle Georgia College institutional grade-point average calculation.

Seminars, Short Courses, and Institutes

Applicants seeking admission to seminars, short courses, and institutes with programs of work that carry academic credit shall be required to meet all requirements prescribed for admission of students to undergraduate or graduate programs of work.

Applicants who wish to enroll in noncredit seminars, short courses, and institutes shall present convincing evidence to prove:

1. That the applicant has the educational background and the ability to pursue successfully the program of work that he or she wishes to take.
2. That the applicant is of good character, that he or she possesses a sense of social responsibility, and that he or she has the capacity of growth and development in the program to which admission is sought.

In the case of an applicant who is seeking admission to a non-credit seminar, short course, or institute, the institution shall have the right to prescribe the types of evidence that an applicant must submit in order to establish his or her qualifications for admission.

Auditors

The institution may prescribe such admission requirements for auditors as the institution may think necessary or desirable. Auditors will be expected to pay fees at the regular rates except in cases in which they enroll as auditors under special regulations of the Board of Regents. Students may not transfer from audit to credit status or vice versa. The symbol "V" on a transcript indicates that a student was granted permission to audit the course.

Out-of-State Students

Out-of-state students or students who have lived in Georgia for less than 12 months must meet all requirements and qualifications as prescribed by the College. University System of Georgia requirements concerning the payment of non-resident tuition are in the catalog section "Fees and Expenses".

Summary of Admission Requirements

1. Application completed at www.mgc.edu/admissions.
2. Submission of the application for admission at least twenty days before the first day of registration for the semester in which the student intends to enroll.
3. Application fee to accompany the application.
4. Housing application fee to accompany the residence hall application.
5. If applicable, official transcript of high school credits and official transcripts from all colleges attended, if any.

6. If applicable, SAT or ACT scores.
7. Completed immunization form for all new students.

Note: A student who does not enroll for the semester for which he or she is accepted for admission and who plans to enroll at a later date should notify the Admissions Office twenty days before the first day of registration for the semester of intended enrollment. An offer of admission is term-specific, and a student not enrolling in the term for which application was made is not guaranteed admission to a later term.

Readmission Requirements

Middle Georgia College is at all times open and receptive to its former students' desire to return to college. A former Middle Georgia College student who has not attended classes at Middle Georgia College in two or more consecutive semesters, or who has attended another college, university or technical school/college since their last enrollment at Middle Georgia College, must submit a Readmission Application to the Registrar's Office. The Readmission Application can be found online at www.mgc.edu/registrar/.

The Readmission Application may be mailed, faxed, or submitted in person to the MGC Registrar's Office. The student must immediately contact any and all schools/colleges attended since last attending Middle Georgia College to have their final, official academic transcripts forwarded to the Registrar's Office immediately. If it has been **five or more years** since the student last attended Middle Georgia College, the student must contact **all** schools/colleges ever attended to have their final, official transcripts forwarded to Middle Georgia College. (Transcripts from prior schools are not kept beyond five years.) This will prevent delays in registration for MGC classes.

IMPORTANT THINGS TO KNOW:

A. A former Middle Georgia College student who is currently attending another school, but would like to take a class or classes at Middle Georgia College for one semester must contact the Registrar's Office at the school they are currently attending. That school must give permission for the student to attend Middle Georgia College as a transient student. The student must make sure that an Original Transient Permission Letter from the school they are currently attending is received in the Registrar's Office of Middle Georgia College. This will prevent delays in registration for Middle Georgia College classes.
B. If the student last attended Middle Georgia College five or more years ago, and was then enrolled in Learning Support courses, and did not exit all areas of that series of courses, then the student will be required to take the COMPASS Placement Exam as a part

of the readmission requirements. When the readmission application is received, the student will be notified by mail of a testing date.

Physical and Learning Disabilities

All applicants for admission to Middle Georgia College will be invited, at the time of acceptance, to notify the college if any special accommodations will be required because of physical and/or learning disabilities. This notice should be sent to the Coordinator of Services for Students with Disabilities of the college as soon as possible to allow ample time for the college to determine if it will be able to meet the requirements for accommodation.

The Coordinator will set up a conference with the student, his or her parents or guardians, and any other appropriate persons, such as the student's vocational rehabilitation counselor, to determine the student's needs and to discuss what special accommodations the college can provide.

The college does not ask for information about disabilities before the student is accepted for admission. However, any prospective student may volunteer such information in advance of application, and the college will provide as much information as possible to help the student and his or her advisors determine what accommodations are available.

The college has several services that may meet the needs of some learning disabled students. These services include, but are not limited to, Learning Support, the Academic Support Center, counseling, and note taking assistance.

The University System of Georgia requires that for a student to be classified as learning disabled, he or she must submit an evaluation no more than three years old made by a professional clinical psychologist. In some situations, additional information may be required. For information about the specific diagnostic tests that will be accepted and locations of testing centers, one should contact the Coordinator of Services for Students with Disabilities at Middle Georgia College at 478-934-3023. This documentation is required before the student makes requests for substitution of courses, additional semesters in Learning Support, modifications of testing procedures, or other special accommodations.

Fees and Expenses

Tuition and fees are established annually by the Board of Regents of the University System of Georgia. All students enrolled at the college are required to pay tuition. Legal residents of the State of Georgia pay instate tuition, while students who are not legal residents of the State of Georgia pay out-of-state tuition.

All students enrolled, regardless of residency status, are required to pay a records fee, a technology fee, parking fee, and a campus card fee. Students are required to pay activity and athletic fees which differ based upon the semester credit hours in which they are enrolled. Residential students on the Cochran campus are required to pay a health fee. A full description of the programs and services funded by these fees is included in the *Student Handbook*, which is available from the Student Development Office. All fees must be paid in advance each semester.

Prospective and current students are encouraged to verify fee rates with the Business Office since all fees are subject to change at the end of any semester. The following fees are effective fall Semester 2005.

Full-time Student
(Enrolled in 12 or more semester credit hours)

	Per Credit Hour	Full-Time Rate
Tuition:		
In-State (Returning)	$ 67.00	$ 794.00
In-State (New)	$ 68.00	$ 802.00
Out-of-State (Returning)	$265.00	$3175.00
Out-of-State (New)	$268.00	$3206.00
Mandatory Fees*:		
Campus Card	N/A	$ 15.00
Activity Fee	$ 3.50	$ 42.00
Athletic Fee	$ 6.00	$ 72.00
Health**	N/A	$ 25.00
Parking	N/A	$ 10.00
Records	N/A	$ 10.00
Technology	N/A	$ 38.00

* All students except as noted
** Residential students

Housing:	
Double, traditional	$1,200.00
Single, traditional	$1,800.00
Single Suite Historic (Browning & Talmadge)	$1,900.00
Gateway Suite	$1,950.00

GAMES Double Suite	$1,600.00
Harris Apartment Single	$2,430.00

Meals:

19 meal w/late night	$1,185.00
14 meal w/late night	$1,080.00
10 meal w/late night	$1,050.00

Miscellaneous/Special Fees:

Application Fee	$ 20.00 (non-refundable)
Application Fee - GAMES	$ 20.00 (non-refundable)
Application Fee – Housing	$ 35.00 (non-refundable)
Applied Music (per 1/2 hr)	$ 225.00 (non-refundable)
Late Registration Fee	$ 10.00 (non-refundable)
Graduation Fee	$ 35.00 (non-refundable)
Laboratory Fee	$ 15.00 (non-refundable)
Golf Course Fee	$ 50.00 (non-refundable)
Returned Check Fee	$ 25.00 (non-refundable)
Lost ID Fee	$ 10.00 (non-refundable)
Room Deposit	$ 200.00*
Special Exam Fee	Varies

Less than Full-time Students

All students are required to pay the records fee of $10.00, the technology fee of $38.00, the parking fee of $10, and the campus card fee of $15.00. The activity fee for students taking less than 12 semester hours is $3.50 per semester credit hour. The athletic fee for students taking less than 12 semester hours is $6.00 per semester credit hour.

Housing/Meal Requirement

All Cochran campus students enrolled for nine or more semester credit hours who are under 21 years of age and whose permanent address is beyond commuting distance to the college must live in the college residence halls. Only the Director of Residence Life can grant permission for these students to live off campus. All students living in the residence halls are required to purchase a meal plan.

Other Estimated Expenses

It is estimated that the cost of books and supplies will be approximately $400.00 to $600.00 per semester depending upon the student's course of study. The amount of spending money for clothing, recreation, and transportation is dependent solely upon the judgment of the student and his or her family.

Miscellaneous/Special Fees

Application Fee (Regular): An application fee of $20.00 must accompany the application for admission and should be mailed to the Director of Admissions. The fee is non-refundable.

Application Fee (Georgia Academy for Mathematics, Engineering and Sciences-G.A.M.E.S.): An application fee of $20.00 must accompany the application for admission and should be mailed to the Director of Admissions. The fee is non-refundable. (The Regular Application Fee does not apply to G.A.M.E.S. applicants.)

Application Fee – Housing: An application fee of $35 must accompany the application for housing and should be mailed to the Office of Residence Life. The fee in non-refundable.

Applied Music Fees: In addition to the matriculation charge, there is an applied music fee charged for private music lessons in voice or instrument. The fee is $225.00 per semester for a 30-minute lesson per week or $450.00 per semester for a 60-minute lesson per week. The fee is non-refundable.

Graduation Fee: A graduation fee of $35.00 is due prior to the start of the semester in which the student expects to graduate. The fee covers the engraving of the diploma and cap and gown rental. The fee is non-refundable.

Golf Course Fee: A non-refundable fee of up to $50.00 is charged for all students enrolled in a golf class. The fee is non-refundable.

Laboratory Fee: A non-refundable fee of $15.00 is charged for each class which has a lab component. The fee is non-refundable.

Late Registration Fee: A non-refundable fee of $10.00 will be charged for late registration.

Room Reservation/Damage Deposit: Effective fall 2006 a $200.00 deposit must accompany each application for housing.

Special Examination Fees: Fees for special examinations will be set at the rate prescribed for the College Level Examination Program (CLEP).

Fee Payment

Payment of tuition and fees is due upon registration. Registration and fee payment dates are published each semester. Payment of fees and other charges may be made with cash, checks, approved financial aid (except Federal Work Study and Parent PLUS loans), and credit cards. Visa, MasterCard, and Discover are accepted on campus in the Business Office, in the College Bookstore, as well as at http://www.mgc.edu for fee payment via the internet.

Students who register for courses and pay the appropriate fees shall be considered enrolled and space shall be reserved in the class(es) for the duration of the term.

All payments returned due to insufficient funds are subject to a $25 returned check fee. Middle Georgia College is an educational institution, and therefore does not have the resources to perform extensive debt collection activities. For this reason, past due, delinquent accounts and returned checks will be assigned to a collection agency.

Housing Application and Room Deposit

An application fee of $35.00 must accompany each residence hall application. The residence hall application and all other correspondence concerning residence halls should be sent directly to the Office of Residence Life. Upon receipt of a completed application, the housing office will prepare a housing contract and mail it to the student. The student must read and sign this contract, submit a refundable $200.00 security/damage deposit, and return the signed contract along with the $200.00 to the housing office.

The $200.00 deposit is refundable if the Office of Residence Life receives a written cancellation notice at least six weeks prior to the beginning of the semester for which the student has applied. If the student occupies the room which has been reserved, the $200.00 room reservation/damage deposit will be held in escrow to be credited against any damage to the room or other college property ascribed to the student.

Periodic residence hall inspections are conducted to assess any damages. In cases where the party responsible for damage to the residence hall cannot be determined, all residents of the hall may be assessed for the damage. If at any time the damage assessment exceeds one half of the damage deposit, the student will be billed to bring the balance back up to $200.00. If total damages exceed the full $200.00, the student will be notified and transcripts will be withheld until assessment is paid in full. The deposit, less any charges, is refunded following the student's last semester in the residence hall.

Students are required to comply with all regulations of the section of this catalog headed "Student Housing."

Refunds for Withdrawal

Refunds of fees and charges will be made only upon official withdrawal from all classes through the Registrar's Office. **A student who partially withdraws (drops a class) after the official drop/add period does not receive a refund.**

The Middle Georgia College refund schedule is established by the policies of the Board of Regents of the University System of Georgia.

The refund amount for students withdrawing from the institution shall be based on a pro rata percentage determined by dividing the number of calendar days in the semester that the student completed by the total calendar days in the semester. The total calendar days in a semester

includes weekends, but excludes scheduled breaks of five or more days and days that a student was on an approved leave of absence. The unearned portion shall be refunded up to the point in time that the amount earned equals 60%.

Students who withdraw from the institution when the calculated percentage of completion is greater than 60% are not entitled to a refund of any portion of institutional charges.

A refund of all tuition and other mandatory fees shall be made in the event of death of a student at any time during the academic session.

Classification of Students for Tuition Purposes

1. An independent student who has established and maintained a domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term shall be classified as "in-state" for tuition purposes.

2. A dependent student shall be classified as "in-state" for tuition purposes if either i) the dependent student's parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and the student has graduated from a Georgia high school or ii) the dependent student's parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and the parent claimed the student as a dependent on the parent's most recent federal income tax return.

3. A dependent student shall be classified as "in-state" for tuition purposes if a U.S. court-appointed legal guardian has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term, provided that appointment was not made to avoid payment of out-of-state tuition and the U.S. court-appointed legal guardian can provide clear evidence of having established and maintained domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term.

4. If an independent student classified as "in-state" relocates temporarily but returns to the State of Georgia within 12 months, the student shall be entitled to retain in-state tuition classification.

5. If the parent or U.S. court-appointed legal guardian of a dependent student currently classified as "in-state" for tuition purposes

establishes domicile outside of Georgia after having established and maintained domicile in the State of Georgia, the student may retain in-state tuition classification as long as the student remains continuously enrolled in a public postsecondary educational institution in the state, regardless of the domicile of the parent or U.S. court-appointed legal guardian.

6. Noncitizens initially shall not be classified as "in-state" for tuition purposes unless there is evidence to warrant consideration of in-state classification. Lawful permanent residents, refugees, asylees, or other eligible noncitizens as defined by federal Title IV regulations may be extended the same consideration as citizens of the United States in determining whether they qualify for in-state classification. International students who reside in the United States under nonimmigrant status conditioned at least in part upon intent not to abandon a foreign domicile are not eligible for in-state classification.

7. Full-time employees of the University System, their spouses, and their dependent children shall pay the same fees assessed residents of Georgia.

8. Military personnel, their spouses, and their dependent children stationed in or assigned to Georgia and on active duty shall pay the same fees assessed residents of Georgia.

9. Full-time employees in the public schools of Georgia or the Department of Technical and Adult Education, their spouses, and their dependent children may enroll as students in the University System institutions on the payment of resident fees. Teachers employed full-time on military bases in Georgia also qualify for this waiver.

Student Financial Aid

The primary purpose of the financial aid programs at Middle Georgia College is to provide financial assistance to students who, without such aid, would be unable to attend college. Financial aid includes grants, loans, part-time work, and scholarships. The established need of a student may be met through one or a combination of two or more of these sources.

The primary responsibility for financing a college education lies with the student and the student's family. The family is expected to contribute a proportionate share of its resources for this purpose, and the student is also expected to contribute a share. Eligibility does not carry over from one year to the next, and new applications must be filed every year. Up-to-date information and accuracy are essential to the process.

Financial Aid Basic Eligibility To be eligible to receive financial aid, a student must meet the following requirements:

- Be a United States citizen or permanent resident of the United States;
- Be accepted for admission to an approved degree-seeking program or one of several certificate programs offered;
- Be making progress toward the completion of a chosen course of study according to the "Middle Georgia College Satisfactory Progress Policy";
- Not be in default on any loan and not have borrowed in excess of loan limits under the Title IV programs at any institution;
- Not owe a refund on any grant received under the Title IV programs at any institution; and
- Certify that he/she is registered with Selective Service or is not required to register.

How to Apply for Financial Aid

- Apply for admission to the College online at www.mgc.edu/admissions.
- Complete the Free Application for Federal Student Aid (FAFSA) at www.fafsa.ed.gov. Middle Georgia College's code is "001581" and should be listed on the application so that Middle Georgia College will receive the Student Aid Report (SAR) electronically.
- A person whose SAR is selected for verification will be required to complete a Verification Worksheet and furnish applicable tax returns and W-2 forms.
- The Office of Financial Aid will contact applicants if additional information or applications are needed to process the request for student financial aid. Prompt responses to these requests prevent delays.

- Beginning in January of each year students must re-apply and re-establish their financial aid eligibility. Forms are available beginning in January.
- Students are encouraged to apply prior to April 1 to receive maximum consideration. Applications received after this date will be processed as time and funds permit. Students who fail to complete the application process by semester deadlines should be prepared to pay all fees incurred and wait for reimbursement upon completion of their application.

Semester	Deadline
Fall	April 1
Summer	April 15
Spring	November 15

- Students wishing to attend summer semester(s) should contact the Office of Financial Aid regarding additional forms to complete.

Descriptions of Programs

Information on the following programs was prepared with current policies, rules, and regulations applicable at the time of print. Information is subject to change.

Pell Grant

This program is the foundation of all financial aid programs. It is designed to assist undergraduate students (those who have not earned a bachelor's or first professional degree) to pay some of the expenses for their education after high school. Aid from other sources, federal and non-federal, may be added. Grants do not have to be repaid.

Supplemental Educational Opportunity Grant (SEOG)

This grant is for students with exceptional financial need (with priority given to Pell Grant recipients). No repayment is required. Funds are limited, and there is no guarantee that every eligible student will be able to receive the SEOG.

College Work-Study Program (CWSP)

The Work-Study program pro-vides part-time jobs for students who establish need for financial aid. The program is used, along with other programs, to help meet that need. Work must be performed before the benefits are paid and the award cannot be applied to expenses at the beginning of a semester. A student must maintain satisfactory academic progress and be enrolled at least half-time to remain eligible.

Federal Stafford Loan

A Federal Stafford Loan is a low-interest, educational loan authorized by the Federal and State governments to help students meet the costs of higher education.

A subsidized Federal Stafford Loan is a need-based loan, which means the amount a student is eligible to receive is based on financial need. The federal government pays the interest that accrues on a subsidized Federal Stafford Loan while the student is attending school at least half-time, during the six month grace period, and during deferment periods.

An unsubsidized Federal Stafford Loan is a non-need based loan, which means the amount a student is eligible to receive is not based on financial need. If one receives an unsubsidized Federal Stafford Loan, one will be responsible for all interest that accrues on the loan from the date of disbursement forward.

Separate loan applications must be certified by the Office of Financial Aid. Interest rates and regulations are subject to Congressional action and are subject to change.

First-time borrowers must wait thirty days after classes begin before the initial disbursement is made. During this period, the student must attend classes regularly and must be making satisfactory progress in class work before the delivery can be made. Satisfactory progress in class work will be determined by the instructor's recommendation during this thirty-day period. A first-time borrower must attend loan counseling prior to the first disbursement, and all borrowers are required to complete an exit interview upon graduation, withdrawal, or dropping below a half-time level of enrollment. All counseling sessions may be completed online at mapping-your-future.org.

Plus Loans (For Parents)

This program provides loans to parents on behalf of their dependent student. Repayment begins sixty days after the final disbursement of funds. Interest rates are determined by federal regulations. Applications must be certified by the Office of Financial Aid. Regulations are subject to change by Congressional action. Additional details are available on request.

Service Cancelable Loans

Each year the Georgia Student Finance Authority authorizes a limited number of Federal Stafford Loans with cancellation benefits. These loans are for students who are enrolled in the Associate of Science in Nursing degree programs at Middle Georgia College. The student must be a resident of Georgia and accepted into the Nursing Program. Interested students should contact the Office of Financial Aid to apply for these funds.

Academic Competitiveness Grant (ACG)

Beginning with the 2006-2007 academic year, the Department of Education created the Academic Competitiveness Grant for graduating high school students who pursue a college degree. An eligible student may receive an Academic Competitiveness Grant (ACG) of $750 for the first academic year of study and $1,300 for the second academic year of study. Please refer to the Middle Georgia College web site for more information regarding eligibility requirements.

Leveraging Educational Assistance Partnership Grant (LEAP)

This grant was created to provide educational grant assistance to residents of Georgia who demonstrate substantial financial need. No repayment is required. Funds are limited, and there is no guarantee that every eligible student will be able to receive the LEAP Grant. The student must apply for and be eligible to receive the Pell Grant.

Helping Outstanding Pupils Educationally

NOTE: This information is current at the time of publication and is subject to change.

HOPE is Georgia's unique scholarship program that awards financial assistance for students' hard work. HOPE applies to any tuition and HOPE-approved mandatory fees. It also provides a book allowance up to $150 per semester.

To qualify for the HOPE Scholarship, a student must have the following qualifications:

- Have graduated from an eligible high school with a "B" average, as defined by the HOPE program, or have earned at least a 3.0 grade point average at the college level at specific credit-hour checkpoints.
- Be enrolled as a degree-seeking student at Middle Georgia College.
- Be a legal resident of Georgia.
- Be a U.S. citizen or national of the U.S. or have evidence from the Department of Homeland Security (DHS) of eligible permanent resident alien status.
- Be in compliance with Selective Service registration requirements.
- Be in compliance with the Georgia Drug-Free Postsecondary Education Act of 1990. A student is ineligible if he or she has been convicted for committing certain felony offenses involving marijuana, controlled substances, or dangerous drugs.
- Not be in default or owe a refund on a student financial aid program.
- Maintain satisfactory academic progress as defined by the college.

Entering freshmen who have earned HOPE Scholarship eligibility must achieve a cumulative grade point average of 3.0/4.0 or better at the end of every spring semester in order to maintain eligibility. There is an exception for freshmen enrolled in less than 12 credit hours in each of their first three terms. These students will be evaluated at the end of their third term. Additional grade point average check points will occur at the 30, 60 and 90 attempted hour thresholds.

HOPE Scholarship payments will terminate at the 127 attempted hour threshold. Students who reach this attempted hour limit will no longer be eligible for the HOPE Scholarship.

All attempted hours and corresponding grades as shown on an official transcript (including remedial hours) are counted toward the HOPE cumulative grade point average and the 127 attempted hour threshold. This coursework can take place at any institution. Out of state enrollment is applied toward the 127 hour limit and grade point average requirement.

Any college degree credit hours attempted and/or earned prior to high school graduation and hours exempted by examination do not count as attempted hours and do not count when calculating HOPE cumulative grade point average.

Students may apply for the HOPE Scholarship by completing a FASFA at www.fasfa.ed.gov or a GSFAPP at gacollege411.org. For additional questions regarding the HOPE Scholarship, contact the Office of Financial Aid.

HOPE Grant

Georgia's HOPE Grant (a separate program from the HOPE Scholarship) is available to legal residents of Georgia who are enrolled in one of our Certificate Programs. The HOPE Grant is available to certificate seeking students regardless of high school graduation date or grade point average.

In order to qualify for the HOPE Grant, a student must meet the following criteria:

- Be enrolled in a Board of Regents approved certificate program at Middle Georgia College.
- Be a legal resident of Georgia
- Be a U.S. citizen or national of the U.S. or have evidence from the Department of Homeland Security (DHS) of eligible permanent resident alien status.
- Be in compliance with Selective Service registration requirements.
- Be in compliance with the Georgia Drug-Free Postsecondary Education Act of 1990. A student is ineligible if he or she has been convicted for committing certain felony offenses involving marijuana, controlled substances, or dangerous drugs.

- Not be in default or owe a refund on a student financial aid program.
- Maintain satisfactory academic progress, as defined by the college.
- Not have received HOPE Grant payment for more than 64 semester or 95 quarter hours.

Interested students may apply for the HOPE Grant by completing a GSFAPP at gacollege411.org.

HOPE GED Grant

Georgia's HOPE GED Grant is available to legal residents of Georgia who earned a General Education Development (GED/high school equivalency) diploma awarded by the Georgia Department of Technical and Adult Education after June 30, 1993. The Grant provides a one-time $500 HOPE award that can be used towards tuition, books, and other educational costs for students who are accepted in a degree, diploma, or certificate program at Middle Georgia College.

Full-time enrollment is not required. Students must use their HOPE GED Grant within 24 months of the date of their GED diploma. Military personnel have 52 months to exercise eligibility.

In order to qualify for the HOPE GED Grant, a student must meet the following criteria:

- Receive a GED diploma from the Georgia Department of Technical and Adult Education after June 30, 1993.
- Enroll as a certificate or degree seeking student at Middle Georgia College.
- Be a legal resident of Georgia.
- Be a U.S. citizen or national of the U.S. or have evidence from the Department of Homeland Security (DHS) of eligible permanent resident alien status.
- Be in compliance with Selective Service registration requirements.
- Be in compliance with the Georgia Drug-Free Postsecondary Education Act of 1990. A student is ineligible if he or she has been convicted for committing certain felony offenses involving marijuana, controlled substances, or dangerous drugs.
- Not be in default or owe a refund on a student financial aid program.
- Maintain satisfactory academic progress as defined by the college.

Eligible HOPE GED recipients should contact the Office of Financial Aid regarding application procedures.

Accel Program

The Accel Program gives Georgia high school students the opportunity to earn college degree-level credit hours as they simultaneously meet their high school graduation requirements. The program provides grant assistance toward the cost of attendance at Middle Georgia College.

In order to qualify for the Accel Program, a student must meet the following criteria:

- Be classified as a high school junior or senior pursuing a high school diploma from an eligible Georgia public or private high school;
- Be enrolled at Middle Georgia College as a dual credit student taking approved college degree-level course work;
- Be a legal resident of Georgia;
- Be a U.S. citizen or national of the U.S. or have evidence from the Department of Homeland Security (DHS) of eligible permanent resident alien status;
- Be in compliance with Selective Service registration requirements;
- Be in compliance with the Georgia Drug-Free Postsecondary Education Act of 1990;
- Not be in default or owe a refund on a student financial aid program;
- Maintain satisfactory academic progress, as defined by the college.

Interested students should contact their high school counselor for a current Accel application.

National Hope Scholarship and Lifetime Learning Credits

The Taxpayer Relief Act of 1997 allows certain taxpayers who pay qualified tuition and related expenses to an eligible educational institution to claim a Hope Scholarship Credit or a Lifetime Learning Credit against their federal income tax liability. For a taxpayer to be eligible for the Hope Scholarship Credit or the Lifetime Learning Credit, qualified tuition and related expenses must be paid by the taxpayer to an eligible educational institution for the taxpayer, the taxpayer's spouse, or any dependents. The Hope Scholarship Credit is available for certain taxpayers who pay qualified tuition and related expenses of students enrolled at least half-time in the first two years of postsecondary education. These credits can only be claimed for two years for each student. The student should consult with their tax advisor to determine the applicability of these credits to their individual situation.

Pickett and Hatcher Educational Fund, Inc.

Non-commercial trust fund created to assist full-time undergraduate students in fields other than law, medicine, or the ministry. Low-interest loans with deferred payments are made to qualified residents of the southeastern states. The deadline for submitting applications is July 1. Application forms and information must be requested from the Pickett & Hatcher Educational Fund, Inc., P.O. Box 8169, Columbus, GA 31908. Repayment is required.

Veterans Administration Benefits

The Department of Veteran Affairs (VA) provides educational benefits under the Montgomery GI Bill, which includes both the Active Duty Educational Assistance Program (Chapter 30) and the Selected Reserve Educational Assistance Program (Chapter 1606).

The Department of Veteran Affairs (VA) also provides benefits under the Post-Vietnam Era Veterans Education Assistance Program (VEAP) and for the Survivors and Dependents Educational Assistance Program (Chapter 35) to eligible dependents of certain veterans.

To receive a formal decision from the VA, Chapter 30, 1606 and 35 applicants must file and online application at www.gibill.gov. For more information, applicants should contact the Veteran's Clerk in the Registrar's Office located in Peacock Hall at Middle Georgia College.

Vocational Rehabilitation

The Vocational Rehabilitation Agency, a division of the Georgia Department of Human Resources, may be able to provide assistance to students who have physical limitations and who have reasonable expectations of becoming employed. The student should contact the nearest Vocational Rehabilitation Office for details of this program.

Heart of Georgia RESA's Workforce Investment Act (WIA) Individual Training Accounts

Tuition may be paid for students who are not eligible for HOPE, Trade Adjustment Assistance (TAA) or other available financial aid.

WIA may pay for books required by the instructor if other financial aid is not available. Example: If HOPE is available, WIA may pay the remainder of the book balance.

Please contact Heart of Georgia RESA at (478) 374-2240 ext. 37 for additional information.

Scholarships

If funding is available, scholarships will provide partial tuition awards to full-time students at Middle Georgia College. Funds are normally

divided equally among the two semesters. Middle Georgia College has a variety of scholarships available.

General Scholarship Applications are available online at www.mgc.edu/financialaid/scholarships.cfm. This general application ensures a student's accessibility to all scholarships awarded by the Middle Georgia College Scholarship Committee. **Please note: Scholarship applications must be received by April 1 for consideration of fall semester scholarship funds. Scholarships are based on limited availability.**

Applications and Forms

Application information is available online at www.mgc.edu/financialaid or at the Office of Student Financial Aid, Middle Georgia College, Cochran, GA 31014 (478-934-3133). Application forms may also be available in high school counselor's offices, at the Dublin Center, and at the Eastman campus.

I. Operating Policies

The following operating policies are designed to ensure that the Office of Student Financial Aid is effective in carrying out its responsibilities:

A. All funds available to the College for assistance to students shall be administered through the Office of Financial Aid. Nominations of individuals to receive certain designated scholarships and athletic awards shall be submitted by the responsible department or agency to the Office of Financial Aid for processing.
B. All federal work-study student employment shall be administered through the Office of Financial Aid. It shall be the responsibility of the Office of Financial Aid to cooperate with the employing office in matching the capabilities of the individual student to the requirements of the job. Wage schedules to be applied to students' part-time positions are set by the Financial Aid Committee.
C. Students applying for financial assistance are to be given consideration for all of the programs administered by the college for which they are eligible. The student's aid package may consist of any combination that best meets the student's financial needs.
D. The Office of Financial Aid shall maintain records to ensure that a student's financial aid package does not exceed his/her cost of attendance and that total program expenditures do not exceed allocation levels. Additionally, the Office of Financial Aid will monitor payroll records to ensure that work study students do not earn more than his/her allotted award.

II. Awards of Financial Aid

Financial aid eligibility is established through the Free Application for Federal Student Aid (FAFSA). The information on this application is used in a formula, established by the U.S. Congress, to calculate an Expected Family Contribution (EFC). An EFC is the amount a student and/or the student's family are expected to contribute toward the student's education. Financial aid need is the difference between the cost of attendance (tuition, fees, room, board, books, supplies, and miscellaneous expenses) and the student's EFC.

The estimated cost of education for a Georgia resident is $9,166 per academic year (2006-2007). This estimate included two semesters of tuition and fees, books, supplies, room and board, and personal expenses. An additional out-of-state fee assessed on all non-Georgia residents increases this estimate to $13,790 (2006-2007).

Awards are based on information provided by the student on the initial application. Any changes to this basic information (marital status, number of dependents, place of residence, withdrawal, reduction in the number of hours carried, private scholarship awards, receipt of VA benefits) should be reported to the Office of Financial Aid immediately. To prevent over-awards, the Office of Financial Aid reserves the right to review and/or modify a student's award at anytime.

Financial aid awards are subject to the availability of funds and regulations which govern each program. A student must be eligible to receive aid at the time of disbursement as governed by these regulations. Aid awarded is based on a full-time enrollment status. Awards will be adjusted according to actual number of hours of enrollment. Full-time enrollment is 12 credit hours per semester; half-time is 6 credit hours per semester. If a student changes enrollment status for a semester during Drop/Add and such change causes an overpayment, a student must repay the overpayment. Students should keep the Office of Financial Aid informed when enrollment status changes.

Financial aid is awarded by the Office of Financial Aid and disbursed by the Business Office.

Financial Aid Return of Title IV Funds: Effective Fall Semester 2000, federal law specifies how an institution must determine the amount of Federal Student Aid assistance that a student earns if they withdraw from school. A specific formula was developed to calculate the percentage of earned aid. If the student was disbursed less assistance than they had earned, they will be able to receive those additional funds. If the student was disbursed more federal aid than they earned, the student and the institution will share in the returning of excess funds to the appropriate state, federal or private entity. If the student received excess funds based

on this calculation, the school must return a portion of the excess equal to the lesser of:

- The student's institutional charges multiplied by the unearned percentage of funds earned, or
- The entire amount of the excess funds.

If the school is not required to return all of the excess funds, the student must return the remaining amount. The order of funds that the institution must return is as follows:

- Unsubsidized Federal Stafford Loan
- Subsidized Federal Stafford Loan
- Federal Perkins Loan
- Federal Plus
- Federal Pell Grant
- Federal SEOG Grant
- Other Title IV programs

The student will repay the loan funds in accordance with terms of the promissory note. If the student is responsible for returning grant funds, they do not return the full amount. The law stipulates that the student is not required to return more than 50 percent of the grant assistance that they were calculated to return. Any grant amount that a student must return is considered a grant overpayment. They must arrange with the school to repay these funds within 45 days.

Example 1:
Student A received the following financial aid:

Subsidized Loan	$1,275
Federal Pell Grant	+ 325
Total	$1,600
Institutional Charges	$1,200
Student's Refund	$ 400

Student A withdrew from school after completing 10% (# of days completed/total # days in semester = %) of the total semester.

- Fall Semester began August 18 and ended December 17
- Student withdrew on August 29
- This is the 12th day of a semester that is 120 days long.

Federal law states that this student has "earned" 10% of Federal aid disbursed:

100% of aid	$1,600
10% of earned aid	$ 160
90% unearned aid	$1,440

The institution and the student will share the 90% of unearned aid to be returned. The institution's portion is determined by multiplying the total charges ($1200) by the unearned percentage (90%), which will be $1080.00. This will be returned to the Subsidized Loan program.

The student will be responsible for the remaining balance.

Unearned aid	$1,440
Institutional	$1,080
Student Share	$ 360

The balance of the loan, $195, will be returned in accordance with terms of the promissory note. The remaining $165 would be returned at a 50% rate to the Federal Pell Grant program.

Pell Grant	$ 165
	x 50%
	$ 82.50

Student A would need to make arrangements with Middle Georgia College to repay $82.50 to the Pell Grant program within 45 days.

Example 2:

Student B received the following financial aid:

Unsubsidized Loan	$2,000
Subsidized	+$1,600
Total	$3,600
Institutional Charges	-$3,000
Student's Refund	$ 600

Student B withdrew from school after completing 40% (# of days completed/total # days in semester = %) of the total semester.

- Fall semester began August 18 and ended December 17
- Student withdrew on October 5
- This is the 48th day of a semester that is 120 days long.

Federal law states that this student has "earned" 40% of Federal aid disbursed:

100% of aid	$3,600
40% earned aid	-$1,440
60% unearned aid	$2,160

The institution and the student will share the 60% of unearned aid to be returned. The institution's portion is determined by multiplying the total

charges ($3000) by the unearned percentage (60%), which will be $1800.00. This will be returned to the Unsubsidized Loan Program.

The student will be responsible for the remaining balance.

Unearned aid	$2,160
Institutional	-$1,800
Student Share	$ 360

Because the $360.00 of the student share represents loan fund, Student B will not repay these funds until entering repayment on all loans.

Financial Aid for Transient Students:

Financial Aid is available to qualified applicants to attend another institution as a transient student. Awards will be offered based upon individual eligibility and availability of funds. Applicants seeking aid to attend another institution as a transient student must submit the following before ANY funds can be disbursed:

A. Applicant must complete a FAFSA for the appropriate academic year (for example, fall 2006 through summer 2007 is considered to be the 2006-2007 academic year).
B. A copy of the Transient Permission Letter from Middle Georgia College's Registrar's Office stating the class(es) the applicant is registering for is applicable to student's degree.
C. A completed Consortium Agreement completed by the other institution's Office of Financial Aid. Note: All institutions do not participate in consortium agreements. The student should contact the financial aid office at the host institution prior to enrollment.

If the student is a HOPE Scholarship recipient, in addition to completing Step A and Step B from above, they must contact Middle Georgia College's Office of Financial Aid to complete the Transient HOPE Scholarship Agreement form before the HOPE Eligibility Certificate for Transient Study will be sent to the other institution. For more information contact the Office of Financial Aid.

III. Satisfactory Academic Progress Policy

Student recipients of financial aid are required to maintain satisfactory academic progress in order to maintain eligibility for the various state and federal student aid programs.

Satisfactory academic progress is defined as the advancement of a student toward his/her degree objective in a manner consistent with institutional policy. This policy states that a student must simultaneously maintain a minimum grade point average and percentage of completion for the total number of credit hours attempted. Additionally, students

may not exceed 150% of the number of hours required for a particular course of study (150% rule). As an example, assume that a course of study requires 67 hours for completion. A student who is pursuing this course of study will lose financial aid eligibility after he/she attempts 100 or more hours (150%). Special consideration is given to non-credit learning support courses in the calculation of the 150% rule.

To ensure that student's are making satisfactory academic progress toward his/her degree, the Office of Financial Aid will monitor progress at the conclusion of each semester. The following charts depict the grade point average (qualitative) and percentage completion (quantitative) standards:

Semester Hours Attempted At Middle Georgia College	The student must have successfully completed at least this % of all credit hours attempted
0 - 20	60%
21 - 40	65%
41 - 59	70%
60 or above	75%

Semester Hours Attempted At Middle Georgia College	Minimum Acceptable Cumulative Grade-Point Average
0 – 12	1.0
13 – 23	1.3
24 – 35	1.4
36 – 46	1.5
47 – 57	1.6
58 and over	1.7

V. Satisfactory Academic Progress (SAP) Appeal Procedures

A student who wishes to appeal the decision of the financial aid director in regard to SAP must complete an SAP appeal form and submit it to the Office of Financial Aid for review. An appeal should explain circumstances and the basis of the appeal. The Director of Financial Aid will make the final decision. The student will be informed of the decision in writing. Students whose appeals are approved will continue to have their records reviewed at the end of each semester.

VI. Learning Support Courses (LS) and College Preparatory Curriculum (CPC)

Students who are required to enroll in either of the above programs will have those hours counted toward fulfilling the requirements of the

Satisfactory Progress Policy, even though no credit hours are awarded, if grades of A, B, C, D, or In Progress (IP) are made. The maximum number of hours of learning support and college preparatory curriculum courses combined that may be counted toward receiving financial aid is thirty (30). After this maximum is reached, no learning support or college preparatory curriculum courses may be used to determine the enrollment status of a student for financial aid purposes.

VII. Repeated Courses

It is permissible to repeat a course in which a D or lower grade was made. Also, a course from which the student withdrew may be repeated. However, such courses have been counted and have an effect on cumulative totals for SAP.

VIII. Audited Courses

Financial aid cannot be used to pay for audited courses, nor can audited courses be counted toward establishing enrollment status for the student. Aid will be determined according to the number of hours enrolled excluding audits.

IMPORTANT NOTICE

Student Mailboxes & E-mail Accounts

Every dorm resident student is assigned a student mailbox at the campus post office in Georgia Hall. All students are assigned student e-mail accounts. These mailboxes and e-mail accounts should be checked frequently for important announcements. Important official mail is placed in campus post office boxes and is posted to student e-mail accounts, including (but not limited to) information about Regents' Testing, graduation, etc.

Students should check their campus post office box and their student e-mail account AT LEAST WEEKLY to avoid potential serious consequences resulting from missed official mail and notices.

Academic Information

Academic Advising

Middle Georgia College recognizes the importance of a thorough program of academic advising. While it is ultimately the responsibility of students to select and follow a program of study which will lead to their academic objective, the College provides academic advising to assist students.

Each student is assigned to a division for advising according to the stated program of study. Students are then reassigned to the most appropriate faculty member within that division, who will assist them in planning the program of study each semester.

Academic advisors are available to help students with their academic planning throughout their programs at Middle Georgia College.

Advisors aid the students in selecting academic subjects, in interpreting college requirements, and in meeting these requirements in correct sequence. Students are encouraged to confer with advisors frequently and to discuss with advisors any academic problems which they encounter.

Credits

Credits are interpreted in terms of semester hours. A semester-hour of credit is given for one clock hour of class per week for a semester. A subject or course that meets three hours per week for a semester is equal to three semester hours. In general, a laboratory carries one semester hour of credit for two or three clock hours per week.

Course and Study Load

A schedule of 12 or more semester hours is classified as a full-time load. The normal course load for a full-time student is 12 to 18 semester hours. A student who wishes to graduate in two years must earn approximately 17 credit hours each semester. It will require three years to graduate if a student takes the minimum number of hours (12) to be classified as a full-time student. A load of fewer than 12 semester hours is classified as a part-time load.

In general, an average student will need to spend about 30 hours each week in preparation for a full academic course load. For this reason, a student is urged to plan adequate time for course preparation, especially if the student works full or part time.

Permission for Overload

Enrollment for more than 18 academic semester hours must be approved by one's advisor and the Vice President for Academic Affairs.

Attendance Policy

The classroom experience is a vital part of college education. Interaction with instructors and other students is an important element of the learning process. Regular and punctual attendance in all classes is the student's responsibility. A high correlation exists between class attendance and course grades, and a student must understand the importance of regular participation in classroom and laboratory activities. The absence of any student affects the performance of the class as a whole. Absence from class for whatever reason does not excuse a student from full responsibility for class work or assignments missed.

The college believes that all class meetings are important and requires that a student abide by the attendance policies adopted for individual classes by instructors. Precise course attendance policies and penalties imposed for excessive absences are left to the discretion of individual instructors. The attendance policy will be presented in writing in the syllabus for both on-campus and online courses at the beginning of the semester. The instructor has the option of withdrawing students from the course who exceed the maximum number of permitted absences (as defined in the syllabus). If the withdrawal occurs before the midterm date, the student will receive a "W". If the withdrawal occurs after the midterm date, the student will receive a "WF". Withdrawal notices will be sent to students; however, failure to receive a notice does not constitute grounds for an administrative review of "W" or "WF". A student may request an administrative review of a "W" or "WF" by following these procedures:

Step One: Consult with the instructor within two working days (or prior to the next class meeting) after receiving the withdrawal notice. If not resolved, proceed to Step Two.

Step Two: Within two working days, the student should submit a written request for a meeting with the Division Chair and instructor (or instructor may elect to submit relevant documentation instead). If not resolved, proceed to Step Three.

Step Three: Within two working days, the student should submit a written request for a meeting with the Vice President for Academic Affairs, the Chair, and the instructor (or Chair and instructor may elect to submit relevant documentation instead).

The Vice President's decision is final and binding on all parties. Students will be allowed to continue in the course until the review process has been completed. However, further restrictions may apply as stipulated in the syllabus. Failure to follow the above procedures will terminate the review process and the student's enrollment in the course.

Although absences for authorized college activities will not be counted toward the limits stated in any syllabus' policy, the student's individual

instructor(s) must be informed well in advance, and student and sponsor must follow these procedures:

Step One: At least one week in advance of the absence, the sponsoring college employee must submit a completed "Official Class Absence Statement" form to the Vice President for Academic Affairs (VPAA).

Step Two: The form must be approved by the VPAA.

Step Three: The VPAA will return the signed form to the sponsor.

Step Four: The sponsor will provide a copy of the signed form to each listed student.

Step Five: Each student is responsible for presenting the form to the instructor(s) no later than two days prior to the absence.

Step Six: The student's instructor(s) should initial the form acknowledging receipt of official notification.

Failure to follow any of these procedures by either student or sponsor may result in the student being counted absent.

Cancellation of Registration

Students who wish to cancel their registration for all courses for a given term must contact the Registrar's Office prior to or on the first day of class to be eligible for a complete refund from the Business Office.

Dropping and Adding Courses Without Penalty

Prior to the end of the Drop/Add period (as designated in the Academic Calendar) a student may change their semester schedule of classes without penalty (without receiving a grade of "W" or "WF" in the course). Students should initiate all schedule changes by seeing their academic advisor, requesting the completion of a Drop-Add Form, obtaining the required signatures, and submitting it to the Registrar's Office. Students may not change their semester schedule without presenting to the Registrar's Office a Drop-Add Notice signed by the faculty advisor.

Dropping and Adding Courses After the Drop/Add Period

After the Drop/Add period and up to and including the mid-term date (as designated in the Academic Calendar) a student may drop a course with the grade of "W" providing the student correctly follows the drop procedure. Students should initiate all drops by seeing their academic advisor, requesting the completion of a Drop-Add Form, obtaining the required signatures, and submitting it to the Registrar's Office. Students may not drop a course after the drop/add period without presenting to the Registrar's Office a Drop-Add Notice signed by the faculty advisor and the Vice President for Academic Affairs.

After the mid-term date (as designated in the Academic Calendar) a student who drops a course, or who is administratively dropped from a course, will receive the grade of "WF". NOTE: The only exception to this policy is in cases of hardship. A faculty member may recommend the grade of "W" after the mid-term date if: (1) the student is passing at the time of dropping the course, and (2) the hardship is of a non-academic nature. The recommendation should be submitted by the faculty member, in writing with justification, to the Division Chair, who will forward it with his or her recommendation to the Vice President for Academic Affairs for final action.

Complete Withdrawal From All Courses

Students who wish to withdraw from all courses for which they are registered for a given term must contact the Registrar's Office. If the student withdraws from all courses prior to the midterm date, (as designated in the Academic Calendar) a "W" will be assigned in all courses for that term. A request for refund will be sent to the Business Office with a copy of the withdrawal form in order for any refund to be processed. If a student withdraws after the mid term date, a "WF" will be assigned in all courses. This information will be forwarded to the Business Office. No refund will be granted after mid term.

Student Medical Withdrawals

A student may be administratively withdrawn from the college when in the judgment of the Vice President for Student and Institutional Development (VPSID) it is determined that the student suffers from a physical, mental, emotional, or psychological health condition which: (a) poses a significant danger or threat of physical harm to the student or to the person or property of others; (b) causes the student to interfere with the rights of other members of the college community or with the exercise of any proper activities or functions of the college or its personnel; or (c) causes the student to be unable to meet institutional requirements for admission and continued enrollment, as defined in the Student Conduct Code and other publications of the College. The VPSID may consult with the college physician and/or the student's personal physician, if any.

Except in emergency situations, a student shall, upon request, be accorded an appropriate hearing prior to the final decision concerning his or her continued enrollment at the college.

After the mid-term date of the semester a student may request a voluntary medical withdrawal when the student has a physical, mental, emotional, or psychological health condition that prevents him/her from completing the semester. Requests for voluntary medical withdrawal should be submitted to the Office of Student and Institutional Development. Documentation substantiating the request must be received

in the Office of Student and Institutional Development directly from the attending physician.

Classification

Students are classified according to the number of semester hours of credit earned (exclusive of institutional credit):

1. A freshman is any student who has fewer than 30 semester hours of earned credit.
2. A sophomore is any student who has 30 semester hours or more of earned credit.
3. A junior is any student who has earned 60 semester hours or more of earned credit.
4. A senior is any student who has earned 90 semester hours or more of earned credit.

Grading System

All institutions in the University System of Georgia use a 4.0 grade-point average system. The following grades have been approved for use by Middle Georgia College and are included in the determination of the grade-point average. Note: exceptions are listed elsewhere in this catalog.

Letter Grade			Grade Points
A	Excellent	90-100	4.0
B	Good	80-89	3.0
C	Satisfactory	70-79	2.0
D	Passing	60-69	1.0
F	Failure	Below 60	0
WF	Withdrew failing		0

The following symbols are approved for use in the cases indicated, but will not be included in the determination of the grade-point average:

"I" This symbol indicates that a student was performing satisfactory work, but for non-academic reasons beyond the student's control, was unable to meet the full requirements for completion of the course. An "I" not removed the succeeding semester automatically becomes an "F" (summer semester is not counted as a succeeding semester).

"W" This symbol indicates that a student was permitted to withdraw without penalty. Withdrawals without penalty will not be permitted after the mid-point of the total grading period (including final examinations) except in cases of hardship as determined by the Vice President for Academic Affairs.

"IP" This symbol indicates that a student's work is in progress. It is assigned when a student enrolled in a learning support course makes progress during the semester but fails to reach the competency required to complete the course. The student is to enroll in the course again the next semester.

"S" This symbol indicates that the student successfully completed a course. This grade is given for courses which award institution credit only.

"U" This symbol indicates that the student was unsuccessful in completing a course. This grade is given for courses with award institution credit only.

"V" This symbol indicates that a student was given permission to audit the course. Students may not transfer from audit to credit status or vice versa.

"K" This symbol indicates that a student was given credit for the course via an approved credit by examination program (CLEP, AP, Proficiency, etc.).

Grade-Point Average (GPA) Computation

The formula for computing a student's GPA is as follows: Total Quality Points Earned ÷ Total Semester Hours Attempted = GPA. Quality points are calculated on college degree credit courses, not institutional credit courses. A semester GPA is computed for each semester's courses, and a cumulative GPA is computed, using the same formula, for all courses ever taken at Middle Georgia College.

To arrive at quality points, one should multiply the semester-hour value of college-level courses (all courses numbered 1000 or higher) by the point value of the grade earned. A sample computation of a student's one semester's academic record is shown below:

Course	Semester Hours	Grade Earned	Grade Points	Quality Points
ENGL 1101	3	B	3	9
MATH 1111	3	C	2	6
SCIN 1105	4	C	2	8
POLS 1101	3	B	3	9
MGCS 1101	2	B	3	6
PHED 1118	1	A	4	4
	16			42

42 ÷ 16 = 2.625 Grade Point Average

Repeated Courses

In order to improve academic background, a student may repeat courses in which the student has previously been enrolled. Both the

original course grade and the repeated course grade will be recorded on the student's official transcript. However, the last recorded grade for the course will be used to determine the Middle Georgia College (MGC) cumulative grade-point average (GPA).

If a student repeats a course at MGC and makes a lower grade, the higher grade can be used for graduation purposes as long as the higher grade meets requirements for the student's degree program. However, the lower grade will be included in the student's cumulative GPA.

If a student takes a course at another institution and transfers it to MGC, then repeats the course at MGC and makes a lower grade, the higher grade from the transfer institution can be used for graduation purposes as long as the higher grade meets requirements for the student's degree program. However, the lower grade will be included in the student's cumulative GPA.

NOTE: The above policies related to repeated courses are specific to Middle Georgia College. Other institutions may carry different policies. Students should check the college catalog from institutions to which they wish to transfer to determine policies related to repeated courses that are specific to those schools. While the above policy may adjust a student's Middle Georgia College cumulative grade point average, it does NOT adjust the grade point average used for financial aid eligibility determinations. These policies may not affect the grade point average an accepting institution uses to determine admission acceptance of students transferring from Middle Georgia College. The above policies do not supersede policies related to U.S. Constitution and Georgia Legislative requirements and policies related to American Government and U.S. History courses taken out of state. See page 92 for policies related to those requirements.

Grade Reports

Final Grade Reports may be viewed by students via BannerWeb. Instructions for accessing Final Grade Reports can be found at the MGC website on the Registrar's webpage under "Grades" (www.mgc.edu/registrar/).

Transcript of Record

1. Any person who has attended Middle Georgia College is entitled to a transcript of their academic credits. However, no transcript may be released if the student owes the college money or if there is a hold on the student's record (i.e. parking tickets, returned checks, financial aid problems). Complete instructions for obtaining transcripts may be accessed at the MGC website on the Registrar's webpage under "Transcript Requests" (www.mgc.edu/registrar/). Students may also

contact the Registrar's Office at (478) 934-3036 for instructions on how to obtain a transcript.

Academic Honors

Dean's List: Students enrolled at Middle Georgia College for at least 12 semester hours of course work and who earn a semester grade-point average of at least 3.5 will be placed on the Dean's List, which is published each semester. Students must have satisfied all Learning Support requirements to be eligible for the Dean's List. Courses numbered below 1000 do not apply toward credit hours or grades required.

Merit List: A student earning a semester grade-point average of at least 3.5 while carrying between 3 an 11 semester hours will be placed on the Merit List. A student must have satisfied all Learning Support requirements to be eligible for the Merit List. Courses numbered below 1000 do not apply toward credit hours or grades required.

Honors: A student having a cumulative grade-point average of at least 3.5 at the time of graduation will be graduated with honors. A student having a cumulative grade-point average of 3.9 or greater at the time of graduation will be graduated with highest honors.

Academic Standards

A. A student is required to maintain an acceptable minimum grade-point average in order to remain in good academic standing at Middle Georgia College. The following standards have been set by the faculty:

Cumulative GPA Hours Taken at MGC	Minimum Acceptable Cumulative GPA
0-12	1.5
13-24	1.6
25-36	1.7
37-48	1.8
49-60	1.9
60+	2.0

B. A student whose cumulative grade-point average falls below the minimum acceptable level will be placed on academic probation for the next semester.

C. Probation may be removed by achieving the minimum acceptable cumulative grade-point average as displayed above.

D. A student whose cumulative grade-point average falls below the minimum acceptable level for two successive semesters will be placed on academic suspension (academic drop) from the college for one semester, with two exceptions:

   a. Even though the minimum acceptable cumulative grade-point average is not achieved while on academic

probation, a student who earns at least a grade-point average of 2.0 for the semester will be continued on probation for the next semester of attendance.

b. A student who is placed on academic suspension (academic drop) at the end of the spring semester will be permitted to re-enter the following fall semester if the student has attended the intervening summer term and has earned a grade-point average of 2.0 or better in that summer term while carrying a minimum of six (6) academic credit hours.

E. A student placed on academic suspension (academic drop) may appeal by letter to the Vice President for Academic Affairs, who will refer the appeal to the Academic Progress Committee. The letter of appeal should contain an explanation of any extenuating circumstances relating to the academic suspension and must be received by the Vice President for Academic Affairs no later than 10:00 a.m. on the day before registration. The decision of the Academic Progress Committee is final and binding.

Graduation Requirements

Students must contact their academic advisor to request that a graduation check sheet be completed and forwarded to the Registrar's Office the semester proceeding the semester of the student's anticipated graduation date. The requirements for graduation are as follows:

A. Complete the required courses and credit hours outlined in this catalog for the program and degree for which the student is a candidate.
B. Have a 2.0 or higher graduation GPA.
C. Complete a minimum of 60 semester hours of academic work plus any required physical education and health courses to receive an associate degree.
D. Satisfactory completion of the Regents' Testing Program is required for an associate or baccalaureate degree.
E. In accordance with Georgia state law, examinations on the histories and constitutions of the United States and of the State of Georgia are required of all students receiving degrees from Middle Georgia College unless the student has successfully completed the required courses dealing with these histories and constitutions.
F. Complete a minimum of 40 semester hours of degree requirements for Bachelor degrees, 20 semester hours of degree requirements for Associate degrees, and 10 semester hours of requirements for Certificates at Middle Georgia College and be registered at the college during the semester that all graduations

requirements are satisfied. (Under extenuating circumstances, and with prior approval of the Vice President for Academic Affairs, a maximum of 6 semester hours may be transferred back to Middle Georgia College from another college to complete an associate degree program.)

G. Meet all financial and other obligations to the College.

Graduation exercises are held once each year at the end of the spring semester. Students completing graduation requirements during the summer or fall semesters are invited to participate in the graduation exercises held at the end of the following spring semester. Students completing graduation requirements during the spring semester have the option of participating in the graduation exercises. **NOTE: Students must have completed all graduation requirements in order to participate in the spring graduation exercises.**

Regents' Testing Program

A test required by the Board of Regents of the University System of Georgia to assess the competency level in reading and writing is administered to all students enrolled in degree programs. Excerpts from the Board of Regents' policy on this examination are as follows:

Board Policy 307

The formulation and administration of the Regents' Writing and Reading Skills requirement shall be determined by the Chancellor.

Each institution of the University System of Georgia shall ensure that students obtaining a degree from a System institution possess certain minimum skills of reading and writing, hereinafter called Regents' Writing and Reading Skills. The Regents' Writing and Reading Skills requirement has been developed to help attain this goal. The Regents' Writing and Reading Skills requirement will ensure students have competence, at a minimum Systemwide level, in reading and writing.

Students enrolled in undergraduate degree programs leading to the baccalaureate degree will be required to complete the Regents' Writing and Reading Skills requirement as a requirement for graduation.

The Regents' Writing and Reading Skills requirement is not a requirement for an associate of applied science degree or an associate of science degree in an allied health field, although institutions may choose to require it for these degrees. (BR Minutes, 1986-87, p. 371, 1987-88, pp. 129-30).

A student holding a baccalaureate or higher degree from a regionally accredited institution of higher education will not be required to complete the Regents' Writing and Reading Skills requirement in order to receive a degree from a University System institution (BR Minutes, 1987-88, pp. 129-30).

There shall be two System-mandated courses in writing and in reading that represent a vehicle for meeting the Regents' Writing and Reading Skills requirement.

There will be Systemwide tests administered in reading and in writing. These tests will be referred to collectively as the Regents' Test. The Regents' Test is designed to provide an additional method for satisfying the Regents' Writing and Reading Skills requirement.

The formulation and administration of the Regents' Test and the Regents' Writing and Reading Skills requirement shall be as determined by the Chancellor and prescribed in the Academic Affairs Handbook. (BR Minutes, August 2004)

In order to comply with this policy and to abide by the Board of Regents' criteria, MGC uses the following policies in carrying out the Regents' Testing Program.

1. Students enrolled in undergraduate degree programs leading to the associate or baccalaureate degree at Middle Georgia College will be required to complete the Regents' Writing and Reading Skills requirement as a requirement for graduation. Students may satisfy the Regents' Skills requirement by passing or exempting the test (see items 2, 11, and 12 for exemptions).
2. Students who have a baccalaureate or higher degree from a regionally accredited college are exempted from taking the Regents' Test.
3. The Director of Testing serves as the Coordinator of the Regents' Testing Program.
4. Students are encouraged to take the Regents' Test during the semester in which they are enrolled in English 1101.
5. Students must take the Regents' Test during the semester of enrollment immediately following the completion of 30 college-level semester hours.
6. Students testing for the first time are required to take both parts of the Regents' Test.
7. Passing the Regents' Test is defined as scoring above the minimum levels of competence expected of college graduates in the areas of reading and writing. These minimum levels are applied statewide.
8. Students who have earned 45 credit hours and have not passed both parts of the Regents' Test must take the appropriate Regents' Skills remediation course(s) (RGTR 0198 and/or RGTE 0199) during each subsequent semester of enrollment. Students enrolled in a Regents' Skills remediation course must pass the corresponding Regents' Test in order to receive a passing grade for the course.

9. Students not passing the remediation course receive a "U" and must repeat the course until they pass. Those passing receive a grade of "S."
10. Each remediation course carries three hours of institutional credit.
11. Students may exempt the reading skills remediation course (RGTR 0198) by scoring at or above specified scores on the following examinations:
    - Regents' Reading Test exemption score: 61
    - SAT-I Verbal exemption score: 510
    - ACT Reading exemption score: 23
      NOTE: SAT or ACT scores must be from a national administration. Scores from institutional SAT or residual ACT tests will not be acceptable for this purpose.
12. Students may exempt the writing skills remediation course (RGTE 0199) by scoring at or above specified scores on the following examinations:
    - Regents' Essay Test exemption score: 2
    - College Board Advanced Placement (AP) English Language and Composition Exemption score: 3
    - College Board Advanced Placement (AP) English Literature and Composition exemption score: 3
    - International Baccalaureate (IB) higher-level English exemption score: 4
    - SAT II English Writing exemption score: 650
    - SAT-I Verbal score of at least 530 and a grade of "A" in English 1101, or
      SAT-I Verbal score of at least 590 and a grade of "B" in English 1101, or
      ACT English score of at least 23 and a grade of "A" in English 1101, or
      ACT English score of at least 26 and a grade of "B" in English 1101.
      NOTE: Not available for students entering MGC Summer 2008 or later.
    - SAT Reasoning Test, Writing Section exemption score: 560
      NOTE: Effective Spring 2007.
13. Having passed the Regents' Test shall not be a condition to transfer into a University System of Georgia institution. However, students transferring from outside of the System with 30 or more semester hours should take the test during their first semester of enrollment at a System institution. Transfer students with more than 45 semester hours who have not passed both parts of the test before enrolling in their third semester at a System institution

must take remediation courses each semester of enrollment until they have passed both parts.

14. Students who have not passed the Regents' Test after multiple attempts after earning 45 semester hours qualify for specialized remediation according to the following terms of college policy:
    - For a student who has already taken the test three or four times, and has twice completed the regular remediation course to the satisfaction of the instructors, there will be a specialized remediation section with more personalized instruction, in which the primary activity is reading and/or writing under the direct supervision and guidance of the instructor.
    - For a student who has already taken the test five times or more and has completed the regular remediation course at least three times to the satisfaction of the instructors, an independent study section of the Skills course will be offered. The course will be taught by an instructor who has a background in the specific remedial subject and will be structured to maximize benefit to the individual student.
    - All students enrolled in these courses are strongly encouraged to get evaluated at a Regents Center for Learning Disorder (RCLD) or a similar campus facility for specific reading and writing impediments.
15. A student may request a formal review of his or her failure on the essay component of the Regents' Test if that student's essay received at least one passing score among the three scores awarded. This review will be conducted in accordance with Board approved procedures.

Grade Appeal Policy and Procedure

Instructors are responsible for informing students of the basis on which grades in each class will be assigned. Assignment of grades is the responsibility of the instructor and presumes fairness and best professional judgment. It should be understood that the student who chooses to appeal a grade must assume the burden of proof concerning any believed error in the grade assigned.

1. The student must appeal directly to the instructor within 20 school days after the beginning of classes in the term following the one in which the grade was reported. Every reasonable effort should be made by both parties to resolve the matter as expeditiously as time and circumstances permit.
2. If the question is not resolved by step "1," the student may file a written appeal to the Division Chair within five school days after an attempt to resolve the matter with the instructor. Within ten

school days of receipt of the written appeal, the Division Chair will schedule a conference with the student and the faculty member in an effort to resolve the grievance. The student and the faculty member will be notified in writing of the date, time, and place of the conference. Within five school days of the conference, the Division Chair will prepare a report of the disposition of the matter with copies to the student, the faculty, and the Divisional record.

3. If either the student or the instructor wishes to appeal the disposition of the matter in step "2", he or she may do so in writing to the Vice President for Academic Affairs within five school days of the receipt of the Division Chair's report. If, in the Vice President's discretion, the appeal and record of previous actions indicate further consideration of the matter is not warranted, the Vice President for Academic Affairs will so notify the student, faculty member, and the Division Chair within five school days of receipt of the appeal. In this case, the Division Chair's decision shall be upheld. If the Vice President decides to hear the appeal, the Vice President will schedule a conference with the Division Chair, instructor, and student within ten school days of the receipt of the written appeal and notify the student, faculty member, and Division Chair in writing of the date, time, and place. Within five school days of the conference, the Vice President will prepare a written decision with copies to the student, faculty member, and Division Chair.
4. Either the student or the faculty member may appeal the Vice President's decision to the President. This must be done in writing within five school days of receipt of the Vice President's decision. If, in the President's discretion, the appeal and record of previous actions indicate further consideration of the matter is not warranted, the President will so notify the student, faculty member, Division Chair, and Vice President within five school days of receipt of the appeal. In this case, the Vice President's decision shall be upheld. If the President decides to hear the appeal, he or she will conduct a hearing with all involved parties within ten days of the appeal. Notification of date, time, and place shall be made in writing. Within five school days of the hearing, the President shall issue a written decision with copies to all involved parties. The President's decision is final and binding.

Time Limitations for Grade Appeal

Extension of Time. It is important to good relationships that grievances be initiated and processed as rapidly as possible. Every effort shall be made by all parties to expedite the process. The time limitations specified

herein may be extended only by written mutual agreement by both parties. The appeal process may be condensed and steps omitted by written mutual agreement by both parties. This may be especially important when a decision is necessary prior to the next semester's registration. When an appeal is in process, the student may continue to attend classes as if the appeal had been decided in the student's favor. If the final outcome of the appeal is not in the student's favor, the student is to be administratively withdrawn from any class(es) for which the student is not eligible to enroll.

Effect of Failure to Appeal Within Time Limit. If there is no written mutual agreement to extend the time limit set herein, and if the decision is not appealed to the next step of the procedure within the specified time limit, the grievance shall be deemed settled on the basis of the last decision rendered.

General Provisions for Grade Appeals

Identification. All written appeals shall include the name and position of the aggrieved party and a brief statement of the nature of the grievance and the redress sought by the aggrieved party.

Advisor/Attorney. If a student so desires, he or she may engage an advisor or employ an attorney at his or her own expense to provide council at any level of the appeal procedure. However, the advisor or attorney may not participate directly in answering or asking questions during the hearing process. If either the student or the faculty member is to be accompanied by an advisor or an attorney to the hearing, each must notify the other at least 24 hours prior to the hearing. The notification shall include the name, occupation, and relationship of the advisor or attorney to the party.

G. A. M. E. S.
The Georgia Academy of Mathematics, Engineering, and Science

Introduction

Fall quarter, 1997, marked the beginning of a unique program on the campus of Middle Georgia College. The Georgia Academy of Mathematics, Engineering, and Science (GAMES) is a residential, joint-enrollment program for top-performing high school juniors and seniors. GAMES allows students who meet the strenuous admission requirements to obtain high school and college credit simultaneously while enrolled full-time in college courses. The 2006-2007 class of GAMES enrollees is an outstanding group of students from across Georgia. Their average SAT score was 1212, and their average academic core high school grade-point average was 3.92 on a 4.0 scale.

Enrollment

In most cases, students will enter the GAMES program at the beginning of their junior or senior year of high school. In rare cases, a younger student exhibiting remarkable abilities may be considered for admission (see requirements below). Obtaining an associate degree from Middle Georgia College with approximately two successful years of study is possible in most majors. Therefore, through the awarding of joint-enrollment credit, it is possible for students enrolling at the beginning of their junior year to receive an associate degree from Middle Georgia College and a high school diploma (awarded by the student's high school) simultaneously. Some majors such as engineering may take longer to obtain the associate degree due to the number of credits required and depending on the initial placement of the student in the required math sequence. Due to this, many students pursuing a career in engineering will elect to major in physics or mathematics while enrolled at MGC. This enables the student to earn an associate degree and then begin the engineering sequence at the transfer institution.

Admissions Requirements

Students wishing to apply for admission to the GAMES program must complete the GAMES application form. Application forms for the regular Middle Georgia College programs will not be accepted. The application form for GAMES may be obtained by contacting GAMES at 478-934-3471; printing an application off the web at www.mgc.edu (click on GAMES); via e-mail at games@mgc.edu; or by mailing a request to GAMES, 1100 Second Street, SE, Cochran, Georgia 31014. Admission is competitive, so early application is recommended.

Minimum requirements for admission to the GAMES program are as follows:

1. A cumulative 3.5 grade-point average on a 4.0 scale in academic core classes taken in high school;

2. A total verbal and math score of 1100 on the SAT examination (ACT composite score of 24) with minimum subscores of 560 on the math section (ACT math score of 24) and 530 on the verbal section (ACT English score of 23) – the essay section of the SAT is not included at this time;
3. Enrollment in an accelerated college prep curriculum;
4. Submission of three recommendation forms provided by GAMES (one must be completed by the student's math instructor, one by a science instructor, and the third by the student's high school counselor), an essay, and high school disciplinary record;
5. Completion of on-campus interviews of the student and at least one parent or guardian is required.

In rare cases, students may be considered for admission without meeting the college preparatory course requirements if they have obtained an SAT score which places them in the top 5% nationally. Each year the University System of Georgia will set the requisite score to qualify for such consideration; the average score is 1370 but varies each year. Many other factors will be carefully considered in determining the suitability of such a student for admission to the GAMES program.

Majors and Degree Programs

While most GAMES students choose majors in mathematics, science, or engineering, GAMES students may major in any associate degree program offered at MGC listed on pages 136 through 208.

Residential Life and Regulations

GAMES students are required to live on campus and are housed in Anderson Hall. College officials provide supervision for the GAMES students. A full-time residence director and assistant residence director live in the residence hall. The GAMES Student Life Director coordinates enrichment activities for GAMES students. Anderson Hall is one of the most technologically advanced residence halls on campus with direct Internet connections in all rooms and a separate Academic Center housing space for both academic and social interaction. Rooms are double occupancy with four students sharing a suite with bath. Intervisitation of the opposite gender is not allowed. Housing applications are supplied in the student's acceptance package.

As is appropriate for the age of the GAMES students, residential life rules and regulations are more stringent than those applied to other Middle Georgia College students. Potential GAMES students should read the GAMES student handbook and the Middle Georgia College student handbook and carefully review all requirements, regulations, and disciplinary procedures. GAMES student handbook regulations take

precedence over similar general student handbook regulations. Both the GAMES and MGC Student Handbooks are available at the MGC website at www.mgc.edu.

Academic Policies

GAMES students overall are subject to the academic policies which apply to all Middle Georgia College students. Therefore, students should carefully review such policies. Many of these policies are listed in another section of this catalog and elsewhere. Policies particular to GAMES students are listed below.

A GAMES student will be placed on academic probation if the student's semester GPA falls below a 2.75 on a 4.0 scale. The student shall have one semester to improve the semester and/or cumulative GPA to 2.75 or higher. If the student fails to do so, the student is subject to dismissal from the program and the college. A student will be immediately dismissed if his semester GPA is 2.5 or below.

A GAMES student, except in rare cases, will simultaneously work toward a high school diploma and an associate degree. Students have the primary responsibility for ensuring that appropriate progress is being made toward the high school diploma by communicating and coordinating efforts with their high school counselor. The Director of GAMES and the GAMES academic advisor will assist the student and counselor. Advisement forms, completed with the assistance of the high school counselor, will be placed in each student's advising file, which lists the courses required for high school graduation and their college course equivalents. A list of suggested high school-Middle Georgia College course equivalencies will be provided to students and high school counselors. The course equivalencies list is also on file with the State Board of Education.

The Georgia State Board of Education and the University System of Georgia permit GAMES students to take more college-level courses than a typical joint-enrollment student in which would normally be their junior year of high school.

GAMES students will be required to complete all sections of the Georgia High School Graduation and/or End of Course test. The test sections will be administered on the Middle Georgia College campus by a testing specialist from the local school system and results will be forwarded to the student's high school. All juniors will be encouraged to take the PSAT examination in October of their first semester at MGC. All GAMES students should take the SAT the spring semester of their last year.

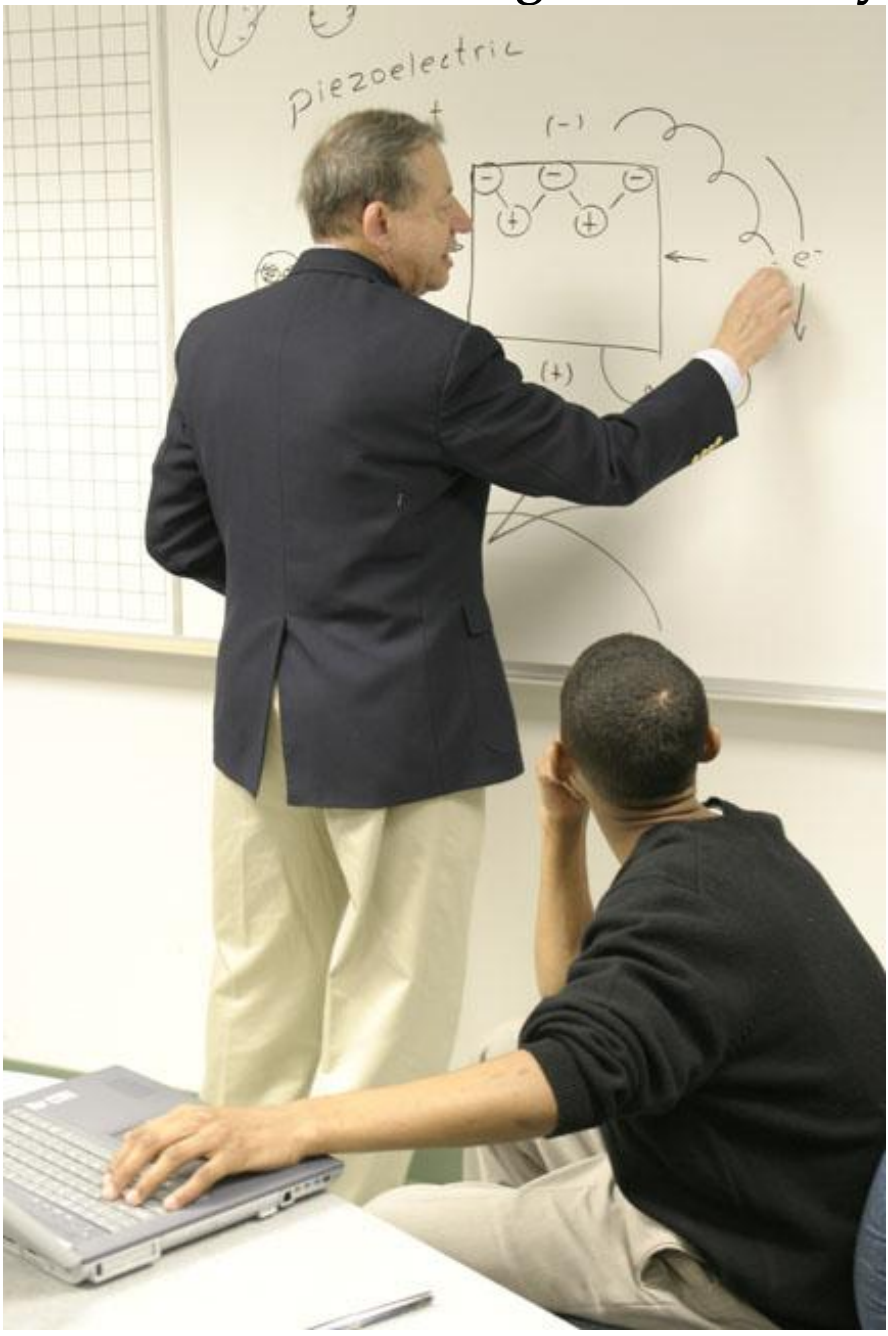
Fees and Financial Assistance

GAMES students, in spite of the enhanced level of opportunities and services provided, are subject only to the fees required of all Middle Georgia College students. These fees are listed in another section of this catalog and are subject to annual changes.

Given the exceptional quality of educational opportunities provided, Middle Georgia College fees are quite reasonable. State assistance is available to GAMES students jointly-enrolled with high schools in Georgia in the form of Accel/HOPE. This program pays the basic tuition costs of qualified students. College credit hours taken under the Accel program will count towards a student's maximum allowable hours paid for by the HOPE Scholarship.

Scholarships are available on a limited basis. Students should contact the Director of GAMES to inquire about a scholarship.

Programs of Study



Middle Georgia College offers the following types of instructional programs in keeping with its mission and goals. Classes and degrees are offered on the weekends as well as weekdays and evenings.

Baccalaureate Programs: The College offers the Bachelor of Science in Aviation Management with options in Flight, Air Traffic Control, Airport Management, and Logistics.

College Transfer Programs: As the names suggests, the college transfer programs consist of the first two years of four-year college degrees (baccalaureate degrees). A student who intends to earn a baccalaureate degree will take the freshman and sophomore courses at Middle Georgia College and then transfer to a four-year college or university to complete the degree. Middle Georgia College awards the Associate of Arts (AA) or the Associate of Science (AS) degree for completion of these programs.

Career Programs: The second major type of programs offered at Middle Georgia College is the career program. These one- or two-year programs are designed for students who wish to graduate and immediately seek employment. Career programs concentrate on specialized training to prepare the student for employment. A number of general education courses (English, math, science, social science) are also required to ensure that the student develops strong basic skills, communication skills, and a well-rounded education. Although career programs are not designed for transfer to baccalaureate degrees, many of the courses taken, and in some cases the entire programs, will transfer. Students should consult with their advisors if interested in transfer. Middle Georgia College awards the Associate of Science in Nursing and Occupational Therapy Assistant; the Associate of Applied Science (AAS); or a Certificate for completion of career programs.

Distance Learning: Middle Georgia College offers a number of its core curriculum courses online. The college also offers online associate degree programs of study in Business Administration, Criminal Justice, and Liberal Arts as well as an eighteen-hour online certificate program in Surveying.

Study Abroad: During the last few years, Middle Georgia College professors have taken students abroad as part of their courses. The process of studying a foreign country and then traveling in it broadens a student's horizons and helps the student to gain new perspectives.

Getting to know another culture and way of life can make one more employable in our global society.

The complete listing of programs offered at Middle Georgia College is as follows:

BACCALAUREATE PROGRAMS

Bachelor of Science in Aviation Management with Options in:

TRANSFER PROGRAMS

Associate of Arts Degree with a Program of Study in:

Arts and Humanities

Associate of Science Degree with a Program of Study in:

CAREER PROGRAMS

LEARNING SUPPORT

Middle Georgia College offers Learning Support courses for students who need to improve basic skills in order to be successful in college. Middle Georgia College is committed to meeting the individual student at the student's level and providing the necessary assistance to help the student succeed.

Placement

Middle Georgia College recognizes two groups of college applicants which might need the assistance of this program: (1) entering students who have a total SAT score of less than 830 or ACT composite score of less than 17, and (2) students who enter with a total SAT score of above 830 but with a score of less than 430 on the Verbal or 400 on the Mathematics portion of the SAT or with an ACT composite score above 15 but with a score of less than 17 on the English or 17 in Mathematics. Students who have a total SAT score of 830 or less or an ACT composite score of 17 or less will be asked to take the COMPASS Examination to determine placement.

Successful performance on the COMPASS Examination leads to enrollment in the regular college program. A student who scores below the acceptable level on the COMPASS Examination will be placed in Learning Support.

The Program

1. Learning Support courses include two levels of English, two levels of reading, and two levels of mathematics. In addition, a first-year experience course is recommended of all Learning Support students.
2. No degree credit is earned in Learning Support courses, but institutional credit is awarded. Grades in Learning Support courses are not included in the calculation of the grade-point average, but are included in calculations for HOPE.
3. Until Learning Support requirements have been satisfied, students are not permitted to take credit courses which require the content or the skills of the Learning Support courses as prerequisites.
4. A student may not accumulate more than twenty (20) hours of college-level credit before completing all Learning Support requirements. A student who accumulates twenty (20) degree credit hours and has not successfully completed required Learning Support courses may enroll only in Learning Support courses until all requirements are successfully completed. A transfer LS student with fewer than three semesters and twelve semester hours in an area may be granted an additional semester (up to a total of fifteen semester hours at all institutions) if that student was making

appropriate progress at the sending institution and is ready for the exit level course at the receiving institution.

5. If a student withdraws or is dropped from a Learning Support course before the mid-term date, then the student must withdraw from all non-learning support courses. This may result in being withdrawn from school.

Exit Requirements

1. In order to exit Learning Support, a student must satisfy the college's requirements for each required area. In addition, the student must score at or above the cutoff score on COMPASS in order to complete the requirements.
2. A student is allowed three attempts in any Learning Support subject area. If the student does not successfully complete the Learning Support requirements within the time limit, the student will be suspended. All time spent in Learning Support course work within the University System of Georgia counts towards the three-attempt limit.
3. Prior to suspension, the student can appeal for one additional attempt. The student must be individually evaluated and determined to have a reasonable chance of success and be in no more than one exit level course. If granted the additional attempt, the student may enroll in only the Learning Support course.

HEALTH SCIENCES PROGRAMS

The information provided in this catalog for Health Science programs is current as of this printing. For updated information, go to the Health Sciences web page at http://www.mgc.edu.

Nursing

The Associate of Science in Nursing program at MGC requires a minimum of two years of study. Nursing courses are offered in sequence. Advanced placement is available for LPNs on an individual basis. Students are advised to complete as many core courses as possible prior to entering the Nursing program.

The graduate of the program receives an Associate of Science in Nursing degree and is eligible to write the National Council Licensure Examination (NCLEX-RN) for licensure as a Registered Nurse (RN). The Nursing program is approved by the Georgia Board of Nursing and accredited by the National League for Nursing. (National League for Nursing Accrediting Commission, 61 Broadway, New York, NY 10006, (212) 363-5555, ext. 153)

The Associate of Science in Nursing program is designed to prepare graduates for entry-level practice as a Registered Nurse. Practice as an RN

occurs in a variety of acute, chronic, and community health care settings. The Georgia Statewide Articulation plan provides direct access for MGC RN's to baccalaureate completion programs, without repeating Nursing or general education core courses.

Nursing Academic Requirements

1. Students must comply with guidelines published in the nursing student policies. Students are provided with these policies on the first day of class each semester.
2. A minimum cumulative grade-point average (CGPA) of 2.5 is required to enter and reenter the nursing program.
3. Nursing courses are sequential. If a student fails a nursing course, that course or its equivalent must be successfully completed before the student can progress in the sequence. All Nursing course and clinical requirements must be met in order to earn a grade of C or better. The theory grading system is: A=90-100, B=80-89, C=75-79, D=60-74, F= below 60. Grades will not be rounded. The clinical grading system is Satisfactory/Unsatisfactory. A clinical grade of Unsatisfactory results in a clinical failure and a grade of "F" for the course.
4. The Regents' Testing program requirements must be satisfied prior to admission to the last term of nursing.
5. A student who is unsuccessful in NURS 1711 or must reapply to the generic program by the dates posted on the Nursing Home Page. A student who leaves the nursing sequence at any time after completing the first semester must submit a reentry application at least 3-months prior to the expected reentry date. All current requirements of the nursing program must be met.
6. A student who has failed one Health Science course at another program may be allowed to apply, provided the student is eligible to return to the transferring program. A student who has failed two Health Science courses will not be allowed to enter the Nursing program.
7. The nursing program must be completed within 4 years. Students applying for reentry will be required to repeat any nursing courses that will exceed the four-year limit as of the projected date of graduation.
8. Successful completion of a Dosage and Solutions Qualifying Examination is required each term. One rewrite/reattempt is allowed, if necessary.
9. Each course in the nursing program may involve standardized testing. Requirements for this testing will be explained in the course syllabus distributed to students on the first day of class. A minimum score on these examinations will be required to successfully complete the course.

10. **Exit Examination requirement:** Students enrolled in NURS 2741 will be required to take and pass an Exit Examination. The examination will be given at least 3 weeks prior to the end of the semester. Students who fail to make the required score will be given remediation activities to complete prior to repeating the examination at the end of the semester. Students who are unable to make the required score the second opportunity will receive a course grade of "D" for the course.
11. Nursing program costs, in addition to regular MGC fees, include (approximate-subject to change):
12. Student Uniforms and Accessories (2 years) $150.00
13. Textbooks & Supplemental course materials (2 years) $850.00
14. Clinical Facility Requirements $200.00
15. Testing Fee $250.00
16. Liability Insurance $ 30.00
17. Transportation to Clinical Facilities Varies*

*Travel to clinical sites may be extensive. Nursing travel generally is within a 60 mile radius of class site. Travel expenses are the responsibility of the student.

Occupational Therapy Assistant Program

The Associate of Science in Occupational Therapy Assistant (OTA) Program at Middle Georgia College requires at least two years of study. The OTA program may be completed on a full-time basis in two years or on a part-time basis in three or more years. Occupational Therapy Assistant courses are offered sequentially beginning in the fall. Some general education courses are recommended for the summer prior to the fall start of OTA courses and BIOL 2114 is required prior to fall for freshman students on the two-year track.

The Occupational Therapy Assistant Program prepares graduates to provide entry-level services under the supervision of an occupational therapist. These services include the use of purposeful activities to develop, maintain, or restore adaptive daily living skills and occupations for individuals whose functional activities are impaired due to physical or psychosocial disabilities, developmental deficits, aging, poverty, or socio-cultural differences.

The graduate of the Occupational Therapy Assistant Program receives an Associate of Science in Occupational Therapy Assistant degree. Middle Georgia College's Occupational Therapy Assistant Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220, (301) 652-2682. Graduates of the program are eligible to take the national certification examination for the Occupational Therapy Assistant, administered by the National Board for Certification in Occupational

Therapy (NBCOT), 800 S. Frederick Avenue, Suite 200, Gaithersburg, MD 20877-4150, (301) 990-7979. After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). Georgia requires licensure to practice as a COTA.

OTA Program costs, in addition to regular MGC fees, include: (approximate – subject to change):

Student Uniforms and Accessories (2 years)		$ 100.00
Textbooks – OTA Courses (2 years)		$1,100.00
Fieldwork Travel and Lodging	up to	$1,500.00
Liability Insurance		$ 30.00
Field Trip Travel	up to	$ 200.00

Occupational Therapy Assistant Academic Requirements

Please see the OTA homepage for the most current academic requirements at:
http://www.mgc.edu/healthscience/ota/otahomepage.htm

1. A minimum grade-point average (GPA) of 2.0 is required to remain in the OTA course sequence.
2. A grade of C or better is required in all program-related courses.
3. Passing grades of 75% in all lecture, laboratory, and Level I fieldwork portions of the courses as well as the professional behaviour scale are required to pass the courses. Other course-specific competencies may be required to pass the course. Students who do not pass the professional behavior assessment or any other portion of the course will receive a maximum grade of D for the course. Students must complete all sections of all assignments of each course in order to pass the course.
4. Students must complete BIOL 2115 Anatomy & Physiology II prior to sophomore Fall semester.
5. Students must complete the OTA freshmen courses and their required core classes within two years. Students must complete the sophomore OTA course work and any remaining OTA core within two years. Thus, students must complete the OTA program within four years from beginning the program.
6. Students can attempt an OTA class two times only. A class that is dropped after the official drop/add period is considered an attempt.
7. Students must pass the Level II Fieldwork course(s) within 18 months following completion of academic preparation in order to graduate from the program. Students who are failing may request to withdraw from Level II fieldwork courses one time only.
8. Some OTA courses and some general education courses are sequential. Students can not enroll in an OTA course unless they

have completed the required prerequisite OTA and general education courses with a grade of C or better.

9. Students must complete BIOL 2114 prior to enrolling in OCTA 1211. Students must complete PSYC 2103 prior to enrolling in OCTA 2323.
10. Students can have only one failure of any OTA course, including Level II fieldwork courses. More than one failure will result in dismissal from the OTA program. Continuation in the OTA program after failure of even one OTA course is at the discretion of the OTA faculty. The student must be eligible to return to the OTA program and to MGC.
11. The grading system for all OTA courses is: A=90-100, B=80-89.99, C=75-79.99, D=60-74.99, F=below 60
12. Students must successfully complete the Regents' Testing Program prior to attending Level II fieldwork.
13. Any OTA course credits that are more than five (5) years old at the time of readmission will not be accepted, and the courses must be repeated.
14. Students must complete at least one individual and one group community service project prior to Level II Fieldwork.
15. Students must attend a minimum of 4 district or state GOTA meetings prior to Level II Fieldwork.
16. Students must conduct at least one project to promote occupational therapy prior to Level II fieldwork not including course assignments.
17. At the end of the final semester before Level II Fieldwork, students will be given a Pre-fieldwork Clinical Skills Assessment that will evaluate essential, safe, clinical practice skills. Results will be mailed to Level II Fieldwork sites with the student's permission. Students must receive a minimum score of 75% on each section of the assessment. Students will have 1 retake attempt. Failure on the 2nd attempt will result in delay of Level II fieldwork by at least one semester. Students who fail the 2nd attempt must develop a written remediation plan for the next semester to be approved by the OTA faculty. Upon completion of remediation activities during the next semester, students will be allowed to test on the overall Pre-fieldwork Clinical Skills Assessment one last time. Students who pass the final Pre-fieldwork Clinical Skills Assessment will be rescheduled for the next available semester that Level II fieldwork experiences are offered. Fieldwork experiences will not be offered summer semester. Students who do not pass 75% of each section on the final attempt of the Pre-fieldwork Clinical Skills Assessment will be dropped from the OTA program and will not be readmitted.

18. Students must complete all academic requirements and all required OTA core courses prior to attending level II fieldwork.

COOPERATIVE PLAN IN ENGINEERING

Middle Georgia College offers the first two years of study in traditional fields of engineering and in related areas. A large majority of graduates continue their education at accredited senior institutions.

Cooperative study-work arrangements are available for a limited number of students in most engineering areas. Co-op students study the same courses and curricula as do regular students. In addition, however, the cooperative student schedules industrial work semesters; that is, the student alternates between study at the college and work at the industry of assignment. Thus, the student is able to earn most, if not all, of the college expenses while simultaneously gaining valuable experience in a chosen profession. All fees, rules, and regulations apply to co-op as do to regular students.

Cooperative students are selected on the basis of scholarship and physical fitness. They spend the first two semesters pursuing regular requirements of the curricula in which they are enrolled. Based upon their academic progress (completion of Introduction to Engineering and a minimum grade-point average of 2.5 are required for consideration), they are selected for recommendation to a cooperating industry or governmental agency for possible work assignment.

A student who is accepted into the cooperative program agrees to remain a student at Middle Georgia College long enough to complete the required program of study in the student's chosen field. Normally, the student will remain with the same employer after transferring on to a senior college.

To remain on the cooperative program, a student must maintain a minimum cumulative grade-point average of 2.5 and perform with to the satisfaction of the employer.

Interested students should apply to the Coordinator of Cooperative Education as early as possible during their first semester at college.

PHYSICAL EDUCATION

The mission and basic philosophy of the Department of Health and Physical Education is to provide health education and a variety of physical activities which will enable students to develop physically, mentally, emotionally, and socially while in college and to equip them with the knowledge and skills required to fully appreciate a lifetime of recreational and/or fitness related activities.

Middle Georgia College requires the following for the Bachelor or Science, Associate of Arts, Associate of Science, or the Associate of Applied Science degree (see waivers below).

Health 1101	2 credits (1 course)
Physical Education	3 credits (3 one-credit- hour courses)
Total	5 credits

Until the health and PE requirements are satisfied, all students not receiving a waiver (see below) are required to enroll in Health 1101 or a Physical Education course each semester in which they register for six or more credit hours. Exceptions must be approved in writing by the Vice President for Academic Affairs.

Waivers:

1. Health 1101 is required for graduation of all students except:
   Associate of Science in Nursing and Associate in Science in Occupational Therapy Assistant students.
2. The Physical Education requirement is waived for the following:
   a. A veteran with at least twelve months continuous service or a member of the Selected Reserve who has completed active duty training will be required to submit a copy of their DD Form 214 in order to be awarded transfer credit for (3) semester hours of Physical Education. (Note: If the veteran applies for education benefits administered by the U.S. Department of Veterans Affairs, he/she is required to furnish the DD Form 214 to the Veterans' Clerk in the Office of the Registrar. The veteran who applies for veterans' education benefits will not receive benefits for any physical education course.)
   b. A regularly enrolled student who is 26 years of age or older.
   c. Evening school students who take at least 50 percent of their credits in the evening school program. (Note: some state four-year institutions do not exempt evening school or older students from physical education.)
   d. Students enrolled at the Dublin Center or at the Georgia Aviation campus for at least 50 percent of their credits.
   e. Associate of Science in Nursing and Occupational Therapy Assistant students.
   f. Physically handicapped students producing a valid physician's excuse may be exempt from the regular activity courses. When possible, they will be assigned to physical education classes that will not be detrimental to their health or to an adaptive physical education course.

Note: In order to earn an AA, AS, or AAS degree, students receiving waivers B-D are required to earn three additional credit hours <u>in lieu</u> of physical education.

CORE CURRICULUM

In keeping with the policies of the Board of Regents of the University System of Georgia, Middle Georgia College has established a Core Curriculum which is designed for students who wish to transfer to a four-year college upon graduation.

The Core Curriculum offers students a broad general education covering the humanities, mathematics, and natural sciences, and the social sciences. In addition, students are given the opportunity to begin study in a selected major area of concentration. The Core Curriculum was established to provide the same general education for students throughout the system of public higher education in Georgia to facilitate transfer among the various units of the University System of Georgia. Successfully completed Core courses will normally transfer with full credit to any other University System of Georgia institution.

To complete all Core Curriculum requirements, the student must complete sixty semester credit hours as follows:

Area A:	Essential Skills	9
Area B:	Institutional Options	4
Area C:	Humanities/Fine Arts	6
Area D:	Science & Mathematics	11-12
Area E:	Social Sciences	12
Area F:	Majors (Courses appropriate to the student's Program of Study)	18
	TOTAL	60-61

It is the student's responsibility to discuss thoroughly with his/her assigned faculty advisor academic plans and desired course selections in order to determine exactly which courses should be taken. All students are to consult with their faculty advisors in planning their course selections prior to registration for each semester. Students who plan to transfer to a college or university other than a University System institution should refer to the catalog of the senior college to which they intend to transfer.

The general requirements for Core areas A, B, C, D, and E are presented on pages 119-123. The specific requirements for each individual Program of Study are listed on pages 126-208.

Please note: All electives are to be chosen from the courses listed on pages 119-123. Courses taken in fulfillment of Areas A, B, C, D, and E may not be used again in Area F of the Core Curriculum. Courses taken to satisfy requirements for Area F may not be used again in Areas A, B, C, D, or E of the Core Curriculum.

APPROVED CORE CURRICULUM
FOR MIDDLE GEORGIA COLLEGE

AREA A: ESSENTIAL SKILLS **9 credit hours**

□	ENGL 1101	Composition I	3
□	ENGL 1102	Composition II	3
□	Choose one of the following:		
	MATH 1111	College Algebra (non-science majors)	3
	MATH 1113	Precalculus (science majors*)	4
	MATH 1127	Calculus I (Engineering majors)	4

*Precalculus is required for the following majors: Biological Sciences (including Pre-Dentistry, Pre-Medicine, Pre-Optometry, and Pre-Veterinary Medicine), Chemistry, Computer Science, Engineering Technology, Forestry, Geology, Mathematics, Physical Therapy, Pre-Pharmacy, and Physics.

AREA B: INSTITUTIONAL OPTIONS **4 credit hours**

□	SPCH 1101	Oral Communications	2
□	Choose **one** of the following:		2
	BUSA 1205	Computer Literacy	
	HIST 1107	Environmental History	
	INDS 1001	Intercultural Communications	
	INDS 1011	Contemporary Cultural Studies	
	INDS 1111	Biology and Politics	
	POLS 1401	Global Issues	
	SCIN 1101	Change in the Natural World	

AREA C: HUMANITIES/FINE ARTS **6 credit hours**

□	Choose **one** of the following:		3
	ENGL 2111	World Literature I	
	ENGL 2112	World Literature II	
	ENGL 2121	British Literature I	
	ENGL 2122	British Literature II	
	ENGL 2131	American Literature I	
	ENGL 2132	American Literature II	
□	Choose **one** of the following:		3
	ARTS 1100	Art Appreciation	
	DRAM 1102	Fundamentals of Drama	
	DRAM 2222	Theatre Appreciation	
	ENGL 2111-2132	Literature	

HUMN 2201	Humanities I
HUMN 2202	Humanities II
MUSI 1103	Music Appreciation
PHIL 2201	Survey of Philosophy

Foreign Languages 1001-2002: including:
French, German, and Spanish

AREA D: SCIENCE AND MATHEMATICS **11 credit hours**

Area D Option I – Non-Science Majors (Science Sequence Required)

□ Choose a science sequence 8

ASTR 1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy
BIOL 1103, 1104	Introductory Biology I & II
BIOL 1107, 1108	Principles of Biology I & II** (**students may take BIOL 1120 Essentials of Life Sciences or BIOL 1107, 1008 Principles of Biology I & II, but not both for credit)
CHEM 1151, 1152	Survey of Chemistry I & II
CHEM 1211, 1212	Principles of Chemistry I & II
GEOL 1125, 1126	Physical & Historical Geology
PHYS 1011, 1012	Physical Science I & II
PHYS 1111, 1112	General Physics I & II
PHYS 2211, 2212	Calculus-Based Physics I & II
SCIN 1105, 1106	Interdisciplinary Science I & II

□ Choose **one** of the following: 3 or 4*
(*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.)

ASTR 1012	Astronomy of the Solar System
BIOL 1103	Introductory Biology I
BIOL 1107	Principles of Biology I** (**students may take BIOL 1120 Essentials of Life Sciences or BIOL 1107, 1008 Principles of Biology I & II, but not both for credit)
BIOL 1120	Essentials of Life Sciences** (**students may take BIOL 1120 Essentials of Life Sciences or BIOL 1107, 1008 Principles of Biology I & II, but not both for credit)
BIOL 1150	Field Studies in Biology
CHEM 1151	Survey of Chemistry I
CHEM 1211	Principles of Chemistry I
CHEM 2912	Organic Chemistry I
GEOL 1125	Physical Geology
GEOL 1130	Introduction to Georgia Geology
GEOL 1150	Field Studies in Geology

MATH 1112	Plane Trigonometry
MATH 1113	Precalculus Mathematics
MATH 1115	Survey of Calculus
MATH 1127	Calculus I
MATH 2000	Elementary Statistics
PHYS 1011	Physical Science I
PHYS 1012	Physical Science II
PHYS 1111	General Physics I (not allowed if PHYS 2211, 2212 Calculus-Based Physics I & II are taken as science sequence)
PHYS 2211	Calculus-Based Physics I (not allowed if PHYS 1111, 1112 General Physics I & II are taken as science sequence)
SCIN 1105	Interdisciplinary Sciences I (for students who take PHYS 1011, 1012 as their science sequence)

Area D Option IIa – Science Majors (Science Sequence Required)

□ Choose a science sequence 8

BIOL 1107, 1108	Principles of Biology I & II** (**students may take BIOL 1120 Essentials of Life Sciences or BIOL 1107, 1008 Principles of Biology I & II, but not both for credit)
CHEM 1211, 1212	Principles of Chemistry I & II
GEOL 1125, 1126	Physical & Historical Geology
PHYS 1111, 1112	General Physics I & II
PHYS 2211, 2212	Calculus-Based Physics I & II

□ Choose **one** of the following: 4*

(*For science majors, the extra semester hour may be placed in Area F.)

BIOL 1107	Principles of Biology I** (**students may take BIOL 1120 Essentials of Life Sciences or BIOL 1107, 1008 Principles of Biology I & II, but not both for credit)
BIOL 1120	Essentials of Life Sciences** (**students may take BIOL 1120 Essentials of Life Sciences or BIOL 1107, 1008 Principles of Biology I & II, but not both for credit)
CHEM 1211	Principles of Chemistry I
CHEM 2912	Organic Chemistry I
GEOL 1125	Physical Geology
GEOL 1150	Field Studies in Geology
MATH 1127	Calculus I (REQUIRED for the following majors: Engineering Technology, Geology Mathematics, Pre-Pharmacy, and Physics)
MATH 1128	Calculus II (REQUIRED for Engineering majors)

PHYS 1111	General Physics I (not allowed if PHYS 2211, 2212 Calculus-Based Physics I & II are taken as science sequence)
PHYS 2211	Calculus-Based Physics I (not allowed if PHYS 1111, 1112 General Physics I & II are taken as science sequence)

Area D Option IIb – Health Profession Majors (Science Sequence Required)

(For students majoring in Pre-Dental Hygiene, Pre-Health Information Management, Pre-Medical Technology, Pre-Nursing, Pre-Occupational Therapy, Pre-Physical Therapy, Pre-Physician's Assistant, Pre-Respiratory Therapy, or Pre-Sports Medicine.)

□ Choose a science sequence 8

BIOL 1107, 1108	Principles of Biology I & II
CHEM 1151, 1152	Survey of Chemistry I & II
CHEM 1211, 1212	Principles of Chemistry I & II
PHYS 1111, 1112	General Physics I & II

□ Choose **one** of the following: 3 or 4*

(*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.)

Any course from Option I or Option II

AREA E: SOCIAL SCIENCES **12 credit hours**

□ POLS 1101 American Government 3

□ Choose **one** of the following: 3

HIST 2111	United States History I
HIST 2112	United States History II
HIST 2100	Introduction to Local/Georgia History

□ Choose **one** of the following: 3

HIST 1011	World Civilization I
HIST 1012	World Civilization II
HIST 1013	World Civilization III

□ Choose **one** of the following: 3

ECON 2105	Principles of Macroeconomics
ECON 2106	Principles of Microeconomics
HIST 1011	World Civilization I
HIST 1012	World Civilization II
HIST 1013	World Civilization III
HIST 2111	United States History I
HIST 2112	United States History II
HIST 2100	Introduction to Local/Georgia History

HIST 2132	Minorities in American History
POLS 2101	Introduction to Political Science
POLS 2201	Introduction to State & Local Government
POLS 2401	Introduction to Global Issues
PSYC 1101	Introduction to Psychology
SOCI 1101	Introduction to Sociology
SOCI 1160	Introduction to Social Problems

AREA F: MAJORS **18 Credit Hours**

See pages 128 through 211

OUTSIDE CORE

□ MGCS 1101 Managing Goals & Careers for Success 2
(Course required unless exempted. See course description on page 299)

□ HLTH 1101 Health 2

□ PHED Physical Education (three one-hour courses) 3

Baccalaureate Programs

Bachelor of Science in
AVIATION MANAGEMENT
(Air Traffic Management Option)

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1115	Survey of Calculus	3
Area B – Institutional Options, 4 credit hours			
SPCH	1101	Oral Communications	2
BUSA	1205	Computer Literacy	2
Area C – Humanities/Fine Arts, 6 credit hours			
ENGL	**2111-2132**	**Literature**	**3**
Humanities/Fine Art Elective, pages 121-122.			3
Area D – Science and Mathematics, 11 credit hours			
PHYS	1111, 1112	General Physics I	4
PHYS	1112	General Physics II	4
MATH	2000	Elementary Statistics	3
Area E – Social Sciences, 12 credit hours			
POLS	1101	American Government	3
HIST	2111	United States History I	3
HIST	1011	World Civilization I	3
ECON	2105	Macroeconomics	3
Area F – Majors, 21 credit hours			
AERO	1101	Aviation Profession	1
AERO	2102	Aviation Meteorology	3
AERO	2103	Flight Principles	2
AERO	2104	Aviation Safety	3
AERO	2105	Aviation Regulations	3
AERO	2106	Private Pilot Ground School	3
AERO	2107	Aviation Law & Insurance	3
AERO	2108	Human Factors	3
Outside Core, 5 credit hours			
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
Major Requirements, 57 credit hours			
AERO	3107	Instrument Pilot Ground School	3
AERO	4003	Airport Management	3
AERO	2109	Aviation Marketing	3
AERO	4201	Air Traffic Control Facility Rating I GS	1
		Air Traffic Control Facility Rating I Lab	5
AERO	4202	Air Traffic Control Facility Rating II GS	1
		Air Traffic Control Facility Rating II Lab	5
AERO	4203	Approach Control I GS	3
AERO	4204	Approach Control II Lab	3
AERO	4205	Air Traffic Control Advanced Procedures	3
BUSA	2105	Communicating in the Business Environment	3
BUSA	3101	Business Ethics	3
BUSA	3109	Principles of Marketing	3
BUSA	3108	Principles of Management	3
BUSA	3102	Human Resource Management	3

BUSA	3103	Strategic Management	3
ECON	2106	Microeconomics	3
BUSA	3111	Critical Thinking	3
AERO	xxxx	Aviation Elective	3
		Total	**125**

Bachelor of Science in
AVIATION MANAGEMENT
(Airport Management Option)

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1115	Survey of Calculus	3
Area B – Institutional Options, 4 credit hours			
SPCH	1101	Oral Communications	2
BUSA	1205	Computer Literacy	2
Area C – Humanities/Fine Arts, 6 credit hours			
ENGL	**2111-2132**	**Literature**	**3**
Humanities/Fine Art Elective, pages 121-122.			3
Area D – Science and Mathematics, 11 credit hours			
PHYS	1111, 1112	General Physics I	4
PHYS	1112	General Physics II	4
MATH	2000	Elementary Statistics	3
Area E – Social Sciences, 12 credit hours			
POLS	1101	American Government	3
HIST	2111	United States History I	3
HIST	1011	World Civilization I	3
ECON	2105	Macroeconomics	3
Area F – Majors, 21 credit hours			
AERO	1101	Aviation Profession	1
AERO	2102	Aviation Meteorology	3
AERO	2103	Flight Principles	2
AERO	2104	Aviation Safety	3
AERO	2105	Aviation Regulations	3
AERO	2106	Private Pilot Ground School	3
AERO	2107	Aviation Law & Insurance	3
AERO	2108	Human Factors	3
Outside Core, 5 credit hours			
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
Major Requirements, 57 credit hours			
AERO	4003	Airport Management	3
AERO	2110	Airline Management	3
AERO	2109	Aviation Marketing	3
AERO	2111	Air Traffic Control System & Operations	3
AERO	3114	Air Cargo	3
AERO	2112	Aviation Service Control Operations	3
AERO	3113	Current Security Issues	3
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	3110	Principles of Finance	3
BUSA	2105	Communicating in the Business Environment	3
BUSA	3101	Business Ethics	3
BUSA	3109	Principles of Marketing	3
BUSA	3108	Principles of Management	3
BUSA	3102	Human Resource Management	3
BUSA	3103	Strategic Management	3

ECON	2106	Microeconomics	3
BUSA	3111	Critical Thinking	3
AERO	xxxx	Aviation Elective	3
		Total	**125**

Bachelor of Science in
AVIATION MANAGEMENT
(Flight Management Option)

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1115	Survey of Calculus	3
Area B – Institutional Options, 4 credit hours			
SPCH	1101	Oral Communications	2
BUSA	1205	Computer Literacy	2
Area C – Humanities/Fine Arts, 6 credit hours			
ENGL	**2111-2132**	**Literature**	**3**
Humanities/Fine Art Elective, pages 121-122.			3
Area D – Science and Mathematics, 11 credit hours			
PHYS	1111, 1112	General Physics I	4
PHYS	1112	General Physics II	4
MATH	2000	Elementary Statistics	3
Area E – Social Sciences, 12 credit hours			
POLS	1101	American Government	3
HIST	2111	United States History I	3
HIST	1011	World Civilization I	3
ECON	2105	Macroeconomics	3
Area F – Majors, 21 credit hours			
AERO	1101	Aviation Profession	1
AERO	2102	Aviation Meteorology	3
AERO	2103	Flight Principles	2
AERO	2104	Aviation Safety	3
AERO	2105	Aviation Regulations	3
AERO	2106	Private Pilot Ground School	3
AERO	2107	Aviation Law & Insurance	3
AERO	2108	Human Factors	3
Outside Core, 5 credit hours			
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
Major Requirements, 57 credit hours			
AERO	2110	Airline Management	3
AERO	2109	Aviation Marketing	3
AERO	3106	Private Pilot Flight	1
AERO	3107	Instrument Pilot Ground School	3
AERO	3018	Instrument Pilot Flight	1
AERO	3019	Commercial Pilot Single Engine GS	3
AERO	3020	Commercial Pilot Flight I	1
AERO	3021	Commercial Pilot Multi-Engine GS	3
AERO	3022	Commercial Pilot Flight II	1
AERO	3023	Flight Instructor I Ground School	3
AERO	3024	Flight Instructor I Flight	1
AERO	3025	Flight Instructor II Ground School	3
AERO	3026	Flight Instructor II Flight	1
AERO	4001	Advanced Aerodynamics	3
AERO	4004	Advanced Aircraft Systems	3
AERO	4002	Advanced Navigation	3

BUSA	2105	Communicating in the Business Environment	3
BUSA	3101	Business Ethics	3
BUSA	3102	Human Resource Management	3
BUSA	3103	Strategic Management	3
ECON	2106	Microeconomics	3
BUSA	3111	Critical Thinking	3
AERO	xxxx	Aviation Elective	3
		Total	**125**

Bachelor of Science in
AVIATION MANAGEMENT
(Logistics Management Option)

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1115	Survey of Calculus	3
Area B – Institutional Options, 4 credit hours			
SPCH	1101	Oral Communications	2
BUSA	1205	Computer Literacy	2
Area C – Humanities/Fine Arts, 6 credit hours			
ENGL	**2111-2132**	**Literature**	**3**
Humanities/Fine Art Elective, pages 121-122.			3
Area D – Science and Mathematics, 11 credit hours			
PHYS	1111, 1112	General Physics I	4
PHYS	1112	General Physics II	4
MATH	2000	Elementary Statistics	3
Area E – Social Sciences, 12 credit hours			
POLS	1101	American Government	3
HIST	2111	United States History I	3
HIST	1011	World Civilization I	3
ECON	2105	Macroeconomics	3
Area F – Majors, 21 credit hours			
AERO	1101	Aviation Profession	1
AERO	2102	Aviation Meteorology	3
AERO	2103	Flight Principles	2
AERO	2104	Aviation Safety	3
AERO	2105	Aviation Regulations	3
AERO	2106	Private Pilot Ground School	3
AERO	2107	Aviation Law & Insurance	3
AERO	2108	Human Factors	3
Outside Core, 5 credit hours			
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
Major Requirements, 57 credit hours			
AERO	4003	Airport Management	3
AERO	2401	Introduction to Logistics	3
AERO	2109	Aviation Marketing	3
AERO	4302	Supply Chain Management	3
AERO	3114	Air Cargo	3
AERO	4301	Principles of Transportation	3
AERO	4303	Logistics Decision Making	3
AERO	4304	International Supply Chain Management	3
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	3110	Principles of Finance	3
BUSA	2105	Communicating in the Business Environment	3
BUSA	3101	Business Ethics	3
BUSA	3109	Principles of Marketing	3
BUSA	3108	Principles of Management	3
BUSA	3102	Human Resource Management	3

BUSA	3103	Strategic Management		3
ECON	2106	Microeconomics		3
BUSA	3111	Critical Thinking		3
			Total	**125**

Transfer Programs

AEROSPACE ENGINEERING

Transfer Program in Pre-Engineering (Aerospace Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**64**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Aerospace Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

AGRICULTURAL ENGINEERING

Transfer Program in Pre-Engineering (Agricultural Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2500	Surveying and Geomatics	4
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2209	Differential Equations	4
Computer Science	1301	Computer Science I	3
Biology	1107	Principles of Biology I	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**69**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Agricultural Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

AGRICULTURE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Insitutional Optios, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required) *			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1120	Essentials of Life Sciences**	
BIOL	1107	Principles of Biology I	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology I	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
MATH	1127	Calculus I	4
PHYS	1111	General Physics I	4
Overflow from Area D			1
Electives (depending on specialization):			1-2
CHEM	2912	Organic Chemistry I	
PHYS	1011	Physical Science I	
CHEM	1152	Survey of Chemistry I	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Agriculture.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

ART

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Insitutional Optios, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
ARTS	1010	Drawing I	3
ARTS	1011	Drawing II	3
ARTS	1020	Two-Dimensional Design	3
ARTS	1030	Three-Dimensional Design	3
Choose one of the following:			3
ARTS	2010	Art History I	
ARTS	2011	Art History II	
Choose one of the following:			3
ARTS	2012	Painting	
ARTS	2013	Sculpture	
ARTS	2014	Pottery	
ARTS	2015	Photography	
ARTS	2016	Computer Graphics	
ARTS	2017	Graphic Design	
ARTS	2018	Watercolor	

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

BIOLOGICAL SCIENCES

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Insitutional Optios, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)*			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1120	Essentials of Life Sciences**	
BIOL	1107	Principles of Biology I	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology I	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
Choose from the following:			8
CHEM	2912, 2922	Organic Chemistry I & II	
	or		
PHYS	1111, 1112	General Physics I & II	
Electives and Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Biological Sciences.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.
Note: Georgia Tech requires Calculus I & II for admission.

BIOMEDICAL ENGINEERING

Transfer Program in Pre-Engineering (Biomedical Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	1100	Introduction to Computer Engineering	3
Engineering	2005	Engineering Statics	4
Engineering	2125	Introduction to Signal Processing	4
Engineering	2140	Circuit Analysis	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Computer Science	1301	Computer Science I	3
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**73**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Biomedical Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

BUSINESS ADMINISTRATION

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	2201	Fundamentals of Computer Applications	3
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
Choose one of the following:			3
BUSA	1105	Introduction to Business	
BUSA	2105	Communicating in the Business Environment	
BUSA	2106	The Environment of Business	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.

**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

CHEMICAL ENGINEERING

Transfer Program in Pre-Engineering (Chemical Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Chemistry	1212	Principles of Chemistry II	4
Chemistry	2912	Organic Chemistry I	4
Chemistry	2922	Organic Chemistry II	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**69**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Chemical Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

CHEMISTRY

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science sequence is required)*			8
BIOL	1107, 1108	Principles of Biology I & II*	
CHEM	1211, 1212	Principles of Chemistry I & II	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences**	
CHEM	1211	Principles of Chemistry I	
GEOL	1125	Physical Geology I	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	2912, 2922	Organic Chemistry I & II	8
Choose from the following:			8
MATH	1128	Calculus II	
MATH	2207	Calculus III	
MATH	2208	Linear Algebra	
PHYS	1111, 1112	General Physics I & II	
Electives and Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*CHEM 1211, 1212 (Principles of Chemistry I & II) are required in order to enroll in CHEM 2912, 2922 (Organic Chemistry I & II).
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

CIVIL ENGINEERING

Transfer Program in Pre-Engineering (Civil Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2500	Surveying and Geomatics	4
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**68**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Civil Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

CIVIL ENGINEERING TECHNOLOGY

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1113	Precalculus Mathematics		4
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
MATH	1127	Calculus I		4
Choose one of the following sequences:				8
BIOL	1107, 1108	Principles of Biology I & II		
CHEM	1211, 1212	Principles of Chemistry I & II		
GEOL	1125, 1126	Physical and Historical Geology		
PHYS	1111, 1112	General Physics I & II		
PHYS	2211, 2212	Calculus-Based Physics I & II		
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
ENGR	1001	Introduction to Engineering		3
ENGR	1002	Engineering Design Graphics		3
MATH	1128	Calculus II		4
Choose two from the following:				6-8
CHEM	1211	Principles of Chemistry I	4	
ENGL	2208	Technical Communication	3	
ENGR	1003	Computer-Aided Design	3	
ENGR	2005	Engineering Statics	4	
ENGR	2300	Principles of Engineering Economy	3	
ENGR	2500	Surveying and Geomatics	4	
ENGR	2521	Civil Drafting	3	
Mathematics overflow from Areas A and D				1-2
Outside Core				
HLTH	1101	Health		2
PHED (3 one-hour courses)		Physical Education		3
		Total		**65**

COMMUNICATION STUDIES

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
CIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
Foreign Language Sequence			6
JOUR	1101	Introduction to Mass Communication	3
SPCH	2201	Public Speaking	3
Choose one from the following:			3
ENGL	2207	Creative Writing***	
ENGL	2208	Technical Communication***	
Choose one from the following:			3
POLS	2401	Introduction to Global Issues	
POLS	2701	Introduction to International Relations	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.
***ENGL 2207 and ENGL 2208 may not be repeated for credit.

COMPUTER ENGINEERING

Transfer Program in Pre-Engineering (Computer Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	1100	Introduction to Computer Engineering	3
Engineering	2005	Engineering Statics	4
Engineering	2125	Introduction to Signal Processing	4
Engineering	2140	Circuit Analysis	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Computer Science	1301	Principles of Computer Programming I	3
Computer Science	1302	Principles of Computer Programming II	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**73**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Computer Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

COMPUTER ENGINEERING TECHNOLOGY

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1113	Precalculus Mathematics		4
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
MATH	1127	Calculus I		4
Choose one of the following sequences:				8
BIOL	1107, 1108	Principles of Biology I & II		
CHEM	1211, 1212	Principles of Chemistry I & II		
GEOL	1125, 1126	Physical and Historical Geology		
PHYS	1111, 1112	General Physics I & II		
PHYS	2211, 2212	Calculus-Based Physics I & II		
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
ENGR	1001	Introduction to Engineering		3
ENGR	1002	Engineering Design Graphics		3
MATH	1128	Calculus II		4
Choose two from the following:				6-7
CHEM	1211	Principles of Chemistry I	4	
ENGL	2208	Technical Communication	3	
ENGR	1100	Introduction to Computer Engineering	3	
ENGR	2300	Principles of Engineering Economy	3	
Mathematics overflow from Areas A and D				1-2
Outside Core				
HLTH	1101	Health		2
PHED (3 one-hour courses)		Physical Education		3
		Total		**65**

COMPUTER SCIENCE

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1113	Precalculus Mathematics		4
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
Choose one of the following sequences:				8
BIOL	1107, 1108	Principles of Biology I & II		
CHEM	1211, 1212	Principles of Chemistry I & II		
GEOL	1125, 1126	Physical and Historical Geology		
PHYS	1111, 1112	General Physics I & II		
PHYS	2211, 2212	Calculus-Based Physics I & II		
Choose one of the following:				3-4*
BIOL	1107	Principles of Biology I		
BIOL	1120	Essentials of Life Sciences**		
CHEM	1211	Principles of Chemistry I		
CHEM	2912	Organic Chemistry I		
GEOL	1125	Physical Geology		
MATH	1127	Calculus I		
MATH	2000	Elementary Statistics		
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken		
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)		
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
MATH	1128	Calculus II		4
CSCI	1301	Computer Science I		3
CSCI	1302	Computer Science II		3
Choose three from the following:				8
CSCI	1001	Introduction to Computer Science	2	
CSCI	1101	Intro. to Visual Basic.NET Programming	3	
CSCI	1201	Intro. to C++ Programming	3	
CSCI	1202	Object-Oriented Programming in C++	3	
Outside Core				
HLTH	1101	Health		2
PHED (3 one-hour courses)		Physical Education		3
			Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

CRIMINAL JUSTICE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CRJU	1100	Introduction to Criminal Justice	3
CRJU	2316	Introduction to Criminology	3
CRJU	2317	Introduction to Criminal Law	3
POLS	2601	Introduction to Public Administration	3
Choose from the following:			6
BUSA	2201	Fundamentals of Computer Applications	
CRJU	2318	Introduction to Corrections	
Social Science Elective, pages 124-125.			
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

DENTAL HYGIENE, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
BIOL	1107, 1108	Principles of Biology I & II	8
CHEM	1151, 1152	Survey of Chemistry I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
PHYS	1111, 1112	General Physics I & II	
Any course from Area D, Option IIb, page 124.			3-4*
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
BIOL	2114 & 2115	Anatomy and Physiology I & II	8
PSYC	1101	Introduction to Psychology	3
SOCI	1101	Introduction to Sociology	3
SPCH	2201	Public Speaking	3
Electives from:			1
ECON	2105	Principles of Macroeconomics	
ECON	2106	Principles of Microeconomics	
MATH	2000	Elementary Statistics	
PSYC	2104	Introduction to Abnormal Psychology	
And Overflow from Area D.			
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

Note: Students planning to complete an Associate Degree in Dental Hygiene may not be required to complete all of the above courses.

Note: Students planning to transfer to Middle Georgia Technical College must complete the following courses:

ENGL	1101	Composition I
ENGL	1102	Composition II
SPCH	2201	Public Speaking
PSYC	1101	Introduction to Psychology
SOCI	1101	Introduction to Sociology
CHEM	1151	Survey of Chemistry
MATH	1111	College Algebra
BIOL	2114	Human Anatomy & Physiology I
BIOL	2115	Human Anatomy & Physiology II

*If Area D elective carries more than (3) semester hours, the extra semester hour may be placed in Area F if applicable.

DENTISTRY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences**	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
Choose from the following:			8
CHEM	2912, 2922	Organic Chemistry I & II	
PHYS	1111, 1112	General Physics I & II	
Elective and Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Dentistry.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

EARLY CHILDHOOD AND SPECIAL EDUCATION

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1111	College Algebra	3	3-4
	or			
MATH	1112	Plane Trigonometry	3	
	or			
MATH	1113	Precalculus Mathematics	4	
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
Choose one of the following: (Science Sequence is required)				8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy		
BIOL	1103, 1104	Introductory Biology I & II		
PHYS	1011, 1012	Physical Science I & II		
SCIN	1105, 1106	Interdisciplinary Sciences I & II		
	or			
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124				
Choose one of the following:				3-4*
ASTR	1012	Astronomy of the Solar System		
BIOL	1103	Introductory Biology I		
BIOL	1120	Essentials of Life Sciences**		
MATH	1112	Plane Trigonometry		
MATH	1113	Pre-Calculus Mathematics		
MATH	1127	Calculus I		
MATH	2000	Elementary Statistics		
PHYS	1011	Physical Science I		
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)		
	or			
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124				
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
EDUC	2110	Investigating Critical & Contemporary Issues in Education		3
EDUC	2120	Exploring Socio-Cultural Perspectives on Diversity		3
EDUC	2130	Exploring Teaching and Learning		3
ISCI	2001	Life/Earth Science		3
ISCI	2002	Physical Science		3
MATH	2008	Foundations of Numbers and Operations		3

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

ECONOMICS

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
Choose four from the following:			12
BUSA	2201	Fundamentals of Computer Applications	
MATH	1115	Survey of Calculus	
MATH	2000	Elementary Statistics	
SOCI	1101	Introduction to Sociology	
Foreign Language			
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

ELECTRICAL ENGINEERING

Transfer Program in Pre-Engineering (Electrical Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	1100	Introduction to Computer Engineering	3
Engineering	2005	Engineering Statics	4
Engineering	2125	Introduction to Signal Processing	4
Engineering	2140	Circuit Analysis	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Computer Science	1301	Principles of Computer Programming I	3
Computer Science	1302	Principles of Computer Programming II	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**73**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Electrical Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

ENGINEERING TECHNOLOGY

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1113	Precalculus Mathematics		4
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
MATH	1127	Calculus I		4
Choose one of the following: (Science sequence is required)				8
BIOL	1107, 1108	Principles of Biology I & II		
CHEM	1211, 1212	Principles of Chemistry I & II		
GEOL	1125, 1126	Physical and Historical Geology		
PHYS	1111, 1112	General Physics I & II		
PHYS	2211, 2212	Calculus-Based Physics I & II		
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
ENGR	1001	Introduction to Engineering		3
ENGR	1002	Engineering Design Graphics		3
MATH	1128	Calculus II		4
Choose two from the following:				6-8
CHEM	1211	Principles of Chemistry I	4	
ENGL	2208	Technical Communication	3	
ENGR	1003	Computer-Aided Design	3	
ENGR	2005	Engineering Statics	4	
ENGR	2300	Principles of Engineering Economy	3	
ENGR	2500	Surveying and Geomatics	4	
Mathematics overflow from Areas A and D				1-2
Outside Core				
HLTH	1101	Health		2
PHED (3 one-hour courses)		Physical Education		3
		Total		**66**

ENGLISH

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1111	College Algebra		3
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
Choose one of the following: (Science Sequence is required)				8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy		
BIOL	1103, 1104	Introductory Biology I & II		
PHYS	1011, 1012	Physical Science I & II		
SCIN	1105, 1106	Interdisciplinary Sciences I & II		
	or			
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124				
Choose one of the following:				3-4*
ASTR	1012	Astronomy of the Solar System		
BIOL	1103	Introductory Biology I		
BIOL	1120	Essentials of Life Sciences**		
MATH	1112	Plane Trigonometry		
MATH	1113	Precalculus Mathematics		
MATH	1127	Calculus I		
MATH	2000	Elementary Statistics		
PHYS	1011	Physical Science I		
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)		
	or			
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124				
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
Foreign Language Sequence				6
Choose four from the following***:				12
ENGL	2207	Creative Writing	3	
ENGL	2208	Technical Communication	3	
ENGL	2111-2132	Literature	3	
ENGL	2210-2265	Special Topics in Literature	3	
HUMN	2210-2255	Special Topics in Humanities	3	
PHIL	2250-2253	Special Topics in Philosophy	3	
Outside Core				
MGCS	1101	Managing Goals and Careers		2
HLTH	1101	Health		2
PHED (3 one-hour courses)		Physical Education		3
			Total	**67-68**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.
***Students must select ENGL 2111 or 2112, unless taken previously in Area C.

ENVIRONMENTAL DESIGN

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
MATH	1112	Plane Trigonometry	3
Choose one of the following: (Science sequence is required)			8
BIOL	1107, 1108	Principles of Biology I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
GEOL	1125, 1126	Physical & Historical Geology	
PHYS	1111, 1112	General Physics I & II	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
ARTS	1010	Drawing I	3
ARTS	1100	Art Appreciation	3
ENGR	1001	Introduction to Engineering	3
ENGR	1002	Engineering Design Graphics	3
ENGR	1003	Computer-Aided Design	3
ENGR	2500	Surveying and Geomatics	4
Outside Core			
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**66**

FOREIGN LANGUAGE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours*			
See Institutional Options, page 121.*			4
NOTE: Students majoring in Foreign Language are encouraged to select INDS 1001-Intercultural Communication in Area B.			
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4**
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences***	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
Foreign Language Sequences			12
Choose one of the following:			3
ARTS	1100	Art Appreciation	
HUMN	2201	Humanities I	
HUMN	2202	Humanities II	
Choose one of the following:			3
POLS	2401	Introduction to Global Issues	
HIST	1011	World Civilization I	
HIST	1012	World Civilization II	
HIST	1013	World Civilization III	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

* Students majoring in Foreign Language are encouraged to select INDS 1001: Intercultural Communication in Area B.
**If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
***Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

FORESTRY

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			3-4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences**	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
Choose from the following:			7
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1111, 1112	General Physics I & II	
Elective			3
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**68-69**

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Forestry.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

GENERAL ENGINEERING

Transfer Program in Pre-Engineering (General Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1003	Computer-Aided Design	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Computer Science	1301	Principles of Computer Programming I	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**73**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in General Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

GENERAL STUDIES

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
Foreign Language Sequence			6
Choose from the following:			6-9
Humanities/Fine Arts***, see pages 121-122			6
ENGL	2207	Creative Writing 3	
ENGL	2208	Technical Communication 3	
Social Sciences, see pages 124-125.			3-6
Natural Sciences, see pages 120-122.			0-3
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.
***Three hours must come from ARTS, MUSI, DRAM, ENGL 2210-2265, HUMN 2210-2255, or PHIL 2250-2253.

GEOLOGY

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II	
GEOL	1125, 1126	Physical and Historical Geology*	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences**	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
MATH	1127	Calculus I	4
Choose one from the following:			4
BIOL	1107, 1108	Principles of Biology I & II	
PHYS	1111, 1112	General Physics I & II	
Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*GEOL 1125, 1126 (Physical & Historical Geology) are required for admission into a bachelor's degree program in Geology.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

HEALTH AND PHYSICAL EDUCATION

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
BIOL	2114, 2115	Anatomy and Physiology I & II	8
EDUC	2110	Investigating Critical & Contemporary Issues in Education	3
EDUC	2120	Exploring Socio-Cultural Perspectives on Diversity	3
EDUC	2130	Exploring Teaching and Learning	3
Elective			1
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

HEALTH INFORMATION MANAGEMENT, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra*	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
BIOL	1107, 1108	Principles of Biology I & II	8
CHEM	1151, 1152	Survey of Chemistry I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
PHYS	1111,1112	General Physics I & II	
Any course from Area D, Option IIb, page 124.			3-4**
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
BIOL	2114, 2115	Anatomy and Physiology I & II	8
ACCT	2101	Principles of Accounting I	3
BUSA	2201	Fundamentals of Computer Applications	3
Elective chosen from Accounting, Computer Science, Biological Sciences or Social Sciences			3-4**
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**66-67**

*Student may substitute a course for which MATH 1111 is a prerequisite.
**If Area D elective carries more than three (3) semester hours, the extra semester hour may be placed in Area F if applicable.

HISTORY

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
Foreign Language Sequence			6
HIST	1011, 1012, 1013	World Civilization	
	or		6
HIST	2111, 2112	United States History	
Choose from the following:			6
BUSA	2201	Fundamentals of Computer Applications	
ECON	2105	Principles of Macroeconomics	
ECON	2106	Principles of Microeconomics	
HIST	1011, 1012, 1013	World Civilization	
HIST	2100	Introduction to Local/Georgia History	
HIST	2111, 2112	United States History	
HIST	2132	Minorities in American History	
HIST	2211-2230	Special Topics	
MATH	2000	Elementary Statistics	
PHIL	2201	Survey of Philosophy	
POLS	1101	American Government	
PSYC	1101	Introduction to Psychology	
SOCI	1101	Introduction to Sociology	

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

INDUSTRIAL ENGINEERING

Transfer Program in Pre-Engineering (Industrial Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Computer Science	1301	Principles of Computer Programming I	3
Computer Science	1302	Principles of Computer Programming II	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**62**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Industrial Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

LAW, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
Choose three of the following:			9
POLS	2101	Introduction to Political Science	
POLS	2201	Introduction to State and Local Government	
POLS	2401	Introduction to Global Issues	
POLS	2601	Introduction to Public Administration	
POLS	2701	Introduction to International Relations	
POLS	2801	Special Topics	
Electives:			9
BUSA	2201	Fundamentals of Computer Applications	
CRJU		Criminal Justice Courses	
Foreign Language			
MATH	1127	Calculus I	
MATH	1128	Calculus II	
MATH	2000	Elementary Statistics	
MATH	2207	Calculus III	
MATH	2208	Linear Algebra	
MATH	2209	Differential Equations	
POLS	2801	Special Topics	
Social Science Electives, pages 124-125.			

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

LIBERAL ARTS

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
Foreign Language Sequence			6
Choose one of the following:			3
ARTS	1100	Art Appreciation	
MUSI	1103	Music Appreciation	
Choose two of the following:			6
ENGL	2111	World Literature I	
ENGL	2112	World Literature II	
ENGL	2121	British Literature I	
ENGL	2122	British Literature II	
ENGL	2131	American Literature I	
ENGL	2132	American Literature II	
ENGL	2207	Creative Writing	
Choose one of the following:			3
Area E Elective, see pages 124-125.			

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

MATERIALS ENGINEERING

Transfer Program in Pre-Engineering (Materials Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**60**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Materials Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

MATHEMATICS

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1127	Calculus I	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:			8
BIOL	1107, 1108	Principles of Biology I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences*	
CHEM	1211	Principles of Chemistry I	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
MATH	2207	Calculus III	3
MATH	2208	Linear Algebra	3
MATH	2209	Differential Equations	4
Choose from the following:			6
CSCI	1301, 1302	Computer Science I & II	
Foreign Language Sequence			
Elective or Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

MECHANICAL ENGINEERING

Transfer Program in Pre-Engineering (Mechanical Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	3
Engineering	2006	Engineering Dynamics	3
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**65**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Mechanical Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

MEDICAL TECHNOLOGY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science sequence is required)			8
BIOL	1107, 1108	Principles of Biology I* & II	
CHEM	1211, 1212	Principles of Chemistry I & II**	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I*	
BIOL	1120	Essentials of Life Sciences*	
CHEM	1211	Principles of Chemistry I	
CHEM	2912	Organic Chemistry I	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
MATH	2000	Elementary Statistics	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
BIOL	2114	Human Anatomy and Physiology I	4
BIOL	2131	Microbiology	4
CHEM	1152	Survey of Chemistry II	4
Elective from:			4
BIOL	1107	Principles of Biology I**	
BIOL	2115	Human Anatomy and Physiology II***	
CHEM	1211, 1212	Principles of Chemistry I & II***	
Elective and Overflow from Area D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*Students may take BIOL 1107 or BIOL 1120, but not both for credit.
**Students must complete CHEM 1211 and 1212 to be accepted into a medical technology program.
***Recommended for students who plan to attend the Medical College of Georgia.

MEDICINE, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science sequence is required)*			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences***	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
Choose from the following:			8
CHEM	2912, 2922	Organic Chemistry I & II	
PHYS	1111, 1112	General Physics I & II	
Elective or Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Pre-Medicine.
***Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

MIDDLE GRADES AND SPECIAL EDUCATION

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1111	College Algebra	3	3-4
	or			
MATH	1112	Plane Trigonometry	3	
	or			
MATH	1113	Precalculus Mathematics	4	
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
Choose one of the following: (Science Sequence is required)				8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy		
BIOL	1103, 1104	Introductory Biology I & II		
PHYS	1011, 1012	Physical Science I & II		
SCIN	1105, 1106	Interdisciplinary Sciences I & II		
	or			
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124				
Choose one of the following:				3-4*
ASTR	1012	Astronomy of the Solar System		
BIOL	1103	Introductory Biology I		
BIOL	1120	Essentials of Life Sciences**		
MATH	1112	Plane Trigonometry		
MATH	1113	Pre-Calculus Mathematics		
MATH	1127	Calculus I		
MATH	2000	Elementary Statistics		
PHYS	1011	Physical Science I		
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)		
	or			
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124				
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
EDUC	2110	Investigating Critical & Contemporary Issues in Education		3
EDUC	2120	Exploring Socio-Cultural Perspectives on Diversity		3
EDUC	2130	Exploring Teaching and Learning		3
Choose two (2) academic courses in one area of required concentration.				6
Choose one (1) academic course in the second area of required concentration.				3
Outside Core				
MGCS	1101	Managing Goals and Careers		2
HLTH	1101	Health		2
PHED (3 one-hour courses)		Physical Education		3
			Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.

**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

MUSIC

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
MUSI	1104	Aural Skills I	1
MUSI	1105	Aural Skills II	1
MUSI	1106	Elementary Music Theory I	2
MUSI	1107	Elementary Music Theory II	2
MUSI	2204	Aural Skills III	1
MUSI	2205	Aural Skills IV	1
MUSI	2206	Intermediate Music Theory I	2
MUSI	2207	Intermediate Music Theory II	2
Choose a sequence from one of the following:			4
MUSA	1100-1105	Applied Piano	
MUSA	2104-2105	Applied Piano	
MUSA	1110-1115	Applied Voice	
MUSA	2110-2115	Applied Voice	
MUSA	1120-1125	Applied Brass	
MUSA	2120-2125	Applied Brass	
MUSA	1130-1135	Applied Woodwind	
MUSA	2130-2135	Applied Woodwind	
MUSA	1140-1145	Applied Percussion	
MUSA	2140-2145	Applied Percussion	

MUSA	1150-1155	Applied Guitar	
MUSA	2150-2155	Applied Guitar	
Choose from the following:			2
MUSI	1101, 1102	Choral Union	
MUSI	1201, 1202	Choral Union	
MUSI	1111, 1112	ENCORE Singers	
MUSI	2211, 2212	ENCORE Singers	
MUSI	1154, 1190	Concert Band	
MUSI	2154, 2190	Concert Band	
MUSI	1155, 1160	Jazz Ensemble	
MUSI	2155, 2160	Jazz Ensemble	
MUSI	1156, 1161	Brass Ensemble	
MUSI	2156, 2161	Brass Ensemble	
MUSI	1157, 1162	Percussion Ensemble	
MUSI	2157, 2162	Percussion Ensemble	
MUSI	1158, 1163	Woodwind Ensemble	
MUSI	2158, 2163	Woodwind Ensemble	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hrs, the extra semester hr may be placed in Area F if applicable.
** Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

IMPORTANT: (1) Music majors are encouraged to participate in an ensemble each semester to meet the "Performance Ensemble Requirements" of some transfer institutions. The majors are also encouraged to take two hours of applied lesions in their primary instrument each semester. **(2)**A piano proficiency examination must be passed by all transfer students before graduation. Non-piano majors are encouraged to take class piano or private applied piano until this examination is completed successfully. **(3)** Music majors are also encouraged to select MUSI 1103 (Music Appreciation) to fulfill the Humanities requirement under Area C.

NURSING, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra*	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:			8
BIOL	1107, 1108	Principles of Biology I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
PHYS	1111, 1112	General Physics I & II	
Any course from Area D, Option IIa, see pages 123-124			3-4
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
BIOL	2114, 2115	Anatomy and Physiology I & II	8
BIOL	2131	Microbiology	4
PSYC	2103	Introduction to Human Development	3
Elective:			3
MATH	2000	Elementary Statistics**	
PSYC	1101	Introduction to Psychology***	
SOCI	1101	Introduction to Sociology***	
SOCI/PSYC		Advanced Sociology or Psychology	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*Students may substitute a course for which MATH 1111 is a prerequisite.
**If not taken in Area D.
***If not taken in Area E.

OCCUPATIONAL THERAPY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
SPCH	1101	Oral Communications	2
BUSA	1205	Computer Literacy	2
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
MATH	2000	Elementary Statistics	3
Choose one of the following sequences:			8
BIOL	1107, 1108	Principles of Biology I & II	
	or		
CHEM	1211, 1212	Principles of Chemistry I & II	
	or		
PHYS	1111, 1112	General Physics I & II	
Area E – Social Sciences, 12 credit hours			
PSYC	2103	Introduction to Human Development	3
See Social Sciences, pages 124-125.			9
Area F – Majors, 18 credit hours			
BIOL	2114	Anatomy and Physiology I	4
PSYC	1101	Introduction to Psychology	3
PSYC	2104	Introduction to Abnormal Psychology	3
SOCI	1101	Introduction to Sociology	3
CHEM	1211	Principles of Chemistry I*	
	or		
PHYS	1111	General Physics I*	4
Guided Elective**			1-4
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If not taken in Area D.
**It is strongly recommended that students take BIOL 2115.

Please note that MATH 1112 is a prerequisite for PHYS 1111.
Students must take 23 extra credit hours to total 90 prerequisite hours for admission to the Occupational Therapy Master's degree program. Please consult the Occupational Therapy advisor for most relevant elective courses.

OPTOMETRY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences**	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
Choose from the following:			8
CHEM	2912, 2922	Organic Chemistry I & II	
PHYS	1111, 1112	General Physics I & II	
Elective and Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Pre-Optometry.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

PHARMACY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:			8
CHEM	1211, 1212	Principles of Chemistry I & II	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			4
BIOL	1120	Essentials of Life Sciences*	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I**	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours**			
BIOL	1107, 1108	Principles of Biology I & II	8
CHEM	2912, 2922	Organic Chemistry I & II	8
Elective and Overflow from Areas A & D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.
**If MATH 1127 is not taken in Area A or D, it must be taken in Area F.
Note: Students who plan to attend Mercer University School of Pharmacy should also take PHYS 1111, ECON 2105 or 2106, and SPCH 2201.
Note: Students who plan to attend South University should also take PHYS 1111 and BIOL 2114, 2115.
Note: Students who plan to attend The University of Georgia School of Pharmacy should also take SPCH 2201, MATH 2000 and ECON 2105 or 2106.

PHYSICAL THERAPY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
CHEM	1211*, 1212	Principles of Chemistry I *& II	8
MATH	2000	Elementary Statistics	3
Area E – Social Sciences, 12 credit hours			
PSYC	1101	Introduction to Psychology	3
See Social Sciences, pages 124-125.			9
Area F – Majors, 18 credit hours			
BIOL	1107	Principles of Biology I	4
PSYC	2103	Introduction to Human Development	3
PSYC	2104	Introduction to Abnormal Psychology	3
Choose from the following:			8
BIOL	2114, 2115	Anatomy and Physiology I & II	
	or		
PHYS	1111**, 1112	General Physics I** & II	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

* Note that MATH 1111 is a prerequisite of CHEM 1211
** Note that MATH 1112 is a prerequisite of PHYS 1111

It is highly recommended that Pre-Physical Therapy majors take the Math departmental exam upon admission to Middle Georgia College to attempt to exempt MATH 1111 and/or MATH 1112.

Since the Physical Therapist level has moved to a doctorate of Physical Therapy, students must complete a bachelor's degree prior to admission to a Physical Therapy doctorate program. See the Pre-Physical Therapy advisor for more information.

PHYSICIAN'S ASSISTANT, PRE
(Recommended Program of Study)

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
SPCH	1101	Oral Communications	2
BUSA	1205	Computer Literacy	2
Area C – Humanities/Fine Arts, 6 credit hours			
ENGL	2111-2232	Literature	3
Humanities/Fine Art Elective, pages 121-122.			3
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II*	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			3-4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences**	
CHEM	2912	Organic Chemistry I	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
MATH	2000	Elementary Statistics	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
POLS	1101	American Government	3
HIST	2111 or 2112	United States History	
or HIST	2100	Introduction to Local/Georgia History	3
HIST	1011-1013	World Civilization I, II, or III	3
Social Science Elective, pages 124-125.			3
Area F – Majors, 18 credit hours* **			
BIOL	2131	Microbiology	4
CHEM	1211, 1212	Principles of Chemistry I & II	8
CHEM	1152	Survey of Chemistry II	4
Elective: Select from Anatomy & Physiology, Psychology, Statistics, Physics, and computer courses			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*For students planning to attend the Medical College of Georgia, BIOL 1107 and 1108 must be completed.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.
***BIOL 2114, 2115 (Human Anatomy and Physiology I & II) is also recommended.
Note that the PA program at the Medical College of Georgia is a master's level program. A student is eligible for admission after completing 90 hours of undergraduate course work.

PHYSICS

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II	
CHEM	1211, 1212	Principles of Chemistry I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			3-4
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences***	
CHEM	1211	Principles of Chemistry I	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
MATH	1128	Calculus II	4
MATH	2207	Calculus III	3
PHYS	2211, 2212	Calculus-Based Physics I & II	8
Elective**** and Overflow from Areas A and D			3
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*CHEM 1211, 1212 (Principles of Chemistry I & II) are strongly recommended for admission into a bachelor's degree program in Physics.
***Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.
****MATH 2208 is highly recommended.
Note: If MATH 1127 is not taken in Area A or D, it must be taken in Area F.

POLITICAL SCIENCE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
Choose three of the following:			9
POLS	2101	Introduction to Political Science	
POLS	2201	Introduction to State and Local Government	
POLS	2401	Introduction to Global Issues	
POLS	2601	Introduction to Public Administration	
POLS	2701	Introduction to International Relations	
POLS	2801	Special Topics	
Electives:			9
BUSA	2201	Fundamentals of Computer Applications	
CRJU		Criminal Justice Courses	
Foreign Language			
MATH	1127	Calculus I	
MATH	1128	Calculus II	
MATH	2000	Elementary Statistics	
MATH	2207	Calculus III	
MATH	2208	Linear Algebra	
MATH	2209	Differential Equations	
POLS	2801	Special Topics	
Social Science Electives, pages 124-125.			

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

PSYCHOLOGY

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1111	College Algebra	3	3-4
	or			
MATH	1112	Plane Trigonometry	3	
	or			
MATH	1113	Precalculus Mathematics	4	
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
Choose one of the following: (Science Sequence is required)				8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy		
BIOL	1103, 1104	Introductory Biology I & II		
PHYS	1011, 1012	Physical Science I & II		
SCIN	1105, 1106	Interdisciplinary Sciences I & II		
	or			
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124				
Choose one of the following:				3-4*
ASTR	1012	Astronomy of the Solar System		
BIOL	1103	Introductory Biology I		
BIOL	1120	Essentials of Life Sciences**		
MATH	1112	Plane Trigonometry		
MATH	1113	Pre-Calculus Mathematics		
MATH	1127	Calculus I		
MATH	2000	Elementary Statistics		
PHYS	1011	Physical Science I		
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)		
	or			
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124				
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
PSYC	1101	Introduction to Psychology		3
Choose two from the following:				6
PSYC	2101	Introduction to the Psychology of Adjustment		
PSYC	2103	Introduction to Human Development		
PSYC	2104	Introduction to Abnormal Psychology		
Electives (choose three from the following):				9
Foreign Language				
BUSA	2201	Fundamentals of Computer Applications		
MATH	2000	Elementary Statistics		
SOCI	1101	Introduction to Sociology		
SPCH	2201	Public Speaking		

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

RESPIRATORY THERAPY, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
BIOL	1107, 1108	Principles of Biology I & II	8
CHEM	1151, 1152	Survey of Chemistry I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
PHYS	1111, 1112	General Physics I & II	
Any course from Area D, Option IIb, page 124.			3-4*
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
BIOL	2114, 2115	Anatomy and Physiology I & II	8
BIOL	2131	Microbiology	4
Choose from:			3-4
BIOL	1107	Principles of Biology I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
PHYS	1111	General Physics I	
PHYS	2211	Calculus-Based Physics I	
PSYC	2103	Introduction to Human Development	
Electives and overflow from Area D			2-3
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.

Students planning to transfer to the Medical College of Georgia may take any lab science in Area D.

SECONDARY EDUCATION

Course	Number	Title		Credit Hours
Area A- Essential Skills, 9 credit hours				
ENGL	1101	Composition I		3
ENGL	1102	Composition II		3
MATH	1111	College Algebra	3	3-4
	or			
MATH	1112	Plane Trigonometry	3	
	or			
MATH	1113	Precalculus Mathematics	4	
Area B – Institutional Options, 4 credit hours				
See Institutional Options, page 121.				4
Area C – Humanities/Fine Arts, 6 credit hours				
See Humanities/Fine Arts, pages 121-122.				6
Area D – Science and Mathematics, 11 credit hours				
Choose one of the following: (Science Sequence is required)				8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy		
BIOL	1103, 1104	Introductory Biology I & II		
PHYS	1011, 1012	Physical Science I & II		
SCIN	1105, 1106	Interdisciplinary Sciences I & II		
	or			
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124				
Choose one of the following:				3-4*
ASTR	1012	Astronomy of the Solar System		
BIOL	1103	Introductory Biology I		
BIOL	1120	Essentials of Life Sciences**		
MATH	1112	Plane Trigonometry		
MATH	1113	Precalculus Mathematics		
MATH	1127	Calculus I		
MATH	2000	Elementary Statistics		
PHYS	1011	Physical Science I		
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)		
	or			
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124				
Area E – Social Sciences, 12 credit hours				
See Social Sciences, pages 124-125.				12
Area F – Majors, 18 credit hours				
EDUC	2110	Investigating Critical & Contemporary Issues in Education		3
EDUC	2120	Exploring Socio-Cultural Perspectives on Diversity		3
EDUC	2130	Exploring Teaching and Learning		3
Choose three (3) courses to be taken outside of Area F in the area of required concentration				9
Outside Core				
MGCS	1101	Managing Goals and Careers		2
HLTH	1101	Health		2
PHED (3 one-hour courses)		Physical Education		3
			Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

SOCIAL WORK

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
SOCI	1101	Introduction to Sociology	3
SOCI	1160	Introduction to Social Problems	3
SOCW	2215	Introduction to Social Welfare	3
Restricted Electives:			9
BUSA	2201	Fundamentals of Computer Applications	
CRJU	1100	Introduction to Criminal Justice	
CRJU	2316	Introduction to Criminology	
	or		
CRJU	2317	Introduction to Criminal Law	
ECON	2105	Principles of Macroeconomics	
	or		
ECON	2106	Principles of Microeconomics	
Foreign Language			
HIST	2132	Minorities in American History	
MATH	2000	Elementary Statistics	
SOCI	2293	Introduction to Marriage and Family	

PSYC	1101	Introduction to Psychology	
PSYC	2103	Introduction to Human Development	
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

SOCIOLOGY

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
SOCI	1101	Introduction to Sociology	3
SOCI	1160	Introduction to Social Problems	3
MATH	2000	Elementary Statistics	3
Restricted Electives:			9
BUSA	2201	Fundamentals of Computer Applications	
CRJU	2316	Introduction to Criminology	
ECON	2105	Principles of Macroeconomics	
	or		
ECON	2106	Principles of Microeconomics	
Foreign Language			
HIST	2132	Minorities in American History	
PHIL	2201	Survey of Philosophy	
PSYC	1101	Introduction to Psychology	
SOCI	2215	Introduction to Social Welfare	
SOCI	2293	Introduction to Marriage and Family	

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

SPEECH AND DRAMA
(Traditional Program)

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
CIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			18
DANC	1130, 2230	Jazz Dance	
DANC	1131, 2231	Tap Dance	
DANC	1132, 2232	Beginning Dance	
DRAM	1101, 1103, 1104, 1105, 2201, 2203, 2204, 2205	Play Production	
DRAM	1102	Fundamentals of Drama	
DRAM	2222	Theatre Appreciation	
DRAM	2234	Stagecraft: Scene Building and Painting	
SPCH	2201	Public Speaking	

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

Note: Theatre students are encouraged to select dance courses to satisfy their physical education requirements. Also, in Area C, students are encouraged to take DRAM 1102 or DRAM 2222.

SPEECH AND DRAMA
(Emphasis in Musical Theatre)

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following: (Science Sequence is required)			8
ASTR	1012, 1013	Astronomy of the Solar System & Stellar and Galactic Astronomy	
BIOL	1103, 1104	Introductory Biology I & II	
PHYS	1011, 1012	Physical Science I & II	
SCIN	1105, 1106	Interdisciplinary Sciences I & II	
	or		
Any science sequence listed under Science Majors or Health Professions Majors, see pages 123-124			
Choose one of the following:			3-4*
ASTR	1012	Astronomy of the Solar System	
BIOL	1103	Introductory Biology I	
BIOL	1120	Essentials of Life Sciences**	
MATH	1112	Plane Trigonometry	
MATH	1113	Precalculus Mathematics	
MATH	1127	Calculus I	
MATH	2000	Elementary Statistics	
PHYS	1011	Physical Science I	
SCIN	1105	Interdisciplinary Sciences I (for students who took PHYS 1011 and 1012 as their science sequence)	
	or		
Any science course listed under Science Majors or Health Professions Majors, see pages 123-124			
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
MUSI	1104	Aural Skills	1
MUSI	1106	Elementary Music Theory I	2
MUSI	1107	Elementary Music Theory II	2
Choose from the following:			3
MUSA	1100, 1101, 1102	Applied Piano	
MUSA	1110, 1111, 1112	Applied Voice	
MUSA	1113, 1114, 1115	Applied Voice	
MUSA	2110, 2111, 2112	Applied Voice	
MUSA	2113, 2114, 2115	Applied Voice	
Choose from the following:			10
DANC	1130, 2230	Jazz Dance	
DANC	1131, 2231	Tap Dance	
DANC	1132, 2232	Ballet	
DRAM	1101, 1103, 1104, 1105, 2201, 2203, 2204, 2205	Play Production	
DRAM	1102	Fundamentals of Drama	

DRAM	2222	Theatre Appreciation	
MUSI	1103	Music Appreciation	
MUSI	1105	Aural Skills II	
MUSI	1111, 1112, 2211, 2212	ENCORE Singers	
SPCH	2201	Public Speaking	

Outside Core

MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
**Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

Note: Musical Theatre students are encouraged to select dance courses to satisfy their physical education requirements. Also, in Area C, students are encouraged to take MUSI 1103, DRAM 1102, or DRAM 2222 as their elective.

SPORTS MEDICINE, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:			8
BIOL	1107, 1108	Principles of Biology I & II	
PHYS	1111, 1112**	General Physics I & II	
CHEM	1211, 1212	Principles of Chemistry I & II	
Choose the following:			3
MATH	2000	Elementary Statistics	
Area E – Social Sciences, 12 credit hours			
PSYC	1101*	Introduction to Psychology*	3
See Social Sciences, pages 124-125.			9
Area F – Majors, 18 credit hours			
BIOL	2114, 2115	Human Anatomy & Physiology I & II	8
PSYC	2103	Introduction to Human Development	3
SMED	1200	Medical Terminology	2
SMED	1600	Fitness and Wellness Concepts	2
SMED	2200	Fundamentals of Sports Injury Management	3
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)**		Physical Education**	3
		Total	**67**

*Students must take PSYC 1101 in Area E as it is a prerequisite to PSYC 2103 which is required for Area F.
**PHED 1178 strongly recommended.

This program of study is designed to prepare students to transfer and apply to senior-level institutions in the State of Georgia that offer a Bachelor's Degree in Athletic Training/Sport Medicine, Exercise Science, and other disciplines associated with sports medicine.

TEXTILE ENGINEERING

Transfer Program in Pre-Engineering (Textile Engineering Option)

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Chemistry	1212	Principles of Chemistry II	4
Chemistry	2912	Organic Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	3
		Total	**75**

This program of study will prepare the student to enter the junior year at a senior college which offers a baccalaureate program in Textile Engineering. The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

The specific course requirements of area senior colleges, including additional transfer courses in technical and liberal arts subjects, are available from the Engineering Department at MGC.

Due to the requirements of senior engineering institutions, engineering students usually need to take a heavier than normal class load during their freshman and sophomore years.

VETERINARY MEDICINE, PRE

Course	Number	Title	Credit Hours
Area A- Essential Skills, 9 credit hours			
ENGL	1101	Composition I	3
ENGL	1102	Composition II	3
MATH	1113	Precalculus Mathematics	4
Area B – Institutional Options, 4 credit hours			
See Institutional Options, page 121.			4
Area C – Humanities/Fine Arts, 6 credit hours			
See Humanities/Fine Arts, pages 121-122.			6
Area D – Science and Mathematics, 11 credit hours			
Choose one of the following sequences:*			8
BIOL	1107, 1108	Principles of Biology I & II*	
GEOL	1125, 1126	Physical and Historical Geology	
PHYS	1111, 1112	General Physics I & II	
PHYS	2211, 2212	Calculus-Based Physics I & II	
Choose one of the following:			3-4**
BIOL	1107	Principles of Biology I	
BIOL	1120	Essentials of Life Sciences***	
CHEM	2912	Organic Chemistry I	
GEOL	1125	Physical Geology	
MATH	1127	Calculus I	
MATH	1128	Calculus II	
PHYS	1111	General Physics I (not allowed if Calculus-Based Physics I & II are taken)	
PHYS	2211	Calculus-Based Physics I (not allowed if General Physics I & II are taken)	
Area E – Social Sciences, 12 credit hours			
See Social Sciences, pages 124-125.			12
Area F – Majors, 18 credit hours			
CHEM	1211, 1212	Principles of Chemistry I & II	8
Choose from the following:			8
CHEM	2912, 2922	Organic Chemistry I & II	
	or		
PHYS	1111, 1112	General Physics I & II	
Elective or Overflow from Areas A and D			2
Outside Core			
MGCS	1101	Managing Goals and Careers	2
HLTH	1101	Health	2
PHED (3 one-hour courses)		Physical Education	3
		Total	**67**

*BIOL 1107, 1108 (Principles of Biology I & II) are required for admission into a bachelor's degree program in Pre-Veterinary Medicine.
**If the course carries more than 3 semester hours, the extra semester hour may be placed in Area F if applicable.
***Students may take Essentials of Life Sciences or Principles of Biology I & II, but not both for credit.

Career Programs

Associate of Science in Nursing (ASN)

			Credit Hours
Semester I – Fall			
*BIOL	2115	Anatomy and Physiology II	4
*BUSA	1205	Computer Literacy	2
*ENGL	1101	Composition I	3
NURS	1111	Introduction to Nursing Skills	0-3-1
NURS	1711	Introduction to Nursing Concepts	5-6-7
			17
Semester II – Spring			
*PSYC	1101	Introduction to Psychology	3
NURS	1921	Adult /Child Nursing I	5-12-9
			12
Semester III – Summer			
*BIOL	2131	Microbiology	4
*ENGL	2111-2132	Choice of English Literature	3
*MATH	1111	College Algebra	3
			10
Semester IV – Fall			
*HIST	2111 or 2112	United States History I or II	3
*PSYC	2103	Introduction to Human Development	3
Elective**			2
NURS	2531	Adult/Child Nursing II	4-12-8
			16
Summer V – Spring			
*POLS	1101	American Government	3
NURS	2741	Adult-Child Nursing III	4-12-8
			11
		TOTAL	**70**

Nursing majors are advised through the Division of Health Sciences – Department of Nursing.
*Core Courses
The following courses do **not qualify for this elective credit:
HLTH 1101
MGCS 1101
Physical Education
All nursing courses must be completed within four years of the date of entry into the first nursing course.
NOTE: Nursing students must complete BIOL 2114 and 8 credit hours of core courses as part of admission criteria for the Nursing Program.

Associate of Science in Occupational Therapy Assistant (ASOTA)

				Credit Hours
Semester I – Summer				
BIOL	2114	Human Anatomy & Physiology I		4
ENGL	1101	English Composition I		3
PSYC	1101	Introduction to Psychology		3
				10
Semester II – Fall				
BIOL	2115	Human Anatomy & Physiology II		4
PSYC	2103	Introduction to Human Development		3
OCTA	1300	Introduction to OTA		2-3-3
OCTA	1211	Analysis of Human Movement		1-3-2
				12
Semester III – Spring				
OCTA	1410	Therapeutic Media I		1-9-4
OCTA	1421	Psychosocial Practice for the OTA		2-7-4
OCTA	1422	Physical Practice for the OTA		3-9-6
				14
Semester IV – Summer				
MATH	1111	College Algebra		3
POLS	1101	American Government		3
HIST	2111, 2112, 2100	United States or Georgia History		3
Choose one of any Area C Humanities electives (See pages 121-122)				3
ENGL	2111-2132	English Literature		
ARTS	1100	Art Appreciation		
DRAM	2222	Theatre Appreciation		
MUSI	1103	Music Appreciation		
				12
Semester V – Fall				
OCTA	2323	Pediatric Practice for the OTA		2-9-5
OCTA	2224	Innovative Practice for the OTA		1-5-3
OCTA	2110	Adaptive Techniques for OTA		0-3-1
OCTA	2230	OTA Seminar		2-3-3
				12
Summer VI – Spring				
OCTA	2100	Level II Fieldwork	0-40-12	
	or	or	or	
OCTA	2542	Level II Fieldwork	0-20-6	
	and	and	and	
OCTA	2541	Level II Fieldwork	0-20-6	
			12	
				12
			TOTAL	**72**

OTA majors are advised through the Division of Health Sciences – Department of Occupational Therapy Assistant (478) 934-3402.

(AIR TRAFFIC MANAGEMENT TECHNOLOGY)

Associate of Applied Science (AAS) in Air Traffic Management

***Program Description*:** The Air Traffic Management degree program provides training in the application of non-radar/radar air traffic control procedures as well as control tower operator training and experience. The only technical college with a student-operated control tower, GAVTC provides the opportunity for control certification and facility ratings, which meet FAA hiring qualifications. Graduates may look forward to a career as an air traffic control specialist with federal government, private industry, or military services. Additional opportunities exist in the rapidly expanding fields of general and commercial aviation.

Mission Statement: The mission of the Air Traffic Management program is to provide education opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of Air Traffic Control.

Minimum Entrance Age: 17
Program Length: Four Semesters
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia

Entrance Requirements: Must be less than 27 years of age
Education: High school diploma or certified GED scores.
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: A current Second class medical certificate provided by FAA-approved physician.

Freshman Year			**Credit Hours**
ENGL	1101	Composition I	3
BUSA	1205	Computer Literacy	2
MATH	1111	Algebra	3
ATMP	2150	Introduction to Air Traffic Management	3
POLS	1101	American Government	3
AOTP	2130	Aviation Safety and Security	3
ENGL	1102	Composition II	3
FTPT	1160	Fundamentals of Private Pilot Flight Operations	3
FTPT	1000	Aviation Regulations	3
FTPT	1040	Aviation Meteorology	3
HIST	2111 or 2112	U. S. History I or II	3
Physical Education and Health			3
			35

Sophomore Year			**Credit Hours**
SPCH	1101	Oral Communication	2
FTPT	1310	Fundamentals of Instrument Pilot Flight Ops	3
ATMP	2170	Enroute and Terminal Operations	3
FTPT	1060	Aerodynamics	2
ATMP	2190	ATC Tower Operations	3
ATMP	2191	Certificated Tower Operations I	3
ENGL	2111-2132	English Literature Elective	3
AOTP	2110	Aviation Law and Insurance	3
ATMP	2210	Advanced Air Traffic Management	3
ATMP	2191	Certificated Tower Operations II	3
Physical Education*			2
			30

TOTAL 65

*Note: ENGL 2208 (Technical Communications) may be taken in lieu of Physical Education for Georgia Aviation Campus students.

(AIRCRAFT STRUCTURAL TECHNOLOGY)

Associate of Applied Science (AAS) in Aircraft Structural Technology

***Program Description*:** The Aircraft Structural Technology degree program combines aircraft sheet metal theory and skills with practical experience to prepare the graduate for successful entry-level employment, job retention, and advancement in the manufacture and repair fields. Precision measurement, pneumatic drilling, riveting, and repairing aircraft structures, inspecting and diagnosing aircraft damage, cutting and forming aircraft metals, fabricating and repairing flight control components, fiberglass, metal bonded, and honeycomb structures, as well as advanced composites are covered.

***Mission Statement*:** The mission of the Aircraft Structural Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of Aircraft Structural Technology.

Minimum Entrance Age: 16
***Program Length*:** Four Semesters - Full-time, Varies if Part-time
***Entrance Dates*:** Each Semester, Day and night classes available
Campus Location: Eastman, Georgia

Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Provisional admission to this program is available.

Freshman Year			**Credit Hours**
ENGL	1101	Composition I	3
MATH	1111	College Algebra	3
BUSA	1205	Computer Literacy	2
HIST	2111 or 2112	U. S. History I or II	3
ASTP	1010	Basic Blueprint Reading	3
ASTP	1020	Aircraft Blueprint Reading	3
ASTP	1030	Structural Fundamentals	5
ASTP	1040	Structural Layout and Fabrication	5
ASTP	1050	Principles of Aerospace Quality Control	3
ASTP	1070	Aircraft Structural Aerodynamics	2
Physical Education and Health			3
			35

Sophomore Year			**Credit Hours**
PSYC	1101	Introduction to Psychology	3
ENGL	1102	Composition II	3
ENGL	2111-2132	English Literature Elective	3
POLS	1101	American Government	3
ASTP	1090	Composites and Bonded Structures	4
ASTP	1100	Sealants	2
ASTP	1110	Corrosion Control	4
ASTP	1120	Aircraft Metallurgy	5
ASTP	1180	Aircraft Technical Publications	3
Physical Education*			2
			32

TOTAL 67

*Note: ENGL 2208 (Technical Communications) may be taken in lieu of Physical Education for Georgia Aviation Campus students.

(AVIATION MAINTENANCE TECHNOLOGY)

Associate of Applied Science (AAS) in Aviation Maintenance Technology

***Program Description*:** The Aviation Maintenance Technology (AMT) degree program prepares students for careers in aircraft maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical, and written examinations. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe and Powerplant (A&P) mechanic.

Mission Statement: The mission of the Aviation Maintenance Technology program is to provide education opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of aviation maintenance technology.

Minimum Entrance Age: 16
Program Length: Six Semesters - Full-time, Varies if Part-time
Entrance Dates: Each Semester. Day classes only.
Campus Location: Eastman, Georgia

Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required. Summer attendance required.

Freshman Year			**Credit Hours**
AMTP	1000	Aviation Mathematics	2
AMTP	1010	Aircraft Maintenance Regulations	2
AMTP	1020	Aircraft Applied Sciences	9
AMTP	1030	Aircraft Electricity and Electronics	5
AMTP	1210	Aviation Physics	2
AMTP	2010	Aircraft Airframe Structures	2
AMTP	2020	Airframe Sheet Metal and Non-Metallic Structures	5
AMTP	2030	Airframe Welding	1
AMTP	2040	Airframe Assembly and Rigging	2
AMTP	2050	Airframe Inspection	3
AMTP	2060	Aircraft Hydraulic & Pneumatic Systems	2
AMTP	2070	Aircraft Landing Gear Systems	2
ENGL	1101	Composition I	3
MATH	1111	College Algebra	3
BUSA	1205	Computer Literacy	2
ENGL	1102	Composition II	3
POLS	1101	American Government	3
Physical Education and Health			2
			53

Sophomore Year			**Credit Hours**
AMTP	2080	Aircraft Environmental Control Systems	7
AMTP	2090	Aircraft Electrical, Comm, and Nav Systems	6
AMTP	2210	Reciprocating Engine Powerplants I	3
AMTP	2220	Reciprocating Engine Powerplants II	5
AMTP	2230	Gas Turbine Powerplants I	3
AMTP	2240	Gas Turbine Powerplants II	3
AMTP	2250	Aircraft Engine Inspection	1
AMTP	2260	Aircraft Engine Fuel and Fuel Metering Systems	5
AMTP	2270	Aircraft Engine Electrical, Ignition, and Starting	7
AMTP	2280	Aircraft Powerplant Accessory Systems	6
ENGL	2111-2132	English Literature Elective	3

HIST	2111or 2112	U. S. History I or II	3
Physical Education*			2
			54

TOTAL 107

*Note: ENGL 2208 (Technical Communications) may be taken in lieu of Physical Education for Georgia Aviation Campus students.

(FLIGHT TECHNOLOGY)

Associate of Applied Science (AAS) in Flight Technology (Airplane)

***Program Description*:** The Flight Technology associate degree program is intended to provide instruction in the occupational area of commercial flight as currently understood and practiced by Federal Aviation Administration Commercial Pilot certificate holders. Program graduates are to be competent in the general areas of humanities or fine arts, social or behavioral sciences, and natural sciences or mathematics. Graduates are trained in the specific areas of flight navigation, aviation meteorology, aerodynamics, aviation regulation, instrument navigation, commercial pilot flight operations, and flight instructional methods. Program graduates obtain the FAA Commercial Pilot certificate with Instrument Airplane and Multi-Engine rating and the Airplane Flight Instructor certificate with Single-Engine privileges.

Mission Statement: The mission of the Flight Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 17 ***Program Length:*** Four Semesters - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, proof of citizenship, student pilot certificate (if appropriate)
Education: High school diploma or certified GED scores.
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required. *ENGL 2208 (Technical Communications) may be taken in lieu of Physical Ed.

Freshman Year			**Credit Hours**
ENGL	1101	Composition I	3
POLS	1101	American Government	3
FTPT	1160	Fundamentals of Private Pilot Flight Operations	3
FTPT	1170	Private Pilot Flight Operations	1
FTPT	1020	Flight Navigation	3
FTPT	1060	Aerodynamics	2
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1310	Fundamentals of Instrument Pilot Flight Ops	3
FTPT	1420	Commercial Pilot Flight Operations I	1
Physical Education and Health			3
			34

Sophomore Year			**Credit Hours**
PSYC	1101	Introduction to Psychology	3
ENGL	2111-2132	English Literature Elective	3
FTPT	1410	Fundamentals of Commercial Flight Operations	3
FTPT	1320	Instrument Pilot Flight Operations	1
FTPT	1110	Flight Instruction Methods I	3
FTPT	1430	Commercial Pilot Flight Operations II	2
BUSA	1205	Computer Literacy	2
HIST	2111 or 2112	U. S. History I or II	3
PHYS	1111	General Physics I	3
FTPT	2230	Fundamentals of Multi-Engine Pilot Flight Ops	1
FTPT	2110	Flight Instruction Methods II	3
FTPT	2240	Commercial Pilot Multi-Engine Flight Operations	1
FTPT	2200	Flight Instruction Certification	2
Physical Education*			2
			32

TOTAL 66

(FLIGHT TECHNOLOGY)

Associate of Applied Science (AAS) in Flight Technology (Rotorcraft Helicopter)

***Program Description*:** The Flight Technology associate degree rotorcraft helicopter program is intended to provide instruction in the occupational area of FAA commercial helicopter flight. Program graduates are to be competent in the general areas of humanities or fine arts, social or behavioral sciences, and natural sciences or mathematics. Graduates are trained in the specific areas of flight navigation, aviation meteorology, aerodynamics, aviation regulation, instrument navigation, commercial pilot flight operations, and flight instructional methods. Program graduates obtain the FAA Commercial Pilot rotorcraft helicopter certificate and the Rotorcraft Helicopter Flight Instructor certificate.

Mission Statement: The mission of the Flight Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 17
Program Length: Four Semesters - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, proof of citizenship, student pilot certificate (if appropriate)
Education: High school diploma or certified GED scores.
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required. *ENGL 2208 (Technical Communications) may be taken in lieu of Physical Ed.

Freshman Year			**Credit Hours**
ENGL	1101	Composition I	3
POLS	1101	American Government	3
FTHT	1080	Fundamentals of Helicopter Flight Operations	3
FTHT	1100	Introduction to Helicopter Flight Operations	1
FTPT	1020	Flight Navigation	3
FTPT	1060	Aerodynamics	2
ENGL	1102	Composition II	3
MATH	1111	College Algebra	3
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1310	Fundamentals of Instrument Pilot Flight Ops	3
FTHT	2080	Commercial/Instrument Pilot Helo Flight Ops I	1
Physical Education and Health			3
			34
Sophomore Year			
PSYC	1101	Introduction to Psychology	3
ENGL	2111-2132	English Literature Elective	3
FTHT	2070	Fundamentals of Commercial Flight Helo Ops	3
FTHT	2090	Commercial/Instrument Pilot Flight Helo Ops II	2
FTPT	1110	Flight Instruction Methods I	3
FTHT	2100	Commercial/Instrument Pilot Flight Helo Ops III	1
BUSA	1205	Computer Literacy	2
HIST	2111 or 2112	U. S. History I or II	3
PHYS	1111	General Physics I	3
BUSA	2105	Business Communication	3
FTPT	2110	Flight Instruction Methods II	3
FTHT	2200	Flight Instruction Certification	2
Physical Education*			2
			33
		TOTAL	**67**

(AIRCRAFT STRUCTURAL TECHNOLOGY)

Certificate Program in Advanced Composites Processes

Program Description: The Advanced Composites Processes certificate program will provide the student with advanced skills and knowledge needed by the aircraft structural worker in the workplace, and enable the graduate to better perform duties required in the Advanced Composites career field. This certificate will prepare students to enter employment proficient in advanced composites techniques and applications and will upgrade the skills of current aircraft structural personnel working in the field.

Mission Statement: The mission of the Advanced Composites Processes program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, and skills necessary to succeed in the field of advanced composites processes.

Minimum Entrance Age: 18
Program Length: One Semester
Entrance Dates: Each Semester, Day classes only
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services

			Credit Hours
ASTP	1020	Aircraft Blueprint Reading	3
ASTP	1090	Composites and Bonded Structures	4
ASTP	2090	Advanced Composites and Repair	5
ASTP	1129	Introduction to Computer Aided Design (CAD)	4
		TOTAL	**16**

(AIRCRAFT STRUCTURAL TECHNOLOGY)

Certificate Program in Aircraft Structural Technology

Program Description: The Aircraft Structural Technology certificate program combines aircraft sheet metal theory and skills with practical experience to prepare the graduate for successful entry-level employment, job retention, and advancement in the manufacture and repair fields. Precision measurement, pneumatic drilling, riveting, and repairing aircraft structures, inspecting and diagnosing aircraft damage, cutting and forming aircraft metals, fabricating and repairing flight control components, fiberglass, metal bonded, and honeycomb structures, as well as advanced composites are covered.

Mission Statement: The mission of the Aircraft Structural Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of Aircraft Structural Technology.

Minimum Entrance Age: 16
***Program Length*:** Two Semesters - Full-time, Varies if Part-time
***Entrance Dates*:** Quarterly, Day and night classes available
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services Provisional admission to this program is available.

			Credit Hours
ASTP	1010	Basic Blueprint Reading	3
ASTP	1020	Aircraft Blueprint Reading	3
ASTP	1030	Structural Fundamentals	5
ASTP	1040	Structural Layout and Fabrication	5
ASTP	1050	Principles of Aerospace Quality Control	3
ASTP	1070	Aircraft Structural Aerodynamics	2
ASTP	1090	Composites and Bonded Structures	4
ASTP	1100	Sealants	2
ASTP	1110	Corrosion Control	4
ASTP	1120	Aircraft Metallurgy	5
ASTP	1180	Aircraft Technical Publications	3
		TOTAL	**39**

(AIRCRAFT STRUCTURAL TECHNOLOGY)

Certificate Program in Aircraft Structural Worker

Program Description: The Aircraft Structural Worker certificate program will provide the student with basic skills and knowledge of the aircraft structural worker in the workplace, and enable the student to perform duties required by being knowledgeable in aircraft structural worker principles. This certificate will also prepare students to enter employment in manufacturing and assembly techniques and will upgrade the skills of current aircraft structural personnel working in the field.

Mission Statement: The mission of the Aircraft Structural Worker program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, and skills necessary to succeed in the field of aircraft structural worker.

Minimum Entrance Age: 18
Program Length: Two Semesters
Entrance Dates: Each Semester, Day and night classes available (minimum of 8 required for night class)
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
***Minimum Entrance Scores*:** For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services

			Credit Hours
ASTP	1010	Basic Blueprint Reading	3
ASTP	1020	Aircraft Blueprint Reading	3
ASTP	1030	Structural Fundamentals	5
ASTP	1040	Structural Layout and Fabrication	5
ASTP	1070	Aircraft Structural Aerodynamics	2
		TOTAL	**20**

(AIRCRAFT STRUCTURAL TECHNOLOGY)

Certificate Program in Aviation Welding

Program Description: The Aviation Welding certificate program will provide the student with advanced skills and knowledge needed by the aircraft structural worker in the workplace, and enable the graduate to better perform duties required. This certificate will prepare students to enter employment in the aviation welding field with techniques and applications knowledge and will upgrade the skills of current aircraft structural personnel working in the field.

Mission Statement: The mission of the Aviation Welding program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, and skills necessary to succeed in the field of aviation welding.

Minimum Entrance Age: 18
Program Length: One Semester
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services

				Credit Hours
ASTP	2100	Aviation Metal Fabrication		4
ASTP	2110	Aviation Welding		5
			TOTAL	**9**

(AIRCRAFT STRUCTURAL TECHNOLOGY)

Certificate Program in Fundamentals of Aerospace Computer Numerical Control Operations

Program Description: The Fundamentals of Aerospace Computer Numerical Control certificate program will provide the student with advanced skills and knowledge needed by the aircraft structural worker in the workplace, and enable the graduate to better perform duties required. This certificate will prepare students to enter employment in aerospace computer numerical control techniques and applications and will upgrade the skills of current aircraft structural personnel working in the field.

Mission Statement: The mission of the Fundamentals of Aerospace Computer Numerical Control Operations program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, and skills necessary to succeed in the field of Fundamentals of Aerospace Computer Numerical Control Operations.

Minimum Entrance Age: 18
Program Length: One Semester
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services

			Credit Hours
ASTP	1010	Basic Blueprint Reading	3
ASTP	1129	Introduction to Computer Aided Design (CAD)	4
ASTP	1130	Aerospace CAD	4
ASTP	2120	Computer Numerical Control Fundamentals	5
		TOTAL	**16**

(AVIATION MAINTENANCE TECHNOLOGY)

Certificate Program in
Aircraft Electrical Installer

Program Description: The Aircraft Electrical Installer certificate will provide students who hold an Airframe certificate with short-term training opportunities that will enable them to obtain knowledge, skills, and attitudes necessary for enhanced employment opportunities as aircraft electrical equipment installation and repair specialists.

Mission Statement: The mission of the Aircraft Electrical Installer program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, and skills necessary to succeed in the field of Aircraft Electrical Installer.

Minimum Entrance Age: 18
Program Length: One Semester
Entrance Dates: Each Semester
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
***Minimum Entrance Scores*:** For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services

			Credit Hours
AMTP	2500	Design and Maintenance of Aircraft Electrical Systems	3
AMTP	2510	Aircraft Wire Installation, Repair, and Inspection	4
AMTP	2520	Aircraft Electrical and Avionics Equipment Installation	3
		TOTAL	**10**

(AVIATION MAINTENANCE TECHNOLOGY)

Certificate Program in
Aviation Maintenance Technology (Airframe)

Program Description: To provide educational opportunities for persons needing employment skills and to enable them to attain educational and practical work experience so they may become employed in the field of aviation as a professional aviation maintenance technician. Completion of the Aviation Maintenance Technology Airframe Certificate is a mandatory step in achieving the Federal Aviation Administration (FAA) Airframe Mechanic Certification and License.

Mission Statement: The mission of the Aviation Maintenance Technology program is to provide education opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of aviation maintenance technology.

Minimum Entrance Age: 18
Program Length: Three Semesters – Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
***Minimum Entrance Scores*:** For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required. Summer attendance required.

			Credit Hours
AMTP	1000	Aviation Mathematics	2
AMTP	1010	Aircraft Maintenance Regulations	2
AMTP	1020	Aircraft Applied Sciences	9
AMTP	1030	Aircraft Electricity and Electronics	5
AMTP	1210	Aviation Physics	2
AMTP	2010	Aircraft Airframe Structures	2
AMTP	2020	Airframe Sheet Metal and Non-Metallic Structures	5
AMTP	2030	Airframe Welding	1
AMTP	2040	Airframe Assembly and Rigging	2
AMTP	2050	Airframe Inspection	3
AMTP	2060	Aircraft Hydraulic & Pneumatic Systems	2
AMTP	2070	Aircraft Landing Gear Systems	2
AMTP	2080	Aircraft Environmental Control Systems	7
AMTP	2090	Aircraft Electrical, Comm, and Nav Systems	6
		TOTAL	**50**

(AVIATION MAINTENANCE TECHNOLOGY)

Certificate Program in Aviation Maintenance Technology (Airframe and Powerplant)

***Program Description*:** The Aviation Maintenance Technology (AMT) certificate program prepares students for careers in aircraft maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical, and written examinations. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe and Powerplant (A&P) mechanic.

Mission Statement: The mission of the Aviation Maintenance Technology program is to provide education opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of aviation maintenance technology.

Minimum Entrance Age: 16
Program Length: Four Semesters - Full-time, Varies if Part-time
Entrance Dates: Each Semester. Day classes only.
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required. Summer attendance required.

			Credit Hours
AMTP	1000	Aviation Mathematics	2
AMTP	1010	Aircraft Maintenance Regulations	2
AMTP	1020	Aircraft Applied Sciences	9
AMTP	1030	Aircraft Electricity and Electronics	5
AMTP	1210	Aviation Physics	2
AMTP	2010	Aircraft Airframe Structures	2
AMTP	2020	Airframe Sheet Metal and Non-Metallic Structures	5
AMTP	2030	Airframe Welding	1
AMTP	2040	Airframe Assembly and Rigging	2
AMTP	2050	Airframe Inspection	3
AMTP	2060	Aircraft Hydraulic & Pneumatic Systems	2
AMTP	2070	Aircraft Landing Gear Systems	2
AMTP	2080	Aircraft Environmental Control Systems	7
AMTP	2090	Aircraft Electrical, Comm, and Nav Systems	6
AMTP	2210	Reciprocating Engine Powerplants I	3
AMTP	2220	Reciprocating Engine Powerplants II	5
AMTP	2230	Gas Turbine Powerplants I	3
AMTP	2240	Gas Turbine Powerplants II	3
AMTP	2250	Aircraft Engine Inspection	1
AMTP	2260	Aircraft Engine Fuel and Fuel Metering Systems	5
AMTP	2270	Aircraft Engine Electrical, Ignition, and Starting	7
AMTP	2280	Aircraft Powerplant Accessory Systems	6
		TOTAL	**83**

(AVIATION MAINTENANCE TECHNOLOGY)

Certificate Program in
Aviation Maintenance Technology (Powerplant)

Program Description: To provide educational opportunities for persons needing employment skills and to enable them to attain educational and practical work experience so they may become employed in the field of aviation as a professional aviation maintenance technician. Completion of the Aviation Maintenance Technology Powerplant Certificate is a mandatory step in achieving the Federal Aviation Administration (FAA) Powerplant Mechanic Certification and License.

Mission Statement: The mission of the Aviation Maintenance Technology program is to provide education opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of aviation maintenance technology.

Minimum Entrance Age: 18
Program Length: Three Semesters – Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
***Minimum Entrance Scores*:** For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required. Summer attendance required.

			Credit Hours
AMTP	1000	Aviation Mathematics	2
AMTP	1010	Aircraft Maintenance Regulations	2
AMTP	1020	Aircraft Applied Sciences	9
AMTP	1030	Aircraft Electricity and Electronics	5
AMTP	1210	Aviation Physics	2
AMTP	2210	Reciprocating Engine Powerplants I	3
AMTP	2220	Reciprocating Engine Powerplants II	5
AMTP	2230	Gas Turbine Powerplants I	3
AMTP	2240	Gas Turbine Powerplants II	3
AMTP	2250	Aircraft Engine Inspection	1
AMTP	2260	Aircraft Engine Fuel and Fuel Metering Systems	5
AMTP	2270	Aircraft Engine Electrical, Ignition, and Starting	7
AMTP	2280	Aircraft Powerplant Accessory Systems	6
		TOTAL	**53**

(AVIATION OPERATIONS TECHNOLOGY)

Certificate Program in
Aviation Service Center Line Technician

***Program Description*:** The Aviation Service Center Line Technician certificate will provide the student with advanced skills and knowledge needed by the aircraft line technician worker in the workplace, and enable the graduate to better perform duties required. This TCC will prepare students to enter employment proficient in aircraft servicing and handling as well as basic business techniques and applications and will upgrade the skills of current aircraft lineman personnel working in the field.

Mission Statement: The mission of the Aviation Service Center Line Technician program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of Aviation Service Center Line Technician.

Minimum Entrance Age: 16
Program Length: One Semester
Entrance Dates: To be announced
Campus Location: Eastman, Georgia
Entrance Requirements:
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services

			Credit Hours
AOTP	1070	Introduction to Aviation	3
AOTP	1120	Airport Line Operations	3
BUSA	1205	Computer Literacy	2
BUSA	1100	Business Interaction Skills	2
		TOTAL	**10**

Certificate Program in Criminal Justice

			Credit Hours
CRJU	1100	Introduction to Criminal Justice	3
CRJU	2316	Introduction to Criminology	3
CRJU	2317	Introduction to Criminal Law	3
CRJU	2318	Introduction to Correction	3
POLS	2601	Introduction to Public Administration	3
PHED	1178	First Aid and CPR	1-2
or			
HLTH	1101	Health	
		TOTAL	**16-17**

Note: LS Prerequisites - ENGL 0099 and READ 0099.

Certificate Program in Engineering Studies

			Credit Hours
ENGR	1001	Introduction to Engineering	3
ENGR	1002	Engineering Design Graphics	3
ENGR	1020	Computing for Engineers	3
ENGR	2005	Engineering Statics	3
ENGR	2006	Engineering Dynamics	3
ENGR	2300	Principles of Engineering Economy	3
		TOTAL	18

(FLIGHT TECHNOLOGY)

Certificate Program in Business Aircraft Operations

***Program Description*:** To provide Flight Technology students with short-term training opportunities that will enable them to obtain knowledge, skills, and attitudes necessary for employment directly by business aircraft operators.

Mission Statement: The mission of the Business Aircraft Operations program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 19
Program Length: One Semester - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, proof of citizenship, Commercial Pilot Certificate with Multi-Engine and Instrument ratings
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required

			Credit Hours
FTPT	XXXX	Elective approved by Program Chair	3
FTPT	2250	Fundamentals of Business Aircraft Systems and Ops	3
FTPT	2260	Advanced Business Aircraft Systems and Operations	3
FTPT	2270	Business Aircraft Flight Operations	2
		TOTAL	**11**

(FLIGHT TECHNOLOGY)

Certificate Program in Commercial Pilot (Airplane)

***Program Description*:** To provide educational opportunities for persons needing employment skills to enable them to attain educational and practical work experience so they may become employed in the field aviation as a professional pilot. Completion of the Commercial Pilot Certificate is a crucial step in helping a pilot build necessary credentials and experience for this career path.

Mission Statement: The mission of the Flight Technology Commercial Pilot program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 19
Program Length: One Semester - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, proof of citizenship, Private Pilot Certificate Airplane with Instrument rating and 120 hours total flight time
Education: High school diploma or certified GED scores.
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services There is no provisional admission for Flight Technology.
Other: Uniform required

			Credit Hours
FTPT	1020	Flight Navigation	3
FTPT	1060	Aerodynamics	2
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1420	Commercial Pilot Flight Operations I	1
FTPT	1410	Fundamentals of Commercial Flight Operations	3
FTPT	1430	Commercial Pilot Flight Operations II	2
		TOTAL	**17**

(FLIGHT TECHNOLOGY)

Certificate Program in Commercial Pilot (Rotorcraft Helicopter)

Program Description: To provide educational opportunities for persons needing employment skills to enable them to attain educational and practical work experience so they may become employed in the field of aviation as a professional pilot. Completion of the Commercial Pilot Certificate is a crucial step in helping a pilot build necessary credentials and experience for this career path.

Mission Statement: The mission of the Flight Technology Commercial Pilot Helicopter program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 17
Program Length: One Semester - Full-time
Entrances Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, Private Pilot Certificate – Rotorcraft Helicopter
Education: High school diploma or certified GED scores
Provisional Admission is allowed.
Minimum entrance scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
There is no provisional admission for Flight Technology.
Other: Uniform required

			Credit Hours
FTPT	1020	Flight Navigation	3
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTHT	2080	Commercial/Instrument Pilot Helo Flight Ops I	1
FTHT	2070	Fundamentals of Commercial Flight Helo Ops	3
FTHT	2090	Commercial/Instrument Pilot Flight Helo Ops II	2
FTHT	2100	Commercial/Instrument Pilot Flight Helo Ops III	1
		TOTAL	**16**

(FLIGHT TECHNOLOGY)

Certificate Program in Flight Instructor (Airplane)

***Program Description*:** To provide educational opportunities for persons needing employment skills to enable them to attain educational and practical work experience so they may become employed in the field of aviation as a professional pilot. Completion of the Flight Instructor Certificate is a highly recommended step in helping a pilot build necessary credentials and experience for this career path.

Mission Statement: The mission of the Flight Technology Flight Instructor program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 19
Program Length: One Semester - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, Commercial Pilot Certificate with Instrument Rating
Education: High school diploma or certified GED scores.
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
There is no provisional admission for Flight Technology.
Other: Uniform required

			Credit Hours
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1110	Flight Instruction Methods I	3
FTPT	2110	Flight Instruction Methods II	3
FTPT	2200	Flight Instruction Certification	2
		TOTAL	**14**

(FLIGHT TECHNOLOGY)

Certificate Program in Flight Instructor (Rotorcraft Helicopter)

Program Description: To provide educational opportunities for persons needing employment skills to enable them to attain educational and practical work experience so they may become employed in the field of aviation as a professional pilot. Completion of the Flight Instructor Certificate is a highly recommended step in helping a pilot build necessary credentials and experience for this career path.

Mission Statement: The mission of the Flight Technology Helicopter Flight Instructor program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 19
Program Length: One Semester - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, Commercial Pilot Certificate – Rotorcraft Helicopter
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
There is no provisional admission for Flight Technology.
Other: Uniform required

			Credit Hours
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1110	Flight Instruction Methods I	3
FTPT	2110	Flight Instruction Methods II	3
FTHT	2200	Flight Instruction Certification	2
		TOTAL	**14**

(FLIGHT TECHNOLOGY)

Certificate Program in Flight Technology (Airplane)

***Program Description*:** The Flight Technology certificate program is intended to provide students with an introduction to the occupational area of commercial flight as currently understood and practiced by Federal Aviation Administration Commercial Pilot certificate holders. Program graduates are to be competent in the general areas of communications, mathematics, and interpersonal relations. In addition, graduates are to be competent in the specific areas of flight navigation, aviation meteorology, aerodynamics, aviation regulations, instrument navigation, commercial pilot flight operations, flight instructional methods, and aviation instruction design. Program graduates who obtain the FAA Commercial Pilot certificate with an Instrument-Airplane and Multi-Engine rating, and the Airplane Flight Instructor certificate with Single-Engine privileges will also be awarded a Flight Technology certificate.

Mission Statement: The mission of the Flight Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 17
Program Length: Three Semesters - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, proof of citizenship, student pilot certificate (if appropriate)
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required

			Credit Hours
FTPT	1160	Fundamentals of Private Pilot Flight Operations	3
FTPT	1170	Private Pilot Flight Operations	1
FTPT	1020	Flight Navigation	3
FTPT	1060	Aerodynamics	2
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1310	Fundamentals of Instrument Pilot Flight Ops	3
FTPT	1420	Commercial Pilot Flight Operations I	1
FTPT	1410	Fundamentals of Commercial Flight Operations	3
FTPT	1320	Instrument Pilot Flight Operations	1
FTPT	1110	Flight Instruction Methods I	3
FTPT	1430	Commercial Pilot Flight Operations II	2
FTPT	2230	Fundamentals of Multi-Engine Pilot Flight Ops	1
FTPT	2110	Flight Instruction Methods II	3
FTPT	2240	Commercial Pilot Multi-Engine Flight Operations	1
FTPT	2200	Flight Instruction Certification	2
		TOTAL	**35**

(FLIGHT TECHNOLOGY)

Certificate Program in Flight Technology (Rotorcraft Helicopter)

***Program Description*:** The Flight Technology Rotorcraft Helicopter certificate program is intended to provide students with an introduction to the occupational area of commercial flight as currently understood and practiced by Federal Aviation Administration Commercial Pilot certificate holders. Program graduates are to be competent in the general areas of communications, mathematics, and interpersonal relations. In addition, graduates are to be competent in the specific areas of flight navigation, aviation meteorology, aerodynamics, aviation regulations, commercial pilot flight operations, flight instructional methods, and aviation instruction design. Program graduates who obtain the FAA Commercial Pilot certificate and the Rotorcraft Helicopter Flight Instructor certificate will also be awarded a Flight Technology certificate.

Mission Statement: The mission of the Flight Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 17
Program Length: Three Semesters – Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, proof of citizenship, student pilot certificate (if appropriate)
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
Other: Uniform required

			Credit Hours
FTHT	1080	Fundamentals of Helicopter Flight Operations	3
FTHT	1100	Introduction to Helicopter Flight Operations	1
FTPT	1020	Flight Navigation	3
FTPT	1060	Aerodynamics	2
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1310	Fundamentals of Instrument Pilot Flight Ops	3
FTHT	2080	Commercial/Instrument Pilot Helo Flight Ops I	1
FTHT	2070	Fundamentals of Commercial Flight Helo Ops	3
FTHT	2090	Commercial/Instrument Pilot Flight Helo Ops II	2
FTPT	1110	Flight Instruction Methods I	3
FTHT	2100	Commercial/Instrument Pilot Flight Helo Ops III	1
FTPT	2110	Flight Instruction Methods II	3
FTHT	2200	Flight Instruction Certification	2
		TOTAL	**33**

(FLIGHT TECHNOLOGY)

Certificate Program in Instrument Pilot Rating (Airplane)

***Program Description*:** To provide educational opportunities for persons needing employment skills to enable them to attain educational and practical work experience so they may become employed in the field of aviation as a professional pilot. Completion of the Instrument Pilot Rating is an essential step in helping a pilot build necessary credentials and experience for this career path.

Mission Statement: The mission of the Flight Technology Instrument rating program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 17
Program Length: One Semester - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician and a Private Pilot Certificate
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
There is no provisional admission for Flight Technology.
Other: Uniform required

			Credit Hours
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	1310	Fundamentals of Instrument Pilot Flight Ops	3
FTPT	1320	Instrument Pilot Flight Operations	1
		TOTAL	**10**

(FLIGHT TECHNOLOGY)

Certificate Program in Multi-engine Pilot (Airplane)

***Program Description*:** To provide educational opportunities for persons needing employment skills to enable them to attain educational and practical work experience so they may become employed in the field of aviation as a professional pilot. Completion of the Multi-Engine Pilot Rating is an essential step in helping a pilot build necessary credentials and experience for this career path.

Mission Statement: The mission of the Flight Technology Multi-Engine Pilot program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of commercial flight.

Minimum Entrance Age: 17
Program Length: One Semester - Full-time
Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
Entrance Requirements: A current Second class medical certificate provided by FAA-approved physician, Private Pilot Certificate, Commercial Pilot Certificate with Instrument rating
Education: High school diploma or certified GED scores
Minimum Entrance Scores: For ACT, ASSET, COMPASS, CPE, and SAT scores contact Student Services
There is no provisional admission for Flight Technology.
Other: Uniform required

			Credit Hours
FTPT	1060	Aerodynamics	2
FTPT	1040	Aviation Meteorology	3
FTPT	1000	Aviation Regulations	3
FTPT	2230	Fundamentals of Multi-Engine Operations	1
FTPT	2240	Multi-Engine Flight Operations	1
		TOTAL	**10**

Certificate Program in Geomatics

			Credit Hours
ENGR	2510	Computer Applications in Surveying	3
ENGR	2515	Photogrammetry	3
ENGR	2516	Geographic Information Systems	3
ENGR	2517	Introduction to Global Positioning System	3
ENGR	2520	Error Analysis in Surveying	3
ENGR	2521	Surveying Drafting Applications	3
		TOTAL	**18**

Certificate Program in Graphic Arts

			Credit Hours
ARTS	1020	Two-Dimensional Design	3
ARTS	2016	Computer Graphics I	3
ARTS	2017	Graphic Design I	3
ARTS	2025	Graphic Design II	3
ARTS	2026	Computer Graphics II	3
ARTS	2027	Design for Web	3
		TOTAL	**18**

Certificate Program in Hydraulics and Hydrology

			Credit Hours
ENGR	1504	Fluid Mechanics for Surveyors	3
ENGR	2504	Hydrology for Surveyors	3
ENGR	2505	Computer Applications for Hydraulics and Hydrology	3
ENGR	2506	Drainage and Erosion Control	3
ENGR	2507	Sanitary Sewer Design	3
ENGR	2508	Water Distribution Systems	3
		TOTAL	**18**

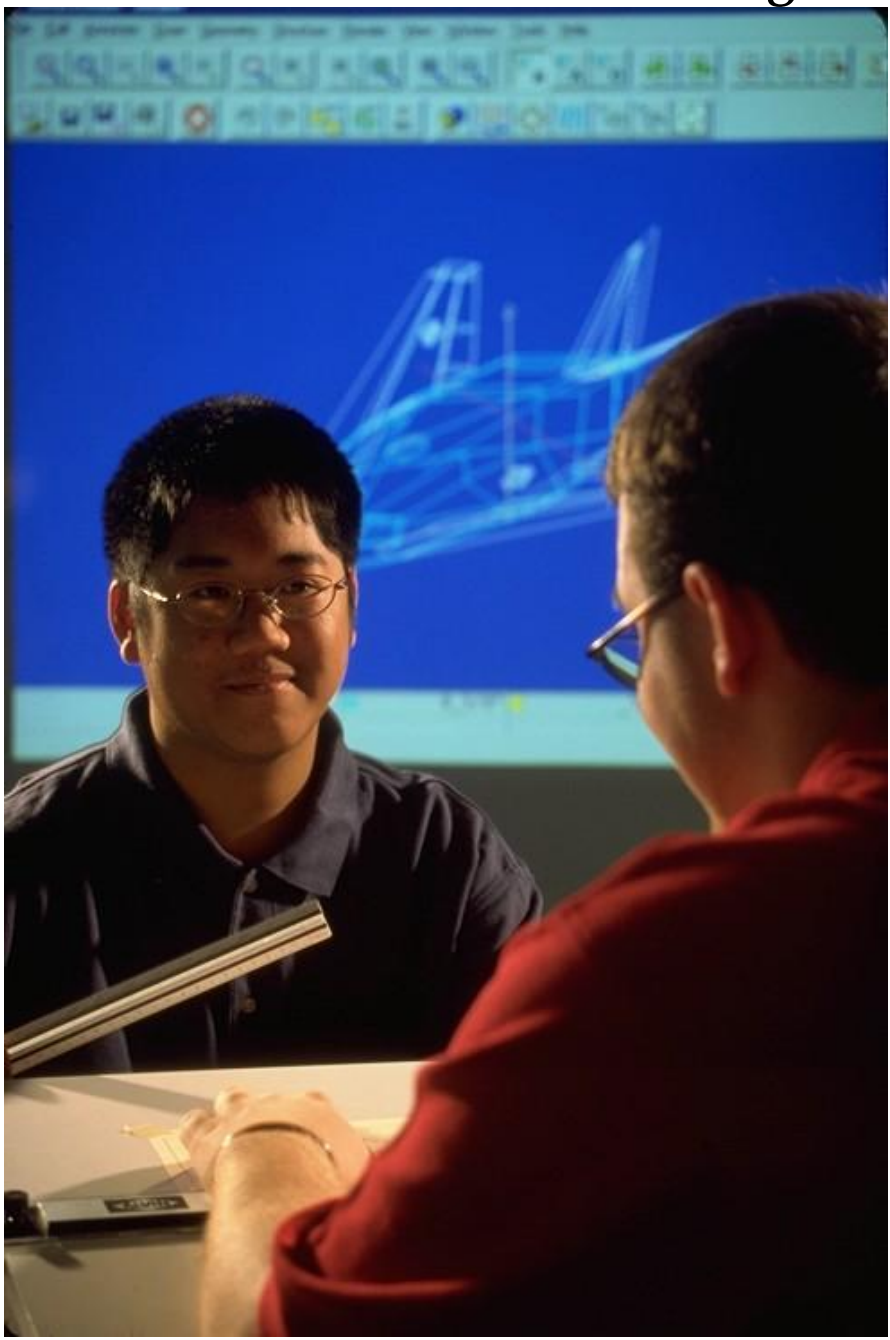
Certificate Program in Public Works

				Credit Hours
ENGR	1500	Elementary Surveying Calculations		3
ENGR	1510	Introduction to Construction		3
ENGR	1511	Construction Materials		3
ENGR	1514	Construction Surveying		3
ENGR	2501	Plane Surveying		3
Choose one from the following:				3
	ENGR 2502	Advanced Surveying	3	
	ENGR 2511	Route Surveying	3	
			Total	**18**

Certificate Program in Surveying

				Credit Hours
ENGR	2501	Plane Surveying		3
ENGR	2502	Advanced Surveying		3
ENGR	2503	Surveying Laws		3
ENGR	2504	Hydrology for Surveyors		3
Choose two from the following				6
	ENGR 1500	Elementary Surveying Calculations	3	
	ENGR 1504	Fluid Mechanics for Surveyors	3	
	ENGR 1514	Construction Surveying	3	
	ENGR 1521	AutoCAD for Surveyors	3	
			TOTAL	**18**

Regents Engineering Transfer Program



Qualified students seeking a bachelor of engineering degree may begin their college studies at Middle Georgia College through the Regents Engineering Transfer Program (RETP**)**. Upon successful completion of the pre-engineering curriculum, students may transfer to the Georgia Institute of Technology to complete the degree requirements. It is expected that students in this program, like other Georgia Tech graduates, will normally require four to five and one-half years to complete the degree requirements, depending on their pre-college preparation, involvement in extracurricular activities, and engineering major.

There are three different methods for admission to the Regents Engineering Transfer Program at Middle Georgia College:

1. Entering freshman students must have achieved at least:
   a. A combined SAT score of 1090;
   b. Minimum of 440 on the verbal portion of the SAT;
   c. Minimum of 560 on the math portion of the SAT; and
   d. 3.0 high school grade-point average in academic courses.

2. Entering freshman students who do not meet the requirements above may still be admitted to this program, if they have been accepted for admission to an Engineering Program at Georgia Tech (based on high school academic performance). Such students must provide proof of acceptance to Georgia Tech.

3. Students who do not initially meet the requirements of either of the above methods may join the Regents Engineering Transfer Program at the end of their freshman year, if they meet the following requirements:
   a. Completion of Calculus I and Calculus II, with grades of at least "B";
   b. Completion of Principles of Chemistry I and Calculus-Based Physics I, with grades of at least "B"; and
   c. A Middle Georgia College grade-point average of at least 3.0.

This institution's faculty members have worked closely with Georgia Tech's faculty to assure a curriculum which is well-coordinated with that of Georgia Tech. Specific times each year have been established for students to visit the Georgia Tech campus and meet with representatives of their anticipated major.

Regents Engineering Transfer Program students who satisfactorily complete the pre-engineering curriculum and apply for transfer will be accepted to Georgia Tech. However, admission to the most popular majors,

as for other Georgia Tech students, will be based upon overall grade-point average, performance in the required prerequisite courses, and availability of student spaces.

Middle Georgia College offers the Regents Engineering Transfer Program in the following programs of study:

Aerospace Engineering	Industrial Engineering
Chemical Engineering	Materials Engineering
Civil Engineering	Mechanical Engineering
Computer Engineering	Nuclear Engineering
Electrical Engineering	Textile Engineering

The student who completes the designated RETP program of study, as well as the core curriculum requirements of the program of study in Engineering Technology, will receive an Associate of Science degree.

The ten programs of study for the Regents Engineering Transfer Program are listed on the following pages. Information on the equivalence of Middle Georgia College courses with Georgia Tech courses can be obtained from MGC's Engineering Department.

Because these programs include a concentration of technical courses, as well as calculus and physics courses, the student may decide to devote one or two additional semesters to study at Middle Georgia College before transferring to Georgia Tech.

In addition to the courses listed, MGC also offers other technical and liberal arts courses which will transfer to senior colleges. For more information on these and other engineering and technology programs, students may contact the Engineering Department at Middle Georgia College.

Enrollment in the Regents Engineering Transfer Program is limited to those students who meet the qualifications listed above.

However, students who do not meet the specific qualifications for this program may still enroll in the pre-engineering program and take the courses that will prepare them to enter the junior year at Georgia Tech or some other senior college which offers baccalaureate programs in engineering. These students should follow the programs which are outlined in the "Programs of Study" section of this catalog.

REGENTS ENGINEERING TRANSFER PROGRAM
in
AEROSPACE ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**62**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
CHEMICAL ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Chemistry	1212	Principles of Chemistry II	4
Chemistry	2912	Organic Chemistry I	4
Chemistry	2922	Organic Chemistry II	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**67**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
CIVIL ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2500	Surveying and Geomatics	4
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Computer Science	1301	Principles of Computer Programming I	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**69**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
COMPUTER ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	1100	Introduction to Computer Engineering	3
Engineering	2005	Engineering Statics	4
Engineering	2125	Introduction to Signal Processing	4
Engineering	2140	Circuit Analysis	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Computer Science	1301	Principles of Computer Programming I	3
Computer Science	1302	Principles of Computer Programming II	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**71**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
ELECTRICAL ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	1100	Introduction to Computer Engineering	3
Engineering	2005	Engineering Statics	4
Engineering	2125	Introduction to Signal Processing	4
Engineering	2140	Circuit Analysis	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Computer Science	1301	Principles of Computer Programming I	3
Computer Science	1302	Principles of Computer Programming II	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**71**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
INDUSTRIAL ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Computer Science	1301	Principles of Computer Programming I	3
Computer Science	1302	Principles of Computer Programming II	3
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**64**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
MATERIALS ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**58**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
MECHANICAL ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**65**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

REGENTS ENGINEERING TRANSFER PROGRAM
in
NUCLEAR AND RADIOLOGICAL ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**65**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

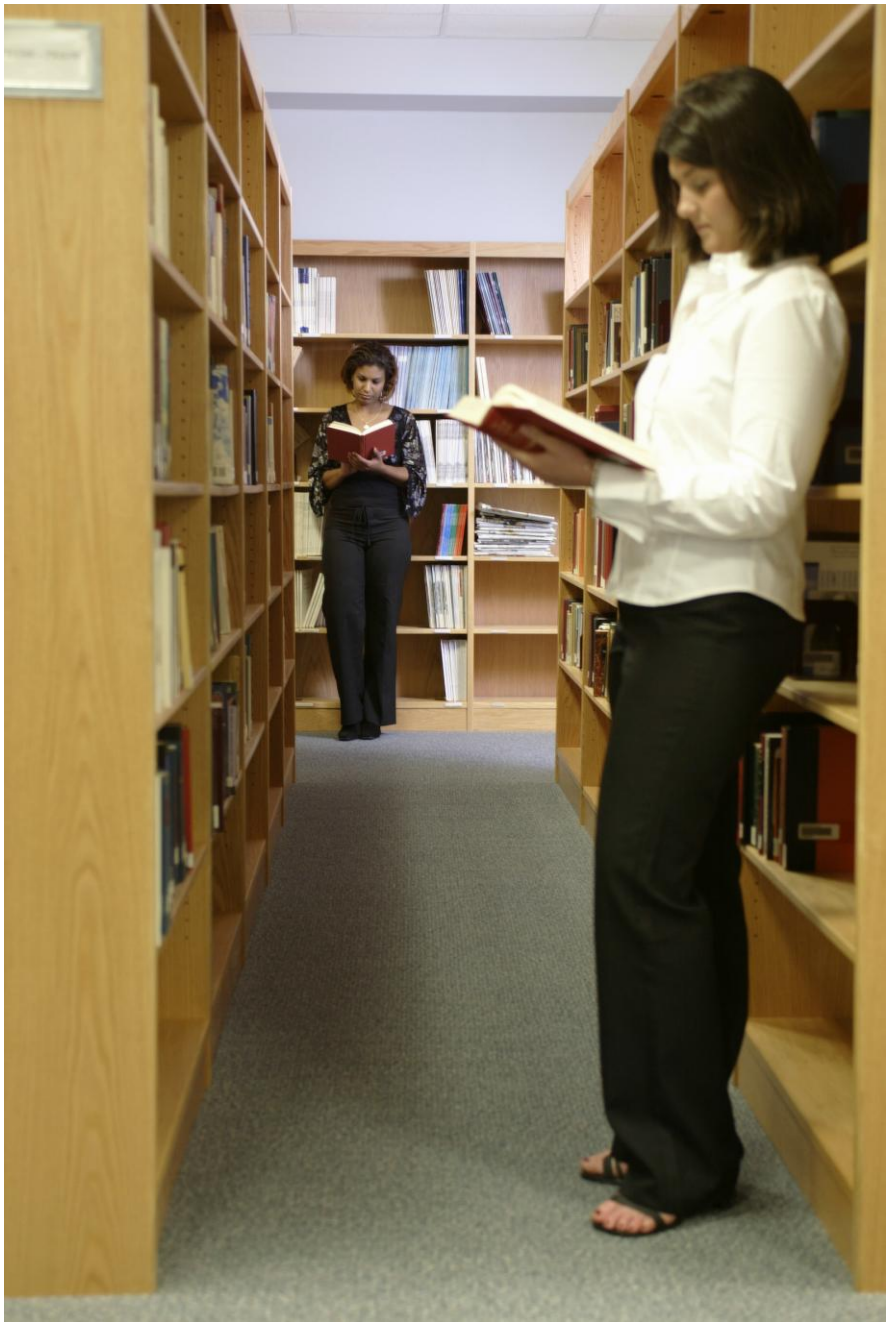
REGENTS ENGINEERING TRANSFER PROGRAM
in
TEXTILE ENGINEERING

Course	Number	Title	Credit Hours
Engineering	1001	Introduction to Engineering	3
Engineering	1002	Engineering Design Graphics	3
Engineering	1020	Computing for Engineers	3
Engineering	2005	Engineering Statics	4
Engineering	2006	Engineering Dynamics	4
Engineering	2300	Principles of Engineering Economy	3
Mathematics	1127	Calculus I	4
Mathematics	1128	Calculus II	4
Mathematics	2207	Calculus III	3
Mathematics	2208	Linear Algebra	3
Mathematics	2209	Differential Equations	4
Chemistry	1211	Principles of Chemistry I	4
Chemistry	1212	Principles of Chemistry II	4
Chemistry	2912	Organic Chemistry I	4
Physics	2211	Calculus-Based Physics I	4
Physics	2212	Calculus-Based Physics II	4
English	1101	Composition I	3
English	1102	Composition II	3
History	2111 or 2112	United States History	3
Political Science	1101	American Government	3
Health	1101	Health	2
PHED (3 one-hour courses)		Physical Education Activities	1
		Total	**73**

Additional transfer courses in technical subjects are available. One may contact the Engineering Department for information.

The student who wishes to also receive an Associate of Science degree should complete the additional requirements for the Program of Study in Physics.

Descriptions of Courses



Description of Courses

Explanation of Items in Course Descriptions:

Course Prefix	POLS
Course Number	1101
Course Title	American Government
Class Hours Each Week	(**3**-0-3)
Lab Hours Each Week	(3-**0**-3)
Semester Hour Credit	(3-0-**3**)
Course Description	
When Course Generally Offered	F=Fall Sp=Spring Su=Summer I=Infrequently

ACCOUNTING (ACCT)

ACCT 2101 Principles of Accounting I 3 – 0 - 3
Prerequisites: READ 0099 and MATH 0097. Study of the underlying theory and application of financial accounting concepts. Offered: F, Sp

ACCT 2102 Principles of Accounting II 3 - 0 - 3
Prerequisites: ACCT 2101 with a grade of C or better. Study of the underlying theory and application of managerial accounting concepts. Offered: F, Sp

AIR TRAFFIC MANAGEMENT

ATMP 2150 Introduction to Air Traffic Management 3 – 0 - 3
ATMP 2150 is the entry-level course in the Air Traffic Management (ATM) degree sequence. This course provides students with a fundamental knowledge of the U.S. air traffic control system and develops content knowledge in the following areas: (a) the Federal Aviation Administration, its mission, organization, and operation; (b) the air traffic control career; (c) navigational aids, current and future; (d) airspace; (e) communications; (f) federal aviation regulations; (g) ATC procedures; (h) control tower operations; (i) non-radar operations; (j) radar operations; and (k) future air traffic control systems. The course also provides essential information that is useful for pilots and other aviation professionals.

ATMP 2170 Enroute and Terminal Radar Operations 3 – 1 - 3
This course covers the basic Air Traffic Control (ATC) procedures for Instrument Flight Rules (IFR) in the Enroute and Terminal ATC facilities in the National Airspace System (NAS). Knowledge and skill requirements for air traffic control specialists (ATCS) in the current ATC system are studied in the classroom and practiced in a realistic, performance-based laboratory environment. Duties and responsibilities of the air traffic control, Tracon, Enroute Center, and Flight Service Station are integrated into an understanding of how the total ATC system works. Classroom delivery is augmented by practical laboratory problems using an air traffic control simulation of terminal radar operations.

ATMP 2190 Air Traffic Control Tower Operations 2 – 2.5 - 3
This course integrates the knowledge of traffic control gained in previous air traffic control courses with an opportunity to actually "work" in air traffic control operating positions. Using a realistic air traffic control simulation (TRACON/ProTM) students issue instructions to aircraft, make hand-offs, coordinate with other controllers, solve aircraft confliction problems, and do the other controller tasks. The ability to make "real-time" decisions, determine strategies for controlling aircraft, and working with a dynamic scenario are features unique to this learning experience.

ATMP 2191 Certificated Tower Operations I 0.5 – 3 - 3
This is the first of two courses designed to lead to the FAA Certificated Tower Operator (CTO) rating. It consists mainly of one-on-one training in an operational air traffic control tower.

ATMP 2192 Certificated Tower Operations II 0.5 – 3 - 3
This is the second of two courses designed to lead to the FAA Certificated Tower Operator (CTO) rating. It consists mainly of one-on-one training in an operational air traffic control tower.

ATMP 2210 Advanced Air Traffic Management 2 – 2.5 - 3
A capstone course in the ATC Minor that expands on the skills, knowledge, and abilities the student has acquired in previous ATC classes. This course presents more demanding and complex traffic scenarios requires higher level performance and decision-making skills and prepares the student for initial training in any ATC specialization. Students will also gain an appreciation for the challenges of implementing large-scale changes in the National Airspace System.

AIRCRAFT STRUCTURAL TECHNOLOGY

ASTP 1010 Basic Blueprint Reading 3 – 0 - 3
Introduces basic blueprint reading. Emphasis will be placed on reading and interpreting blueprints found in a manufacturing environment. Topics include: lines and symbols, views, material, title blocks, sketching, features, and sections.

ASTP 1020 Aircraft Blueprint Reading 3 – 0 - 3
Prerequisites: ASTP 1010. Introduces aerospace specific blueprint information which builds on a basic knowledge of blueprint terminology and symbols. Topics include: call outs, assembly, form and position, zone reference, document control numbers, release column, general notes, and detail drawings.

ASTP 1030 Structural Fundamentals 3 – 7 - 5
Corequisite: ASTP 1010. Introduces the fundamental concepts required in aerospace structural manufacturing and repair. Emphasis is placed on safety, quality, and precision. Topics include: safety, flat pattern layout, quality standards, fasteners, hand tools, and precision measuring instruments.

ASTP 1040 Structural Layout and Fabrication 2 – 7 - 5
Prerequisites: ASTP 1010, ASTP 1030. Corequisite: ASTP 1020. Continues the development of knowledge and skills required to perform basic aerospace layout and fabrication. Emphasizes the safe use of stationary equipment. Topics include: machine safety, stationary equipment, bend allowance, fasteners layout, parts fabrication, special fasteners, and geometric functions.

ASTP 1050 Aerospace Quality Control 3 – 0 - 3
Introduces the student to the concept of Total Quality Management (TQM) systems used in the Aircraft workplace. Topics include: principles of quality control, TQM team building, project requirements, project implementation, concepts of statistical process control, and SPC applications.

ASTP 1070 Aircraft Structural Aerodynamics 2 – 0 - 2
Presents the theory of flight and aircraft design as it applies to the manufacturing and repair process. Topics include: terminology, theory of flight, structural design, control surfaces, stress and fatigue.

ASTP 1080 Advanced Aircraft Blueprints 3 – 0 - 3
Prerequisites: ASTP 1020. Continues the study of aerospace blueprint applications in the manufacturing and repair process. Research skills necessary to locate information in technical publications will be emphasized. Topics include: installation drawings, methods drawings, undimensioned drawings, revisions, and technical publications.

ASTP 1090 Composites and Bonded Structures 2.5 – 3 - 4
Prerequisite: ASTP 1040. Emphasizes the development of knowledge and skills necessary to fabricate and repair bonded and composite aircraft components. Topics include: safety, terminology, classifications and characteristics, inspection techniques, and application.

ASTP 1100 Sealants 0.5 – 2.5 - 2
Provides instruction in the surface preparation, application, and safe handling of sealants used in the aerospace structures repair and the manufacturing industry. Topics include: safety, surface preparation, sealant application, sealant shelf life, sealant cure times, and sealant removal.

ASTP 1110 Corrosion Control 2.5 – 3 - 4
Prerequisite: ASTP 1040. Emphasizes the development of knowledge and skills necessary to assess damage due to corrosion and take corrective action. Topics include: safety; corrosion theory; corrosion types; corrosion removal, repair, treatment; and corrosion prevention.

ASTP 1120 Aircraft Metallurgy 3 – 5 - 5
Prerequisite: ASTP 1040. Introduces the types of metals used in aircraft construction and provides a study of their properties and working characteristics. Topics include: safety, types of metals, properties of metals, methods of identification, heat treatment, temper designations, working characteristics, and non-destructive inspection.

ASTP 1129 Introduction to Computer Aided Design (CAD) 1 – 5 - 4
Introduces basic concepts, terminology, and techniques necessary for CAD applications. Topics include: terminology, CAD commands, basic entities, and basic CAD applications.

ASTP 1130 Aerospace CAD 1 – 5 - 4
Prerequisite: ASTP 1020. Continues developing CAD utilization skills in discipline-specific applications. Topics include: intermediate CAD commands, entity management, advanced line construction, block construction and management, command reference customization, advanced entity manipulation, and system variables.

ASTP 1180 Aircraft Technical Publications 3 – 0 - 3
Prerequisite: ASTP 1020. Continues the study of aircraft technical publications found in the manufacturing and repair process. Research skills necessary to locate information in technical publications will be emphasized. Topics include: document control numbers; technical publications; instructional repair manuals; aircraft transport association (ATA) codes; technical orders; tech order system, general; tech order, aircraft specific; and industrial specific manuals.

ASTP 2090 Advanced Composites and Repair 2.5 – 7 - 5
Prerequisite: ASTP 1090. The program is designed to elevate standards in the industry by enhancing individual performance. Students will fabricate an Advanced Composite panel and perform a number of repairs that typically occur on advanced composite construction. The course will consist of classroom discussion on safety, terminology, construction, hazmat, quality, applying pressure, curing systems, and repairs. After classroom discussion the students will apply what they have learned in the laboratory.

ASTP 2100 Aviation Metal Fabrication 3.5 – 2.5 - 4
Introduces fundamental principles of fabrication, safety practices, shop equipment, and techniques necessary for aviation metal fabrication. Topics include: metal forming, chrome-moly tubing, tube bending, weld tubing, fixtures, and jigs for tubing.

ASTP 2110 Aviation Welding 3.5 – 2.5 - 5
Introduces fundamental principles, safety practices, equipment, and techniques necessary for aviation welding. Topics include: fundamentals of welding, welding safety, plasma cutting, oxyfuel welding, TIG welding, MIG welding, welding techniques, welding faults, and welding print reading.

ASTP 2120 Computer Numerical Control Fundamentals 3.5 – 2 - 5
Provides a comprehensive introduction to computer numerical controlled (CNC) machining processes. Topics include: math review, safety, jugs and fixtures, tooling and tool holders, reference points, tool offset, and program loading and editing.

AIRPORT OPERATIONS TECHNOLOGY

AOTP 1070 Introduction to Aviation 3 – 0 - 3

This course is designed to give an introduction to the business of aviation. It provides the student with the history and terminology that will assist the students that are entering into the world of aviation. This course provides and historical background and studies the roles of various governmental agencies in the management and regulation of airports.

AOTP 1120 Aviation Line Maintenance 2.5 – 2 - 3

This course is a study of the fundamentals of aircraft servicing methods and ground operations.

AOTP 2010 Airport Operations Management I 3 – 0 - 3

This couse is a study of the development of airports and the functions and responsibilities of airport management. This course provides a historical background and studies the roles of various governmental agencies in the management and regulation of airports.

AOTP 2020 Airport Operations Management II 3 – 0 - 3

This course continues the study of the development of airports and the functions and responsibilities of airport management. This course provides a historical background and studies the roles of various governmental agencies I the management and regulation of airports.

AOTP 2050 Aviation Service Center Operations I 3 – 0 - 3

This course is an overview of general aviation operations, including the operation and management of the Fixed Base Operations (FBO). This course also covers current events and trends affecting the general aviation industry as a whole.

AOTP 2060 Aviation Service Center Operations II 3 – 0 - 3

This course is an overview of general aviation operations, including the operation and management of the Fixed Base Operations (FBO). This course also covers current events and trends affecting the general aviation industry as a whole.

AOTP 2090 Aviation Safety 3 – 0 -3

This course examines the major problem areas in aviation safety, safety program evaluation, and impacts of accidents on industry are covered. Focus is on human factors, basic accident prevention programs, and the roles of various government and industry organizations have in preventing accidents.

AOTP 2110 Practical Aviation Law 3 – 0 - 3

This course will familiarize students with the laws and regulations that govern the aviation industry. The goal of this course is to provide the students with an overview of some of the regulations that can affect an aviation career if broken. This course will also provide a general explanation of aviation law, its boundaries and how to use it to the students' advantage.

AOTP 2130 Aviation and Airport Security 3 – 0 - 3
This course takes the student, amateur or concerned professional, through the history of air terrorism and the ways in which counter measure are developing. It reveals the dynamism with which international and national agencies are responding to the challenges of terrorism.

ART (ARTS)

ARTS 1010 Drawing I 0 - 6 - 3
Introduction to the techniques, materials, and principles of drawing. Offered: F

ARTS 1011 Drawing II 0 - 6 - 3
Prerequisites: ARTS 1010 or consent of the instructor. Advanced study of techniques, materials, and principles of drawing. Offered: Sp

ARTS 1020 Two-Dimensional Design 0 - 6 - 3
Fundamentals of two-dimensional design introduced through projects in a variety of media. Offered: F

ARTS 1030 Three-dimensional Design 0 - 6 - 3
Fundamentals of three-dimensional forms and space using various materials and methods. Offered: Sp

ARTS 1100 Art Appreciation 3 - 0 - 3
Study of visual arts through comparison of paintings, sculpture, and architecture to provide students with skills in perception, comprehension, vocabulary, and concepts for comprehending art. Offered: F, Sp

ARTS 2010 Art History I 3 - 0 - 3
Survey of world art prior from its beginning to the Renaissance. Offered: F

ARTS 2011 Art History II 3 - 0 - 3
Survey of world art from the Renaissance to the present. Offered: Sp

ARTS 2012 Painting 0 - 6 - 3
Prerequisites: ARTS 1020 or consent of instructor. Study of painting and visual organization identifying effects of unity, rhythm, balance, and harmony. Offered: I

ARTS 2013 Sculpture 0 - 6 - 3
Prerequisites: ARTS 1030 or consent of instructor. Introduction to the basic processes of sculpture, including carving, modeling, and casting. Offered: I

ARTS 2014 Pottery 0 - 6 - 3
Prerequisites: ARTS 1030 or consent of instructor. Introduction to the materials and processes in designing, constructing, glazing, and firing. Offered: I

ARTS 2015 Photography 0 - 6 - 3
Prerequisites: ARTS 1020 or consent of instructor. Hands-on introduction to photography as well as understanding photography as an art medium to include gaining expertise with the camera and darkroom equipment. Offered: I

ARTS 2016 Computer Graphics I 0 - 6 - 3
Prerequisites: ARTS 1020 or consent of instructor. Development of basic skills in computer application for the visual arts including: desktop publishing, graphic manipulation, computer art, web access, and web design. Offered: I

ARTS 2017 Graphic Design I 0 - 6 - 3
Prerequisites: ARTS 1020 or consent of instructor. Fundamentals of visual graphic communication and modern advertising techniques. Emphasis on design, layout, typography, and reproduction. Offered: I

ARTS 2018 Watercolor 0 - 6 - 3
Prerequisites: ARTS 1020 or consent of instructor. Application of basic and experimental techniques with opaque and transparent watercolor media. Offered: I

ARTS 2025 Graphic Design II 0 - 6 - 3
Prerequisites: ENGL 0099, READ 0099, MATH 0099, ARTS 2017 or consent of instructor. This course continues the development of visual communication skills begun in ARTS 2017. Emphasis is on creative problem solving and the creation, execution and presentation of Graphic Design primarily for print media. Offered: I

ARTS 2026 Computer Graphics II 0 - 6 - 3
Prerequisites: ENGL 0099, READ 0099, MATH 0099, ARTS 2016 or consent of instructor. This course seeks to refine the student's understanding of the computer and digital imaging software as art-making tools. Through a series of lectures, demonstrations, visual/conceptual problem-solving projects, and critiques, students expand their technical and aesthetic skills in the creation and manipulation of digital images, design and text. Offered: I

ARTS 2027 Design for the Web 0 - 6 - 3
Prerequisites: ENGL 0099, READ 0099, MATH 0099, ARTS 2016 and 2017 or consent of instructor. This course seeks to refine each student's knowledge, skills and aesthetics in the use of digital media. Through a series of lectures, demonstrations, visual/conceptual problem solving projects, and critiques, students will learn the principles and techniques involved in planning, designing, and creating Web sites using visual HTML editing software. Offered: I

ASTRONOMY (ASTR)

ASTR 1012 Astronomy of the Solar System 3 - 3 - 4
Prerequisites: ENGL 0099, READ 0099, and a grade of C or better in MATH 1111. Astronomical concepts, methods of observation, and a study of the solar system. Astronomy from the early ideas of the cosmos to modern observational techniques.

The solar system planets, satellites, and minor bodies, Asteroids/Comets, are studied. The origin and evolution of the solar system are studied.

ASTR 1013 Stellar and Galactic Astronomy 3 - 3 - 4
Prerequisites: ASTR 1012 the permission of the instructor. Fundamental principles of stellar and galactic astronomy, stellar evolution, and cosmology. The study of the Sun and Stars, their physical/chemical properties and evolution, interstellar matter, star clusters, our galaxy and other galaxies, and the origin of the universe.

AVIATION MAINTENANCE TECHNOLOGY

AMTP 1000 Aviation Mathematics 2 – 0 - 2
Aviation Mathematics provides students with the knowledge necessary to use and apply mathematical procedures and processes that are applicable to aviation maintenance functions. Topics include: perform algebraic operations; extract roots and raise numbers to a given power; determine area and volume of geometrical shapes; and solve ratio, proportion, and percentage problems.

AMTP 1010 Aircraft Maintenance Regulations 1 – 2 - 2
This course provides students with the knowledge and skills necessary to select and use FAA and manufacturers' specifications, data sheets, manuals, related regulations, and technical data; to write descriptions of aircraft conditions, record work performed, and complete maintenance forms and inspection reports; and learn at interpret federal regulations regarding mechanic privileges and limitations. Topics include: maintenance publications, maintenance forms and records, and mechanic privileges and limitations.

AMTP 1020 Aircraft Applied Sciences 6 – 6 - 9
Prerequisite/Corequisite: AMTP 1000. Provides students with the fundamentals of aircraft servicing methods and ground operations. Topics include: aircraft drawings, aircraft weight and balance, fluid lines and fittings, materials and processes, ground operations and servicing, and aircraft cleaning and corrosion control.

AMTP 1030 Aircraft Electricity & Electronics 3 - 3 - 5
Prerequisite/Corequisite: AMTP 1000. Basic electricity and electronics provides a study of the relationships of voltage, current, and resistance in aircraft electrical systems, and the use of meters. Alternators; generators; starters; motors; charging systems; basic AC and DC systems; and semiconductor, solid state, and integrated circuit fundamentals are introduced. Topics include: basic electricity; determine the relationship of voltage, current and resistance in electrical circuits; read and interpret electrical circuit diagrams; measure voltage, current, resistance, and continuity; calculate and measure electrical power; calculate and measure capacitance and inductance; inspect and service batteries; and solid state devices applications.

AMTP 1210 Aviation Physics 2 – 0 – 2
Provides students with an introduction to the theory and application of physics to aerospace vehicles and their subsystems. Topics include: temperature and heat;

pressure, temperature, and volume of air mass; basic aerodynamics and theory of flight; physical factors affecting engine output; relationship of pressure, area, and force; origin of sound; principles of simple machines; and centrifugal and centripetal force.

AMTP 2010 Aircraft Airframe Structures 1 – 2 - 2
This course presents a survey of aircraft airframe structures used in aircraft. Topics include: wood structures, aircraft covering, and aircraft finishes.

AMTP 2020 Airframe Sheet Metal and Non-Metallic Structures 3 – 4 - 5
Provides a study of metal and non-metallic tube and riveted sheet monocoque or semi-monocoque. Topics include: sheet metal structures introduction; install conventional rivets; install special rivets and fasteners; sheet metal form, lay out, and bend; inspect and repair sheet metal structures; identify non-metallic structures; inspect bonded structures; fiberglass structures; plastic structures; composite and honeycomb structures; inspect, check, service, and repair windows, doors, and interior furnishings; and laminated structures.

AMTP 2030 Airframe Welding 0.5 – 2 - 1
Provides a study of airframe non-metallic structures and allied maintenance procedures. Topics include: welding principles; soldering, brazing, gas-welding, and arc-welding steel; welding aluminum and stainless steel; fabricating tubular structures; soldering stainless steel; and welding titanium and magnesium.

AMTP 2040 Airframe Assembly and Rigging 1 – 2 - 2
This course provides a study of aircraft assembly and rigging configurations. Topics include: use assembly and rigging hand tools and equipment; rig fixed wing aircraft; rig rotary wing aircraft; check alignment of structures; assemble aircraft components, including flight control surfaces; balance, rig, and inspect movable primary and secondary control surfaces; and jack aircraft

AMTP 2050 Airframe Inspection 2 – 4 – 3
Prerequisite: AMTP 2040. This course provides for performing airframe inspections with emphasis on developing the skills related to conformity and airworthiness evaluations. Topics include: perform airframe conformity inspection, and perform airframe airworthiness inspection.

AMTP 2060 Aircraft Hydraulic and Pneumatic Systems 1 – 2 - 2
Prerequisite: AMTP 1030. This course provides a study of the principles of generation, distribution, and management of hydraulic and pneumatic power throughout the aircraft. Topics include: identify hydraulic fluids; repair hydraulic and pneumatic power system components; inspect, check, service, troubleshoot, and repair hydraulic and pneumatic power systems; hydraulic and pneumatic position and warning systems; and inspect, check, troubleshoot, service, and repair aircraft position and warning systems.

AMTP 2070 Aircraft Landing Gear Systems 2 – 3 - 2
This course provides a study of aircraft landing gear systems with emphasis on inspection and maintenance procedures of hydraulic and pneumatic power

throughout the aircraft structure. Topics include: inspect, check, service, and repair landing gear retraction systems and shock struts; inspect, check, service, and repair brakes, wheels, and tires; and inspect, check, service, and repair steering systems.

AMTP 2080 Aircraft Environmental Control Systems 5 – 4 - 7
This course provides a study of aircraft environmental control systems. Topics include: inspect, check, troubleshoot, service, and repair cabin atmosphere control systems; inspect, check, troubleshoot, service, and repair ice and rain control systems; inspect, check, troubleshoot, service, and repair fire protection systems; inspect, check, troubleshoot, service, and repair aircraft fuel systems; and inspect, check, troubleshoot, service, and repair aircraft instrument systems.

AMTP 2090 Aircraft Electrical, Communication, and Navigation Systems 4 – 5 - 6
Prerequisite: AMTP 1030. This course provides a study of aircraft electrical, communication, and navigation systems. Topics include: install, check, and service airframe electrical wiring, controls, switches, indicators, and protective devices; inspect, check, troubleshoot, service, and repair alternating and direct current electrical systems; repair and inspect aircraft electrical system components, crimp and splice wiring to manufacturer's specifications, and repair pins and sockets of aircraft connectors; inspect, check, and troubleshoot autopilot servos and approach coupling systems; inspect, check, and service aircraft electronic communication and navigation systems including VHF passenger address interphones and static discharge devices, aircraft VOR, ILS LORAN, radar beacon transponders, flight management computers, and GPWS; inspect and repair antenna and electronic equipment installations; and inspect, check, and troubleshoot constant speed and integrated speed drive generators.

AMTP 2210 Reciprocating Engine Powerplants I 3 – 0 - 3
This course provides a study of piston engine theory and maintenance including air and water-cooled aircraft engines. Topics include: aircraft reciprocating engine theory, and inspect and repair radial engines.

AMTP 2220 Reciprocating Engine Powerplants II 2 – 7.5 - 5
Prerequisites: AMTP 2210, AMTP 2260. This course continues a study of piston engine theory and maintenance including air and water-cooled aircraft engines. Topics include: overhaul a reciprocating engine; inspect, check, service, and repair reciprocating engines and engine installations; and install, troubleshoot, and remove reciprocating engines.

AMTP 2230 Gas Turbine Powerplants I 3 – 0 - 3
This course provides a study of the fundamentals and evolution of the jet engine and jet propulsion. Topics include: aircraft gas turbine engine theory, and inspect and troubleshoot unducted fan systems and components.

AMTP 2240 Gas Turbine Powerplants II 2 – 4 - 3
Prerequisites: AMTP 2230, AMTP 2260. This course continues a study of the fundamentals and evolution of the jet engine and jet propulsion. Topics include:

overhaul a turbine engine; install, troubleshoot, and remove turbine engines; and inspect, check, service, and repair turbine engines and turbine engine installations.

AMTP 2250 Aircraft Engine Inspection 1 – 0.5 – 1
Prerequisite/Corequisite: AMTP 2220 or AMTP 2240. This course provides students with the knowledge and skills to perform aircraft engine inspections. Topics include: perform an aircraft powerplant conformity and airworthiness inspection.

AMTP 2260 Aircraft Engine Fuel and Fuel Metering Systems 3 – 4 - 5
Prerequisites: AMTP 2210, AMTP 2230. This course provides a study of aircraft engine fuel and fuel metering systems. Topics include: repair engine fuel system components; inspect, check, service, troubleshoot, and repair engine fuel systems; troubleshoot and adjust turbine engine fuel metering systems and electronic engine fuel controls; inspect, check, service, troubleshoot, and repair reciprocating and turbine engine fuel metering systems; overhaul carburetors; repair engine fuel metering system components; and inspect, check, and service water injection systems.

AMTP 2270 Aircraft Engine Electrical, Ignition, and Starting Systems 5 – 4 - 7
Prerequisite: AMTP 1030. This course provides a study of aircraft engine electrical systems. Topics include: troubleshoot, service, and repair electrical and mechanical fluid rate-of-flow indicating systems; inspect, check, service, troubleshoot, and repair electrical and mechanical engine temperature, pressure, and r.p.m. indicating systems; inspect, check, service, troubleshoot, and repair engine fire detection and extinguishing systems; install, check, and service engine electrical wiring, controls, switches, indicators, and protective devices; repair engine electrical system components; overhaul magneto and ignition harness; inspect, service, troubleshoot, and repair reciprocating and turbine engine ignition systems and components; inspect, service, troubleshoot, and repair turbine engine electrical starting systems; and inspect, service, and troubleshoot turbine engine pneumatic starting systems.

AMTP 2280 Aircraft Powerplant Accessory Systems 4 – 5 - 6
Prerequisites/Corequisites: AMTP 2210, AMTP 2230. This course provides a study of aircraft powerplant accessory systems. Topics include: inspect and maintain aircraft engine lubrication systems; propeller theory and fundamentals; inspect and maintain propellers; install, troubleshoot, and remove propellers; inspect and maintain aircraft engine induction systems; inspect and maintain aircraft engine cooling systems; and inspect and maintain aircraft engine exhaust systems.

AMTP 2500 Design and Maintenance of Aircraft Electrical Systems 2.5 – 2 - 3
Prerequisites: AMTP 1030, AMTP 2020, AMTP 2090. Corequisites: AMTP 2510, AMTP 2520. Introduces the student to the standards for design of aircraft electrical systems. Emphasis is placed on the procedures used for maintaining aircraft electrical systems. Topics include: Electrical control devices, electric motors, generator, alternators, power distribution systems, reading aircraft electrical schematics and the requirements for the installation and approval of electric

components and materials established by the Federal Aviation Administration and published in Federal Aviation Regulations, advisory circulars and directives.

AMTP 2510 Aircraft Wire Installation and Repair 2 – 5.5 - 4
Prerequisites: AMTP 1030, AMTP 2020, AMTP 2090. Corequisites: AMTP 2500, AMTP 2520. Introduces the student to the standards and procedures used for installing wiring and components onto aircraft. Assembly and wiring of complex instrument panels, control panels and consoles. Installation of electrical components such as switches, relays, solenoids, circuit breakers, connectors and terminal boards.

AMTP 2520 Aircraft Electrical and Avionics Equipment Installation 2 – 3.5 - 3
Prerequisites: AMTP 1030, AMTP 2020, AMTP 2090. Corequisites: AMTP 2500, AMTP 2510. Introduces the student to the standards and procedures for installing components onto aircraft. Emphasis is placed on the installation, inspection and operational checks of electrical and avionics systems.

AVIATION MANAGEMENT (BACCALAUREATE PROGRAM)

Aviation Core

AERO 1101 Aviation Profession 3 – 0 - 1
Prerequisite: NONE. This course is designed to give the student an introduction to the aviation field including history and career planning in the aviation industry. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: F, Sp, Su

AERO 2102 Aviation Meteorology 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course includes basic weather theory, atmospheric science, and aviation weather products and services for the industry. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: F, Sp, Su

AERO 2103 Flight Principles 3 – 0 - 2
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course is composed of basic aerodynamics, performance, and operating characteristics. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: F, Sp, Su

AERO 2104 Aviation Safety 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course includes current safety practices, trends in aviation safety, and future safety issues. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: Sp

AERO 2105 Aviation Regulations 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course includes an in-depth study of the Federal Aviation Regulations (FARs) including Parts 61, 91, 121, 135, 141, & NTSB 830. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: Sp

AERO 2106 Private Pilot Ground School 3 – 0 - 3
Co-requisites: AERO 2102 (Aviation Meteorology); AERO 3106 (Private Pilot Flight). This course is designed to prepare the student for FAA private pilot flight and FAA examinations. Specifically, this course introduces principles of the flight environment, basic aircraft systems, and navigation, flight planning, physiology. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Offered: F, Sp, Su

AERO 2107 Aviation Law & Insurance 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course includes discussion of federal, state, and local laws that govern aviation and aviation insurance. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: Sp

AERO 2108 Human Factors 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course examines the importance of interpersonal skills and crew resource management (CRM) as it relates to safety and duties in the cockpit as well as, management of people. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: F

AERO 2109 Aviation Marketing 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course provides a foundation in general marketing principles as they relate to the aviation and airline industry: including the frequent flyer program, marketing tools, and unique aspects of the aviation market segmentations. Required for Bachelor of Science in Aviation Management: Flight Management & Air Traffic Management Majors. Elective for Airport Management, Logistics Management & Non-Aviation Management Majors. Offered: F

AERO 2110 Airline Management 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course introduces principles management of airline, commuter, and freight carriers. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: F

Flight Management Specific Courses

AERO 3106 Private Pilot Flight 0 – 1 - 1

Co-requisites: AERO 2102 (Aviation Meteorology); AERO 2106 (Private Pilot Ground School). This course contains both dual and solo flight instruction designed to prepare the student for FAA private pilot flight and FAA examinations. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F, Sp, Su

AERO 3107 Instrument Pilot Ground School 3 – 0 - 3

Prerequisite: Private Pilot Certificate; Co-requisite: AERO 3018 (Instrument Pilot Flight) for Flight Management Majors. This course is designed to prepare the student for instrument pilot flight including aircraft instrumentation, navigation, arrival and departure procedures, instrument flight planning, and FAA examinations. Required for Bachelor of Science in Aviation Management: Flight Management & Air Traffic Management Majors. Offered: F, Sp, Su

AERO 3018 Instrument Pilot Flight 0 – 1 - 1

Prerequisite: Private Pilot Certificate; Co-requisite: AERO 3107 (Instrument Pilot Ground School) for Flight Management Majors. This course contains both dual and solo flight instruction designed to prepare the student for FAA instrument pilot flight and FAA examinations. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F, Sp, Su

AERO 3019 Commercial Pilot Single-Engine Ground School 3 – 0 - 3

Prerequisite: Instrument Pilot Certificate; Co-requisite: AERO 3020 (Commercial Pilot Flight I). This course is designed to prepare the student for FAA commercial pilot flight and FAA examinations. Specifically, this course introduces procedures, operations, and regulations to fly for compensation or hire. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Offered: F, Sp, Su

AERO 3020 Commercial Pilot Flight I 0 – 1 - 1

Prerequisite: Instrument Pilot Certificate; Co-requisite: AERO 3019 (Commercial Pilot Single-Engine Ground School). This course contains both dual and solo flight instruction designed to prepare the student for FAA commercial pilot flight and FAA examinations. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F, Sp, Su.

AERO 3021 Commercial Pilot Multi-Engine Ground School 3 – 0 - 3

Prerequisite: Instrument Pilot Certificate; Co-requisite: Commercial Pilot Flight II. This course is designed to prepare the student for FAA commercial pilot multi-engine flight and FAA examinations. Specifically, this course introduces procedures, operations, and for multi-engine flight. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Offered: F, Sp, Su

AERO 3022 Commercial Pilot Flight II 0 – 1 - 1
Prerequisite: Instrument Pilot Certificate; Co-requisite: AERO 3021 (Commercial Pilot Multi-Engine Ground School). This course contains dual flight instruction designed to prepare the student for FAA commercial multi-engine pilot flight and FAA examinations. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F, Sp, Su

AERO 4001 Advanced Aerodynamics 3 – 0 - 3
Prerequisite: Commercial Pilot Certificate. This course focuses on advanced aerodynamic concepts appropriate for those seeking careers airline or military flying including boundary layer theory, high speed flight, and high speed flight characteristics. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Offered: F

AERO 4002 Advanced Navigation 3 – 0 - 3
Prerequisite: Commercial Pilot Certificate. This course focuses on advanced navigation concepts appropriate for those seeking careers airline or military flying including GPS, RNP, RVSM, ADS and free flight characteristics. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Offered: F

AERO 4003 Airport Management 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course provides knowledge of airport contracts, security, and environmental regulations related to noise, hazardous material, and other environmental factors. Required for all Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors. Offered: Sp

AERO 3023 Flight Instructor I Ground School 3 – 0 - 3
Prerequisite: Commercial Pilot Certificate. Co-requisite: AERO 3024 (Flight Instructor I Flight). This course is designed to prepare the student for FAA certified flight instructor rating and FAA examinations. Specifically, this course introduces theories of learning, fundamentals of instruction, and flight instructor responsibilities. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Offered: F, Sp, Su

AERO 3024 Flight Instructor I Flight 0 – 1 - 1
Prerequisite: Commercial Pilot Certificate. Co-requisite: AERO 3023 (Flight Instructor I Ground School). This course contains dual flight instruction designed to prepare the student for flight instructing leadership role and FAA examinations. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F, Sp, Su

AERO 4004 Advanced Aircraft Systems 3 – 0 - 3
Prerequisites: Commercial Pilot Certificate; AERO 4002 (Advanced Navigation). This course introduces students to advanced aircraft systems including weather radar, EFIS, EICAS, FMS, FBW and FOQA programs. Required for Bachelor of Science in Aviation Management: Flight Management Majors.

AERO 4005 Weather Radar Operations 3 – 0 - 3
Prerequisites: Commercial Pilot Certificate; AERO 4002 (Advanced Navigation). This course introduces advanced weather detection devices available in advanced aircraft including Doppler radar, wind-shear detection radar, clear-air turbulence, infra-red and millimeter-wave technologies. Required for Bachelor of Science in Aviation Management: Flight Management Majors.

AERO 3025 Flight Instructor II Ground School 3 – 0 - 1
Prerequisites: AERO 3023 (Flight Instructor I Ground School); AERO 3024 (Flight Instructor I Flight); Co-requisite: AERO 3026 (Flight Instructor II Flight). This course is designed to prepare the student for FAA certified flight instructor instrument rating and FAA examinations. Specially, this course combines instrument flying skills with teaching skills necessary for the FAA examination. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Offered: F, Sp, Su

AERO 3026 Flight Instructor II Flight 0 – 1 - 1
Prerequisites: AERO 3023 (Flight Instructor I Ground School); AERO 3024 (Flight Instructor I Flight); Co-requisite: AERO 3025 (Flight Instructor II Ground School). This course contains dual flight designed to prepare the student for FAA certified flight instructor instrument rating and FAA examinations. Specially, this course combines instrument flying skills with teaching skills necessary for the FAA examination. Required for Bachelor of Science in Aviation Management: Flight Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F, Sp, Su

AERO 4006 Glass Cockpit Transition 3-0-3 (aviation elective)
Prerequisites: Commercial Pilot Certificate, AERO 4002 (Advanced Navigation); 4004 (Advanced Aircraft Systems). This course offers students simulation of specialized training that will allow them to transition to more advanced aircraft and avionics systems. Elective for All Bachelor of Science in Aviation Management Majors. Elective for Non-Aviation Management Majors.

Airport Management Specific Courses

AERO 2111 Air Traffic Systems & Operations 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course examines the history and future of the air traffic control systems and FAA regulations that shape the ATC system. Required for Bachelor of Science in Aviation Management: Airport Management. Elective for Flight Management, Air Traffic Control Management & Non-Aviation Management Majors. Offered: F

AERO 2112 Aviation Service Control Operations 3 - 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course is an overview of general aviation operations; including the management and operations of an FOB. Required for All Bachelor of Science in Aviation Management Majors Elective for Non-Aviation Management Majors. Offered: Sp

AERO 3113 Current Security Issues 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course examines the current security issues faced at airports including National and International airports in all classes of airspace. Required for Bachelor of Science in Aviation Management: Airport Management. Elective for Flight Management, Air Traffic Control Management & Non-Aviation Management Majors. Offered: F

AERO 3114 Air Cargo 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course examines the economic aspects of cargo transportation including practices, problems, and federal, state, and local regulations. Required for Bachelor of Science in Aviation Management: Airport Management & Logistics Management Majors; Elective for Flight Management, Air Traffic Control Management & Non-Aviation Management Majors. Offered: Sp

AERO 4010 Airport Internships 3 – 0 - 3
This internship provides practical experience in airport management as approved by the department chair. Maximum of 6 hours. Elective for Bachelor of Science in Aviation: Airport Management. Offered: F, Sp, Su

Air Traffic Control Management Specific Courses
AERO 4201 Air Traffic Control Facility Rating I 0 – 12 - 6
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. The student receives actual on-the-job training in an operational air traffic control tower. Training includes area and airport familiarization, proper microphone technique and phraseology, the control and management of aircraft on the airport, posting and relay of flight data and aviation weather information. Supervised by experienced and certified air traffic controllers throughout the training process, the student is provided an ideal environment for transitioning from classroom theory to practical application of air traffic control procedures. Required for Bachelor of Science in Aviation Management: Air Traffic Control Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F

AERO 4202 Air Traffic Control Facility Rating II 0 – 12 - 6
Prerequisite: AERO 4201 (Air Traffic Control Facility Rating I). This course is a continuance of "Facility Rating I". The student receives actual on-the-job training in the provision of advanced air traffic control services and procedures. Successful completion of this course is a demonstration by the student that he/she is capable of providing all required air traffic control services during normal Heart of Georgia Regional Airport traffic conditions without assistance from instructor personnel. Upon demonstration of this ability, the student will be issued an FAA control Tower Operator Certificate and Facility Rating. Required for Bachelor of Science in Aviation Management: Air Traffic Control Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: Sp

AERO 4203 Approach Control I 3 – 0 - 3
Prerequisite: AERO 4201 (Air Traffic Control Facility Rating I). This course addresses the theory and basic applications of radar and non-radar air traffic control services provided by approach control facilities within the general vicinity of controlled airports. Subject areas include radar fundamentals; strip marking procedures; radar and non-radar separation minima and methods; phraseology; coordination requirements; general radar services; special radar operations; VFR/SVFR/IFR operations; and emergency situations. During the latter stages of the course, students participate in simulation exercises designed to develop basic skills in the application of air traffic control procedures in an integrated, multi-position/facility environment. Required for Bachelor of Science in Aviation Management: Air Traffic Control Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: F

AERO 4204 Approach Control II 0 – 6 - 3
Prerequisite: AERO 4203 (Approach Control I). This course is a continuance of "Approach Control I". After an initial review of the subjects addressed during the preceding semester, students participate in simulated air traffic control exercises designed to develop more advanced skill levels in the application of air traffic control procedures pertinent to approach control facility operation. The exercises increase in complexity as the semester progresses. Throughout the course student performance is evaluated by FAA rated air traffic control instructors. Required for Bachelor of Science in Aviation Management: Air Traffic Control Management Majors. Additional fees apply. Course taught at Georgia Aviation campus in Eastman. Offered: Sp

AERO 4205 Air Traffic Control Advanced Procedure 3 – 0 - 3
Prerequisite: AERO 4201 (Air Traffic Control Facility Rating I). Procedures for conducting control of air traffic are emphasized. Procedural use of regulations and regulations and basic air traffic control procedures are covered, such as aviation terms, definitions and abbreviations; general procedures, weather information, radio communications, including proper phraseology and descriptions, altimetry, flight progress strips and their markings, abbreviations and symbols; airport traffic control procedures, instrument operations, special VFR procedures, radar operations and emergency procedures. Required for Bachelor of Science in Aviation Management: Air Traffic Control Management Majors. Offered: Sp

AERO 4206 Air Traffic Control Internship 3 – 0 - 3
This internship provides practical experience in air traffic control management as approved by the department chair. Maximum of 6 hours. Elective for Bachelor of Science in Aviation Management: Air Traffic Control Management. Offered: F, Sp, Su

Logistics Management Specific Courses
AERO 2401 Introduction To Logistics 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course is designed to give an overview of logistics including critical elements and systems which drive accuracy and decision making at all levels of management. Required for Bachelor of Science in Aviation

Management: Logistics Management. Elective for Flight Management, Air Traffic Control Management, Airport Management Majors & Non-Aviation Management Majors. Offered: F

AERO 4301 Principles of Transportation 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course includes an overview of rail, motor, air, water, and pipeline modes of transportation and the economic principles and governmental regulations associated with each. Required for Bachelor of Science in Aviation Management: Logistics Management. Elective for Flight Management, Air Traffic Control Management, Airport Management Majors & Non-Aviation Management Majors. Offered: F

AERO 4302 Supply Chain Management 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course examines the field of supply chain management which refers to the entire network of companies working together to design, produce, deliver, and service products. Required for Bachelor of Science in Aviation Management: Logistics Management. Elective for Flight Management, Air Traffic Control Management, Airport Management Majors & Non-Aviation Management Majors. Offered: F

AERO 4303 Logistics Decision Making 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course examines critical elements and systems which drive accuracy and decision making at all levels of management. Required for Bachelor of Science in Aviation Management: Logistics Management. Elective for Flight Management, Air Traffic Control Management, Airport Management Majors & Non-Aviation Management Majors. Offered: Sp

AERO 4304 International Supply Chain Management 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course examines globally the field of supply chain management which refers to the entire international network of companies working together to design, produce, deliver, and service products. Required for Bachelor of Science in Aviation Management: Logistics Management. Elective for Flight Management, Air Traffic Control Management, Airport Management Majors & Non-Aviation Management Majors. Offered: Sp

BIOLOGY (BIOL)

BIOL 1103 Introductory Biology I 3 - 3 – 4
Prerequisites: ENGL 0099, READ 0099. A general biology course focused on cell structure and function, cell division, plant and animal energy pathways, genetics and evolution. This course is intended for non-science majors only.

BIOL 1104 Introductory Biology II 3 - 3 - 4
Prerequisites: BIOL 1103. A general biology course focused on diversity, structure and function of organisms, interaction with the environment, and global issues. This course is intended for non-science majors only.

BIOL 1107 Principles of Biology I 3 - 3 - 4
Prerequisites: ENGL 0099, READ 0099. Study of the scientific method; biological chemistry; cell structure and function; photosynthesis; cellular respiration; mitosis and meiosis; genetics; gene expression and regulation; evolution; and survey of microorganisms, plants, and animals. Offered: F, Sp, Su

BIOL 1108 Principles of Biology II 3 - 3 - 4
Prerequisites: BIOL 1107. Continuation of general biology sequence which includes: growth, reproduction and physiology of plants; animal tissues and organ systems (integumentary, skeletal, muscular, digestive, respiratory, circulatory, excretory, reproductive, nervous, and endocrine); behavior; and ecology. Offered: F, Sp, Su

BIOL 1120 Essentials of Life Sciences 3 - 3 - 4
Prerequisites: ENGL 0099, READ 0099. Introduction to biological principles as they relate to cells. Topics to include: scientific method, fundamentals of physical, organic and biochemistry; cell structures and their functions emphasizing cell membranes; an introduction to thermodynamics as it relates to cellular and organismic energy processing; gene structure and regulation; and the cell life cycle. NOTE: A student will not receive credit toward graduation for both BIOL 1120 and BIOL 1107. Offered: F

BIOL 1150 Field Studies in Biology 1 - 6 - 3
Prerequisites: ENGL 0099, READ 0099. A 1-3 week onsite study of the biology and natural history of a selected environment, such as the Galapagos Islands. Introductory classroom activity appropriate to the field work is included. Additional fees are required. Offered: I

BIOL 2114 Anatomy and Physiology I 3 - 3 - 4
Prerequisites: ENGL 0099, READ 0099. Detailed study of the human body correlation structure and function of the major organ systems and their interrelations. Cell and tissue biology are reviewed followed by study of the skeletal, muscular, and nervous systems. NOTE: A background in general biology or chemistry is desirable. Offered: F, Sp, Su

BIOL 2115 Anatomy and Physiology II 3 - 3 - 4
Prerequisites: Grade of C or better in BIOL 2114. Continuation of BIOL 2114 including study of the digestive, excretory, cardiovascular, respiratory, immune, endocrine, and reproductive systems. Offered: F, Sp, Su

BIOL 2131 Microbiology 3 - 3 - 4
Prerequisites: BIOL 2114 or 2115 or permission of the instructor. Study of microorganisms including their anatomy and metabolism, and their relationship to human health, disease transmission, and control. Offered: Sp, Su

BIOL 2222L Techniques in Biomedical Research 1 – 3 – 3
Prerequisites: Completion of all Learning Support courses, one year of Principles of Biology or Principles of Chemistry, or departmental approval. Students will gather hands-on experience in techniques commonly used in Biomedical Research. Students will perform a broad spectrum of laboratory excercises to include measurement of pH and buffers, centrifugation, spectrophotometry, chromatography (ion-exchange, thin-layer, gel-filtration), diffusion and osmosis, electrophoresis, DNA isolation, bacterial transformation, DNA restriction analysis, polymerase chain reaction, cell isolation and culture, antigen-antibody interaction, radial immunodiffusion, enzyme-linked immunosorbent assay.

BIOL 2223 Cell and Molecular Biology 3 – 0 – 3
Prerequisites: Completion of all Learning Support courses, one year of Principles of Biology or Principles of Chemistry, or departmental approval. A study of the structural and functional properties of prokaryotic and eukaryotic cells and the progression of biological complexity from the molecular level to the multicellular level.

BIOL 2224 Ethics in Research 1 – 0 – 1
Prerequisites: Departmental approval. This course is composed of a series of units. Each unit is designed to examine current ethical issues in biolmedical research. Class participants will discuss issues of informed consent, privacy, research misconduct, and confidentiality.

BIOL 2225 Seminars in Biological Sciences I 2 – 0 – 2
Prerequisites: Completion of all Learning Support courses, one year of Principles of Biology or Principles of Chemistry, or departmental approval. This course is intended to spark the student's interest in biomedical research by focusing on topics in research in the biological sciences to complement the other courses in the bridges program. Offered: F

BIOL 2226 Seminars in Biological Sciences II 2 – 0 - 2
Prerequisites: Completion of all Learning Support courses, one year of Principles of Biology or Principles of Chemistry, or departmental approval. This course is a continuation of BIOL 2225. It is intended to spark the student's interest in biomedical research by focusing on topics in research in the biological sciences to complement the other courses in the bridges program. Offered: Sp.

BUSINESS ADMINISTRATION (BUSA)

BUSA 1105 Introduction to Business 3 - 0 - 3
Prerequisites: READ 0099, MATH 0097. Integrative survey of the functional areas of business such as finance, operations, marketing, and human resources. Offered: I

BUSA 1205 Computer Literacy 2 - 0 - 2
An introductory computer literacy course with coverage of such topics as computer terminology, Internet, e-mail, and word-processing. Students completing the course should be able to produce formatted documents such as letters and term

papers and perform basic internet functions. Students who have previously completed BUSA 2201 cannot receive credit for this course. Offered: F, Sp, Su

BUSA 2105 Communicating in the Business Environment 3 - 0 - 3
Prerequisites: BUSA 2201, ENGL 1102. Study of both interpersonal and organizational communications; to include written and oral exercises appropriate to business practices. Offered: F

BUSA 2106 The Environment of Business 3 - 0 - 3
Prerequisites: READ 0099. Introduction to the political, social, legal, ethical, environmental, and technological uses which form the context for businesses; to include an overview of the impact of demographic diversity as organizations. Offered: F

BUSA 2201* Fundamentals of Computer Applications 3 - 0 - 3
*(*BUSA 2201 course credit valid for three years without departmental approval.)*
Prerequisites: READ 0099, MATH 0097, basic computer skills expected. A course designed to assure a basic level of computer applications literacy; to include spreadsheet, database, LAN, e-mail, and Internet Utilization. Offered: F, Sp, Su

BUSA 3101 Business Ethics 3 – 0 - 3
Prerequisites: ECON 2105 and 2106. This course is will examine ethical issues in the context of business theory and practice. Topics include corporate responsibility, corporate governance, and environmental sustainability along with ethics in human resource management, marketing accounting, communications, and technology. Required for Bachelor of Science in Aviation Management: Aviation Management and Logistic Management Majors. Elective for Flight Management, Air Traffic Management, and Non-Aviation Management Majors. Offered: F

BUSA 3102 Human Resource Management 3 – 0 - 3
Prerequisite: BUSA 3108. This course is designed to give the student the principles of procuring, developing, maintaining and effectively utilizing personnel according to all Federal, State, and Local laws. Required for Bachelor of Science in Aviation Management: Aviation Management and Logistic Management Majors. Elective for Flight Management, Air Traffic Management and Non-Aviation Management Majors. Offered: Sp

BUSA 3103 Strategic Management 3 – 0 - 3
Prerequisite: BUSA 3108. This course is designed to give the student an introduction to the principles of strategic management as it relates to organizational goals, identifying new capabilities, and the impact of current decision making on the future of the corporation. Required for Bachelor of Science in Aviation Management: Aviation Management and Logistic Management Majors. Elective for Flight Management, Air Traffic Management and Non-Aviation Management Majors. Offered: Sp

BUSA 3108 Principles of Management 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course is designed to give the students

principals and techniques used in management. The fundamentals covered include staff and operative management across disciplines. Required for Bachelor of Science in Aviation Management: Aviation Management and Logistic Management Majors. Elective for Flight Management, Air Traffic Management and Non-Aviation Management Majors. Offered: F

BUSA 3109 Principles of Marketing 3 – 0 - 3
Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099. This course introduces principles and methods used in the movement of goods and services from producers to consumers. Topics include merchandising, pricing, inventories, unit control, and stock model budgeting. Required for Bachelor of Science in Aviation Management: Aviation Management and Logistic Management Majors. Elective for Flight Management, Air Traffic Management and Non-Aviation Management Majors. Offered: Sp

BUSA 3110 Principles of Finance 3 – 0 - 3
Prerequisites: ECON 2105 and 2106. This course is designed to give the student an introduction to the principles of financial management including an analysis of financial statements, forecasting, capital budgeting, security valuation, and analysis of risk and return. Required for Bachelor of Science in Aviation Management: Aviation Management and Logistic Management Majors. Elective for Flight Management, Air Traffic Management and Non-Aviation Management Majors. Offered: F

BUSA 3111 Critical Thinking 3 – 0 - 3
Prerequisites: ECON 2105 and 2106. This course explores critical thinking as a methodical procedure of conceptualizing, applying, examining, blending, and/or evaluating information gathered to guide to decisions in across business applications. Required for Bachelor of Science in Aviation Management: Aviation Management and Logistic Management Majors. Elective for Flight Management, Air Traffic Management and Non-Aviation Management Majors.

CHEMISTRY (CHEM)

CHEM 1151 Survey of Chemistry I 3 - 3 - 4
Prerequisites: MATH 0099, READ 0099. Survey of basic chemical principles designed for those students who have not had high school chemistry or as part of the CHEM 1151 and CHEM 1152 sequence as required by certain majors. Offered: F, Sp, Su

CHEM 1152 Survey of Chemistry II 3 - 3 - 4
Prerequisites: CHEM 1151 or 1012 or permission of the instructor. Introduction to organic chemistry and elementary biochemistry considering the nomenclature, compounds, reactions, and laboratory exercises of special interest to students who are taking only one semester of organic chemistry. May be used as the second semester of an 8-semester hour sequence such as CHEM 1151-1152 or 1012-1152. Offered: Sp

CHEM 1211 Principles of Chemistry I 3 - 3 - 4
Prerequisites: CHEM 1151 or high school chemistry, MATH 1111 or permission of the instructor. Study of dimensional analysis, periodic table trends, nuclear chemistry, stoichiometry, bonding, balancing redox equations, gas laws, kinetic molecular theory, pattern reactions, equivalent weight, colligative properties, and colloids. NOTE: A student may not receive credit for both CHEM 1151and 1012. Offered: F, Sp, Su

CHEM 1212 Principles of Chemistry II 3 - 3 – 4
Prerequisites: CHEM 1211. Equilibrium and the study of polyprotic acids, hydrolysis, buffers, kinetics, thermodynamics, electrochemistry, a continuation of nuclear chemistry and organic chemistry. Offered: F, Sp, Su

CHEM 2912 Organic Chemistry I 3 - 3 - 4
Prerequisites: CHEM 1212 or CHEM 1152. Study of the aliphatic hydrocarbons, including derived compounds such as alkyl halides, alcohols, and aromatics. Emphasis on nomenclature, reaction mechanism, and stereochemical topics. Offered: F

CHEM 2922 Organic Chemistry II 3 - 3 - 4
Prerequisites: CHEM 2912. Study of the carbonyl compounds and amines. Emphasis on biochemical applications. An introduction to the use of chemical instrumentation including gc, ir, and nmr. Offered: Sp

COMPUTER SCIENCE (CSCI)

CSCI 1001* Introduction to Computer Science 3 - 0 - 3
*(*CSCI course credit valid for three years without departmental approval.)*
Prerequisites: MATH 1111. The introduction to the basics of data encoding and computer architecture, the study of operating systems and computer networks, the topics of algorithms, programming languages, and software development, and exploring data structures and databases.

CSCI 1101* Introduction to Visual Basic.NET Programming 2 - 2 - 3
*(*CSCI course credit valid for three years without departmental approval.)*
Prerequisites: CSCI 1001 or departmental consent, and MATH 1112. This is an introductory programming course using the language Visual Basic.NET, a Windows based, object oriented, event driven, graphical, interactive programming environment. The course covers form design, common form tool controls, input-process-output model, arithmetic operations and assignment statements, predefined object methods & functions, decision structures, looping structures, list controls, array and table processing, sub procedures and user-defined functions, and database programming.

CSCI 1201* Introduction to C++ Programming 2 - 2 - 3
*(*CSCI course credit valid for three years without departmental approval.)*
Prerequisites: CSCI 1001 or departmental consent, and MATH 1112. This course is the introduction to fundamental hardware, software, and programming concepts. The

course covers basic C++ syntax, data types, expressions, selection structures, repetition structures, functions, arrays, searching/sorting arrays, and Pointers.

CSCI 1202* Object-Oriented Programming in C++ 2 – 2 - 3
*(*CSCI course credit valid for three years without departmental approval.)*
This course will be the continuation of CSCI 1201. The course focuses on object-oriented programming and advanced data structure. It covers structured data, advanced files and I/O operations, fundamental concepts of classes, inheritance and polymorphism, exceptions, templates, STL, linked lists, stacks and queues, and recursion.

CSCI 1301* Computer Science I 2 - 2 - 3
*(*CSCI course credit valid for three years without departmental approval.)*
Prerequisites: MATH 1113. This course includes an overview of computers and programming; problem-solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; text files; arrays (one and two dimensional); procedural abstraction and software design; modular programming (including subprograms). Offered: F, Sp

CSCI 1302* Computer Science II 2 - 2 - 3
*(*CSCI course credit valid for three years without departmental approval.)*
Prerequisites: CSCI 1301. This course includes an overview of abstract data types (ADT's); arrays (multi-dimensional) and records; sets and strings; binary files; searching and sorting; introductory algorithm analysis (including Big -0); recursion; pointers and linked lists; software engineering concepts; dynamic data structures (stacks, queues, trees). Offered: Sp

CRIMINAL JUSTICE (CRJU)

CRJU 1100 Introduction to Criminal Justice 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Orientation to the elements of criminal justice and law enforcement. A study of municipal, county, state, and federal police organizations as well as the history, philosophy, procedures, and constitutional aspects of criminal justice. Offered: F

CRJU 2316 Introduction to Criminology 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Study of the basic principles of criminology including the causes and impacts of crime. An analysis of classical as well as contemporary theories along with criminal behavior, treatment, and prevention. Offered: Sp, even

CRJU 2317 Introduction to Criminal Law 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Study of the basic principles of criminology including the causes and impacts of crime. An analysis of classical as well as contemporary theories along with criminal behavior, treatment, and prevention. Offered: Sp, odd

CRJU 2318 Introduction to Correction 3 - 0 - 3
Prerequisites: READ 0099. Introduction to the philosophy and procedures as applied to correction. An investigation of after-care and post-release problems. Offered: Sp, Su.

DANCE (DANC)

DANC 1130 Beginning Jazz Dance 0 - 2 - 1
Study of basic skills in jazz dancing and exploration of jazz dance combinations used for stage performances. This course is also offered as PHED 1130. Offered: F, Sp

DANC 1131 Beginning Tap Dance 0 - 2 - 1
Study of the students' basic skills in tap dancing and to help them analyze, understand, and develop rhythmic patterns for tap combinations. This course is also offered as PHED 1131. Offered: F

DANC 1132 Beginning Ballet 0 - 2 - 1
Study of the techniques and theories of classical ballet for beginners with emphasis on body placement, awareness, strength, and terminology. This course is also offered as PHED 1132. Offered: F, Sp

DANC 2230 Intermediate Jazz Dance 0 - 2 - 1
Prerequisites: DANC 1130 or permission of instructor. Study of intermediate jazz dance skills This course is also offered as PHED 2230. Offered: Sp

DANC 2231 Intermediate Tap Dance 0 - 2 - 1
Prerequisites: DANC 1131 or permission of instructor. Study of intermediate tap skills and the ability to learn routines quickly. This course is also offered as PHED 2231. Offered: Sp

DANC 2232 Intermediate Ballet 0 - 2 - 1
Prerequisites: DANC 1132 or permission of instructor. Study of the refined movements of the ballet as an art form. This course is also offered as PHED 2232. Offered: Sp, I

DIRECTED INDIVIDUAL STUDY

DISP 1600 Directed Individual Study (Co-op With Industry) 0 – 0 - 1
First rotation for Student Career Experience Program (SCEP) students with industry. Current partners include Robins Air Force Base, Gulfstream Aerospace, Air Tran Airways, Atlantic Southeast Airlines, and The Boeing Company.

DISP 1601 Directed Individual Study (Co-op With Industry) 0 – 0 - 1
Second rotation for Student Career Experience Program (SCEP) students with industry. Current partners include Robins Air Force Base, Gulfstream Aerospace, Air Tran Airways, Atlantic Southeast Airlines, and The Boeing Company.

DISP 1602 Directed Individual Study (Co-op With Industry) 0 – 0 - 1
Third rotation for Student Career Experience Program (SCEP) students with industry. Current partners include Robins Air Force Base, Gulfstream Aerospace, Air Tran Airways, Atlantic Southeast Airlines, and The Boeing Company.

DISP 1603 Directed Individual Study (Co-op With Industry) 0 – 0 - 1
Fourth rotation for Student Career Experience Program (SCEP) students with industry. Current partners include Robins Air Force Base, Gulfstream Aerospace, Air Tran Airways, Atlantic Southeast Airlines, and The Boeing Company.

DISP 1604 Directed Individual Study (Co-op With Industry) 0 – 0 - 1
Fifth rotation for Student Career Experience Program (SCEP) students with industry. Current partners include Robins Air Force Base, Gulfstream Aerospace, Air Tran Airways, Atlantic Southeast Airlines, and The Boeing Company.

DISP 1605 Directed Individual Study (Co-op With Industry) 0 – 0 - 1
Sixth rotation for Student Career Experience Program (SCEP) students with industry. Current partners include Robins Air Force Base, Gulfstream Aerospace, Air Tran Airways, Atlantic Southeast Airlines, and The Boeing Company.

DRAMA (DRAM)

DRAM 1101, 1103, 1104, 1105 Play Production 0 - 2 – 1
DRAM 2201, 2203, 2204, 2205 Play Production 0 - 2 - 1
Opportunity open to any student by tryout or major work to qualify as a crew member or actor as designated by the director. (Course may be repeated for credit.) Offered: F, Sp, Su

DRAM 1102 Fundamentals of Drama 3 - 0 - 3
Introduction to fundamentals of acting techniques. Class lectures, exercises, scene study, and reports. Individual and group assignments of various acting techniques and procedures. Each student is required to participate in play production. Offered: F, Sp

DRAM 2222 Theatre Appreciation 3 - 0 - 3
Survey of the history of drama and theatre, providing the basis for the appreciation of drama as a fine art. Offered: F, Sp

DRAM 2234 Stagecraft: Scene Building and Painting 3 - 0 - 3
Introduction to the arts of the theatre with emphasis on planning stage settings. Drafting assignments and laboratory work in technical crews of college productions are required. Offered: F, Sp

ECONOMICS (ECON)

ECON 2105 Principles of Macroeconomics 3 - 0 - 3
Prerequisites: READ 0099, MATH 0097. Introduction to concepts that will enable students to understand and analyze economic aggregates and evaluate economic policies. Offered: F, Sp

ECON 2106 Principles of Microeconomics 3 - 0 - 3
Prerequisites: READ 0099, MATH 0097. Introduction to concepts that will enable students to understand and analyze structure and performance of the market economy. Offered: F, Sp

EDUCATION (EDUC)

EDUC 2110 Investigating Critical and Contemporary Issues in Education 3 - 0 – 3
Prerequisites: ENGL 0099, READ 0099. This course engages students in observations, interactions, and analyses of critical and contemporary educational issues. Students will investigate issues influencing the social and political contexts of educational settings in the United States. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching. Offered F, Sp

EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity 3 - 0 - 3
Prerequisites: ENGL 0099, READ 0099. This course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity, and 4) the influences of culture on learning, development, and pedagogy. Offered F, SP

EDUC 2130 Exploring Teaching and Learning 3 - 0 - 3
Prerequisites: ENGL 0099, READ 0099. This course explores key aspects of learning and teaching through examining one's own learning processes and those of others, with the goal of applying one's knowledge to enhance the learning of all students in a variety of educational settings and contests. Offered F, SP

ENGINEERING (ENGR)

ENGR 1001 Introduction to Engineering 2 - 3 - 3
Prerequisites: ENGL 0099, MATH 0099, READ 0099. Corequisities: MATH 1113. Introduction to the basic skills needed for engineering studies and a technical career, including engineering problem solving, the fields and functions of engineering, and computer applications. Offered: F, Sp

ENGR 1002 Engineering Design Graphics 0 - 6 - 3
Prerequisites: Grade of C or better in ENGR 1001. Study of the elements of graphic communication and engineering design, including computer-assisted design, lettering, sketching, orthographic projection, auxiliary views, sections, dimensioning, descriptive geometry, and the engineering design process. Offered: F, Sp

ENGR 1003 Computer-Aided Design 0 - 6 - 3
Prerequisites: Grade of C or better in ENGR 1002, or departmental consent. Study of the use of personal computers and computer-aided drafting and design programs, such as SilverScreen, MicroStation, or AutoCAD. Offered: F, Sp

ENGR 1020 Computing for Engineers 3 - 0 - 3
Prerequisites: MATH 1113 and ENGR 1001. Foundations of computing with an emphasis on design and implementation of algorithms that complement and support engineering problem solving. Offered: F, Sp, Su

ENGR 1091, 1092, 1093, 2091, 2092, 2093 2 - 0 - 2
Cooperative Education Work Experience
Prerequisites: ENGR 1001 or departmental consent. One semester each of full-time employment in an approved cooperative education position. Offered: F, Sp, Su

ENGR 1100 Introduction to Computer Engineering 2 - 3 - 3
Corequisites: ENGR 1001. Introduction to the fundamental concepts of digital computers and digital computer programming, including the structure of digital systems and digital programming languages. Offered: F, Sp

ENGR 1500 Elementary Surveying Calculations 3 - 0 - 3
Study of elementary surveying calculations, including traverse computations, area and volume, and a review of algebra and trigonometry for surveyors. Offered: Su

ENGR 1504 Fluid Mechanics for Surveyors 3 – 0 – 3
Prerequisites: None. An introduction to the basic principles of fluid mechanics, with emphasis on hydraulic/hydrologic elements related to land development.
ENGR 1510 Introduction to Construction 3 - 0 - 3
Introduction to the fundamentals of the construction industry, from the pre-construction phase through project control and management. Offered: I

ENGR 1511 Construction Materials 3 – 0 – 3
The study of the engineering properties of construction materials related to the transportation industry, including aggregates, Portland cement, concrete, steel, and asphalt.

ENGR 1512 Construction Materials Laboratory 0 – 2 – 1
Prerequisite or corequisite: ENGR 1511. The application of standard testing procedure for construction materials, including concrete design and testing. (This course requires week-end attendance on the Middle Georgia College campus in Cochran.)

ENGR 1514 Construction Surveying 2 - 2 - 3
Prerequisites: None. The study of the applications of surveying instruments and methods to construction surveying, with an introduction to basic surveying field practices. Offered: I

ENGR 1521 AutoCAD for Surveyors 0 – 6 – 3
Prerequisites: None. An introduction to computer-aided design, featuring AutoCAD, with emphasis on planimetric and structural elements which are typical in surveying graphics applications.

ENGR 2005 Engineering Statics 3 - 3 - 4
Prerequisites or Corequisites: MATH 1128 and either PHYS 1111 or PHYS 2211. Study of the principles of statics in both two and three dimensions. Equilibrium laws are applied to structures and machines; beam diagrams, centroids, moments of area and friction are also studied. Offered: F, Sp

ENGR 2006 Engineering Dynamics 3 - 3 - 4
Prerequisites: PHYS 2211 or PHYS 1111. Study of kinematics and kinetics of rigid bodies in plane motion and in space. Offered: F, Su

ENGR 2125 Introduction to Signal Processing 3 - 3 - 4
Prerequisites: ENGR 1020, MATH 1128 and PHYS 2111. Corequisite: CSCI 1301. Introduction to signal processing for discrete-time signals; filtering, frequency response. Fourier transform, Z-transform. The laboratory emphasizes computer-based signal processing.

ENGR 2140 Circuit Analysis 3 - 0 - 3
Prerequisites: ENGR 2125, PHYS 2212. Corequisite: MATH 2209. Basic concepts of DC and AC circuit theory and analysis.

ENGR 2300 Principles of Engineering Economy 3 - 0 - 3
Prerequisites: Sophomore standing or departmental consent. Study of the techniques and principles of economic analysis of engineering projects, including equipment selection, operation cost, depreciation, and replacement analysis. Offered: F

ENGR 2500 Surveying and Geomatics 3 - 3 - 4
Prerequisites: MATH 1112 (with a grade of C or Better) or departmental consent. Study of the theory and practice of surveying and spatial data collection, using both the traditional and modern methods of surveying including current technology, traditional surveying equipment, computer applications, and an introduction to the global positioning system technology.

ENGR 2501 Plane Surveying 2 - 3 - 3
Prerequisites: ENGR 1500 or MATH 1112 (with grade of C or better) or departmental consent. Study of the theory and practice of plane surveying using the traditional methods of surveying, including pacing, taping, and the use of the compass, transit, and level. Study of the proper care and use of surveying instruments. Offered: Sp

ENGR 2502 Advanced Surveying 2 - 2 - 3
Prerequisites: ENGR 2501 or departmental consent. Study of the principles of field astronomy and route surveying, advanced surveying methods and calculations, and an introduction to surveying practice and surveying law. Offered: F

ENGR 2503 Surveying Laws 3 - 0 - 3
Prerequisites: Departmental consent. Study of the legal aspects of surveying, including boundary law and the surveyor's rights and responsibilities, with particular emphasis on surveying practice in Georgia. Offered: Su

ENGR 2504 Hydrology for Surveyors 3 - 0 - 3
Prerequisites: ENGR 1504, ENGR 2501 or departmental consent. Introduction to the hydrologic analysis and design theory, drainage area studies, and storm sewer and culvert design. Offered: Su

ENGR 2505 Computer Applications for Hydraulics and Hydrology 3 – 0 – 3
Prerequisite: ENGR 2504. A review of the theories of hydraulics engineering, with particular emphasis on applications in hydrology. Existing computer applications software will be used to solve problems and design hydraulic systems.

ENGR 2506 Drainage and Erosion Control 3 – 0 – 3
Prerequisite: ENGR 2504. Principles and practices of drainage design including drainage structures, and erosion and sediment control measures, with particular emphasis on governmental publications and regulations.

ENGR 2507 Sanitary Sewer Design 3 – 0 – 3
Prerequisite: ENGR 2504. The application of hydraulic principles as applied to the design and analysis of sanitary sewer collection systems. Existing computer applications will be utilized.

ENGR 2508 Water Distribution Systems 3 – 0 – 3
Prerequisite: ENGR 2504. The application of hydraulic principles as applied to the design and analysis of water distribution systems. Existing computer applications will be utilized.

ENGR 2510 Computer Applications in Surveying 1 - 4 - 3
Prerequisites: ENGR 2501 or departmental consent. Study of the use of hand-held and personal computers, with particular emphasis on surveying applications. Offered: I

ENGR 2511 Route Surveying 2 - 2 - 3
Prerequisites: ENGR 2501 or departmental consent. Study of the principles and techniques of route surveying, including horizontal and vertical curves and earthwork computations. Offered: I

ENGR 2512 Land Surveying Practice 2 - 2 - 3
Prerequisites: ENGR 2501 or departmental consent. Study of the theory and practice of land surveying, including deeds, United States and Georgia systems of land

subdivision, state plane coordinate systems, plat preparation, and an introduction to surveying law. Offered: I

ENGR 2513 Topographic Surveying 2 - 2 - 3
Prerequisites: ENGR 2501 or departmental consent. Study of the theory and applications of surveying for topographic mapping, including map projections, interpretation of topographic maps, and the use of the plane table. Offered: I

ENGR 2515 Photogrammetry 3 - 0 - 3
Prerequisites: ENGR 2501. The interpretation of maps and aerial photographs, and preparation of maps, charts, and mosaics from aerial photographs. Offered: I

ENGR 2516 Geographic Information Systems (GIS) 3 – 0 – 3
Prerequisite: ENGR 2501. The study of the principles of Geographic Information Systems and GIS problem solving applications, as well as establishing an understanding of GIS software and GIS hardware requirements for spatial data applications.

ENGR 2517 Introduction to Global Positioning System (GPS) 3 – 0 – 3
Prerequisite: ENGR 2501. The study of underlying GPS positional measurement theories as well as establishing an understanding of GPS system measurement methodologies and related measurement techniques.

ENGR 2520 Error Analysis in Surveying 3 – 0 – 3
Prerequisites: ENGR 2502 and MATH 2000 or equivalent, or permission of instructor. A study of error analysis utilizing mathematical and statistical techniques, to include error propagation and least squares methods.

ENGR 2521 Survey Drafting Applications 3 - 0 - 3
Prerequisites: ENGR 1521 and ENGR 2501. The study of drafting skills needed for the practice of surveying, with particular emphasis on computer-aided drafting. Offered: I

ENGR 2541 Surveying Laboratory I 0 – 2 – 1
Prerequisite or corequisite: ENGR 2501. The practical application of traditional surveying instruments, including the compass, steel tape, level, and transit. Students will attend the laboratory portion of the course on weekends.

ENGR 2542 Surveying Laboratory II 0 – 2 – 1
Prerequisite or corequisite: ENGR 2502. The practical application of modern surveying equipment, including but not limited to the total station and GPS equipment. Students will attend the laboratory portion of the course on weekends.

ENGR 2544 Hydraulics Laboratory 0 – 2 – 1
Prerequisite or corequisite: ENGR 2504 or ENGR 2505. Practical application of hydraulics theory and laboratory experiments with problems in liquid flow. Students will attend the laboratory portion of the course on weekends.

ENGLISH (ENGL)

ENGL 0097 Learning Support English I 3 - 0 - 3*
Study of the precomposition basics for the student who has not mastered them. A progression through parts of speech, basic grammatical and sentence knowledge, and sentence and paragraph writing. Required for those who do not enter with satisfactory SAT, ACT and/or CPE/COMPASS scores. If required, successful completion of the course is a prerequisite for ENGL 0099. Offered: F, Sp, Su
**Institutional Credit*

ENGL 0099 Learning Support English II 3 - 0 - 3*
Review of grammatical concepts, sentence structure, punctuation, and basic essay writing techniques. To exit, one must successfully meet all requirements for the course, pass an exit essay, and score 75 or higher on the CPE or 60 or higher on COMPASS. Offered: F, Sp, Su
**Institutional Credit*

ENGL 1101 Composition I 2 - 1 - 3
Prerequisites: Satisfactory placement test score or successful completion of ENGL 0099 and READ 0099. An introduction to skills required for effective writing in a variety of contexts with emphasis on exposition, analysis, and argumentation. Includes introductory use of a variety of research skills. A final average of C or higher is required for entry into ENGL 1102. Offered: F, Sp, Su

ENGL 1102 Composition II 3 - 0 - 3
Prerequisites: ENGL 1101 with a grade of C or higher. A literature-based composition course that focuses on developing writing skills beyond the levels of proficiency required by ENGL 1101. Emphasis on interpretation and evaluation; incorporation of a variety of more advanced research methods. A final average of C or higher is required to exit ENGL 1102. Offered: F, Sp, Su

ENGL 2111 World Literature I 3 - 0 – 3
Co-requisite ENGL 1101. Prerequisite ENGL 1101 with a grade of C or higher. Introduction to world literature from its beginning through the 17th century. Offered: **

ENGL 2112 World Literature II 3 - 0 – 3
Co-requisite ENGL 1101. Prerequisite ENGL 1101 with a grade of C or higher. Introduction to world literature from the 18th century to the present. Offered: **

ENGL 2121 British Literature I 3 - 0 – 3
Co-requisite ENGL 1101. Prerequisite ENGL 1101 with a grade of C or higher. Introduction to British literature from its beginning through the 18th century. Offered: **

***Literature is offered F and Sp and generally includes World, British, and American. Summer semester, at least one literature will be offered.*

ENGL 2122 British Literature II 3 - 0 - 3
Co-requisite ENGL 1101. Prerequisite ENGL 1101 with a grade of C or higher. Introduction to British literature from the 19th century to the present. Offered: **

ENGL 2131 American Literature I 3 - 0 - 3
Co-requisite ENGL 1101. Prerequisite ENGL 1101 with a grade of C or higher. Introduction to American literature from its beginning to the Civil War. Offered: **

ENGL 2132 American Literature II 3 - 0 - 3
Co-requisite ENGL 1101. Prerequisite ENGL 1101 with a grade of C or higher. Introduction to American literature from the Civil War to the present. Offered: **

ENGL 2207 Creative Writing 3 - 0 - 3
Study of the craft and skill of major literary genres, with particular emphasis on fiction and poetry writing. Reading, presenting, and critiquing each other's work. Also, publication procedures. Offered: F

ENGL 2208 Technical Communication 3 - 0 - 3
Introduction to technical writing including memoranda, formal reports, and proposals. Oral presentation and hypermedia production. Offered: Sp

ENGL 2210-2265 Special Topics in Literature 3 - 0 – 3
Co-requisite ENGL 1101. Prerequisite ENGL 1101 with a grade of C or higher. Focus on a specific theme, culture, or genre. Topics will be announced when the course is offered. May be repeated for credit. Offered: I

FLIGHT TECHNOLOGY - AIRPLANE

FTPT 1000 Aviation Regulations 3 – 0 - 3
Provides a study of state, federal and international regulation of the aviation industry. Emphasis is placed on the historical and legislative aspects as key to the development and control of the aviation industry. Topics include: history of aviation regulation; aviation regulation formation process; public input to aviation regulation; enforcement/waivers/ exemption process for aviation regulation; current application of state, federal, and international aviation regulations; and responsibilities of the International Civil Aviation Organization (ICAO).

FTPT 1020 Flight Navigation 3 – 0 - 3
Introduces flight navigation. Topics include: aircraft instruments and instrument systems, aircraft performance, navigational terminology and information sources, solving navigational problems, electronic navigational aids, and special problems in flight navigation. Emphasis is placed on cross-country flight operations.

***Literature is offered F and Sp and generally includes World, British, and American. Summer semester, at least one literature will be offered.*

FTPT 1040 Aviation Meterology 3 – 0 - 3
Surveys the concepts and processes of atmospheric phenomena and their relationship to flight. Topics include: thermal patterns, atmospheric moisture, horizontal and vertical pressure patterns, clouds, atmospheric circulation, and weather data.

FTPT 1060 Aerodynamics 2 – 0 - 2
Provides a study of basic aerodynamics and its relationship to the functional design of aircraft. Topics include: incompressible flow airfoil theory, wing theory, calculation of drag and stall speed, basic aircraft performance criteria, aircraft configuration changes, high and low speed conditions, special flight conditions, and introduction to compressible flow.

FTPT 1110 Flight Instruction Methods I 3 – 0 - 3
Prerequisite: FTPT 1170, FTPT 1320. Provides for the scientific inquiry of the aviation instructional process. Emphasis is placed on the systematic design of instructional activities related to the aviation field. Topics include: communication process, time management, instructional skills, human resources, the learning process, creating realistic learning situations, instructional problem solving, and evaluation and revision of instructional programs.

FTPT 1160 Fundamentals of Private Pilot Flight Operations 3 – 0 - 3
Introduces the student to the field of private pilot flight operations. Emphasis is placed on gaining the necessary knowledge to become an FAA Private Pilot – Airplane. Course prepares student to successfully complete FAA Private Pilot Written Examination. Topics include: fundamentals of flight, airplane systems, basic aerodynamic principles, flight communications, basic weather theory, airplane performance, basic navigation/cross-country planning, and aviation physiology.

FTPT 1170 Private Pilot Flight Operations 1 – 3 - 1
Prerequisite/Corequisite: FTPT 1160. Introduces the field of flying operations. Emphasis is placed on gaining the necessary knowledge and performance skills to qualify for the FAA Private Pilot Certificate with Single-Engine Land Class rating. Topics include: preflight preparation and procedures; airport operations, takeoffs, landings, and go-arounds; performance maneuvers and ground reference maneuver; navigation; slow flight and stalls; and basic instrument maneuvers and emergency operations.

FTPT 1310 Fundamentals of Instrument Pilot Flight Operations 3 – 0 - 3
Prerequisites: FTPT 1020. Introduces the student to instrument flight systems and the instrument flight environment. Examines the principles of attitude instrument flying and instrument navigation. Offers insight into air traffic control services and clearances, departure, enroute, and arrival charts and procedures, holding and approach procedures, instrument flight rules – emergencies, and weather factors/hazards. Prepares the student to successfully complete the FAA Instrument Rating written examination.

FTPT 1320 Instrument Pilot Flight Operations 2.5 – 1 - 1
Prerequisite/Corequisite: FTPT 1170, FTPT 1310. Flight operations associated with Instrument Flight Rules environment. Emphasis is placed on perfecting skills and techniques of flight in various weather conditions necessary to qualify for the FAA Instrument Rating. Topics include: preflight preparation and procedures, air traffic control clearances and procedures, flight by reference to instruments, navigation systems and instrument approach procedures, and emergency operations and postflight procedures.

FTPT 1410 Fundamentals of Commercial Pilot Flight Operations 3 – 0 - 3
Prerequisite: FTPT 1170, FTPT 1320. Introduces the student to the field of commercial pilot flight operations. Topics include high performance powerplants, environmental and ice control systems; retractable landing gear, predicting airplane performance, and controlling weight and balance; emergency procedures and commercial decision making; maximum performance takeoff and landing procedures/commercial flight maneuver procedures. Emphasis is placed on gaining the necessary knowledge to become a FAA Commercial Pilot. Course prepares student to successfully complete the FAA Commercial Pilot written examination.

FTPT 1420 Commercial Pilot Flight Operations I 0.5 – 4 - 1
Prerequisite/Corequisite: FTPT 1170, FTPT 1320, FTPT 1020. Begins the flight training study of the field of commercial pilot flight operations. Topics include: preflight preparation and procedures and airport operations; takeoffs, landings, and go-arounds and commercial performance maneuvers; ground reference maneuvers, navigation, slow flight and stalls; emergency operations, high altitude operations, and post flight procedures. Emphasis is placed on gaining the necessary knowledge and performance skills to progress toward the FAA Commercial Pilot Certificate.

FTPT 1430 Commercial Pilot Flight Operations II 3.5 – 3 - 2
Prerequisite: FTPT 1170, FTPT 1320, FTPT 1410, FTPT 1420. Completes the student's instruction in commercial pilot flight operations. Topics include: Emphasis is placed on developing the flying skills, which will qualify the student for the FAA Commercial Pilot Certificate.

FTPT 2110 Flight Instruction Methods II 2.5 – 1 - 3
Prerequisites/Corequisite: FTPT 1110. Provides a study of the instructional process related to development of aeronautical skills. Emphasis is placed on acquiring the teaching skills necessary to apply for an FAA Flight Instructor Certificate. Topics include: FAA flight instructor certificate requirements, flight instruction techniques, documentation of flight instruction, flight training practice teaching, and application of practical test standards.

FTPT 2200 Flight Instructor Certification 2 – 1 – 2
Prerequisites: FTPT 1430, FTPT 2110. This course provides training in analysis and performance of all maneuvers required for private and commercial pilot certification from the right seat of a training airplane. The student will also acquire the instructional knowledge of the elements of each required maneuver and procedure including the recognition, analysis, and correction of common student

errors. Topics include: right seat flying proficiency, fundamentals of analyzing and performing essential flight maneuvers, instructional knowledge of elements of each required maneuver and procedure of common student errors. Emphasis is placed on developing the flight instruction skills, which qualify the student for the FAA Flight Instructor Certificate.

FTPT 2230 Fundamentals of Commercial Pilot Multi-engine Flight Operations 0.5 – 0 - 1

Prerequisites: FTPT 1320, FTPT 1430. Introduces the student to the field of commercial multi-engine flight operations. Topics include: multi-engine aircraft performance, multi-engine aircraft aerodynamics, one engine operations, emergency procedures, instrument procedures, commercial pilot decision making and crew resource management. Emphasis is placed on gaining the necessary knowledge to obtain the multi-engine add-on rating to the student's Commercial Pilot Certificate.

FTPT 2240 Commercial Pilot Multi-engine Flight Operations 2 – 1 - 1

Prerequisite/Corequisite: FTPT 1430, FTPT 2230. This course provides instruction in multi-engine aircraft ground and flight operations. Topics include: multi-engine operations and systems, weight and balance and performance charts, engine out operations, and multi-engine instrument flying. Emphasis is placed on developing the flying skills which will qualify the student for the FAA additional aircraft class rating for Airplane Multi-Engine Land.

FTPT 2250 Fundamentals of Business Aircraft Systems and Operations 3 – 0 - 3

Prerequisite/Corequisite: FTPT 1000, FTPT 1020, FTPT 1040, FTPT 1310, FTPT 1320, FTPT 1410, FTPT 1420, FTPT 1430, FTPT 2230, FTPT 2240, FTPT 2260, FTPT 2270. Introduces the student to the field of business/corporate flight operations. Emphasis is placed on the necessary knowledge to become qualified as Pilot in Command (PIC) in the Cessna 402 and Raytheon King Air C-90 aircraft. Topics include: Aircraft systems, cockpit resource management, global positioning systems, radar systems, advanced flight planning and mission management.

FTPT 2260 Advanced Business Aircraft Systems and Operations 3 – 0 - 3

Prerequisite/Corequisite: FTPT 1000, FTPT 1020, FTPT 1040, FTPT 1310, FTPT 1320 FTPT 1410, FTPT 1420, FTPT 1430, FTPT 2230, FTPT 2240, FTPT2250, FTPT 2260. Continues to develop the student in the field of business and corporate aviation. Emphasis is placed on skills needed to be successful as a corporate, cabin class aircraft pilot. This course includes the ground school portion of a Second in Command (SIC) checkout in the Cessna Citation 501 aircraft. Topics include: Business jet aircraft systems and performance, cockpit resource management, global positioning systems, radar systems, flight planning, and mission management in the Cessna Citation aircraft; and Federal Aviation Regulation Part 135, Commuter and on demand operations.

FTPT 2270 Business Aircraft Flight Operations 2 – 2 - 2

Prerequisite/Corequisite: FTPT 1000, FTPT 1020, FTPT 1040, FTPT 1310, FTPT 1320, FTPT 1410, FTPT 1420, FTPT 1430, FTPT 2230, FTPT 2240, FTPT 2250, FTPT 2260. This course provides instruction in business class aircraft and flight training

devices (FTD) to qualify commercial, instrument, multi-engine pilots to safely and efficiently operate business/corporate aircraft. The training program will be conducted over a number of flights. All flights will be completed with a two-person crew. One student will assume the role of captain while the other student acts as a copilot. The airplane Pilot Operating Handbooks (POH) or Approved Airplane Flight Manuals (AFM) will be used to operate the aircraft /FTD in normal and emergency conditions.

FLIGHT TECHNOLOGY – ROTORCRAFT HELICOPTER

FTHT 1080 Fundamentals of Helicopter Flight Operations 3 – 0 - 3
Introduces the student to the field of private pilot flight operations. Emphasis is placed on gaining the necessary knowledge to become a FAA Private Pilot Helicopter. Course prepares the student to successfully complete the FAA Private Pilot written examination.

FTHT 1100 Introduction to Helicopter Flight Operations 3 – 0 - 1
Corequisite: FTHT 1080. Introduces the field of flight operations. Emphasis is placed on gaining the necessary knowledge and performance skills to qualify for the FAA Private Pilot Certificate with rotorcraft category and helicopter class rating. Course prepares student to successfully complete the FAA Practical Flight Test.

FTHT 2070 Fundamentals of Commercial Pilot Helicopter Flight Operations 3 – 0 - 3
Prerequisite: FTHT 1100. Introduces the student to the field of commercial pilot flight operations. Emphasis is placed on gaining the necessary knowledge to become a FAA Commercial Pilot, rotorcraft category, helicopter class. Course prepares the student to successfully complete the FAA Commercial Pilot written examination.

FTHT 2080 Commercial Pilot Helicopter Flight Operations I 2 – 0 - 1
Begins the study of the field of commercial pilot flight operations. Emphasis is placed on gaining the necessary knowledge and performance skills to qualify for the FAA Commercial Pilot Certificate rotorcraft category, helicopter class rating. Course begins to prepare student for completion of the FAA Commercial Pilot practical flight test.

FTHT 2090 Commercial Pilot Helicopter Flight Operations II 3 – 0 - 2
Continues the students instruction in Commercial Pilot flight operations. Emphasis is placed on developing the flying skills which will qualify the student for the FAA Commercial Pilot Certificate, rotorcraft, helicopter rating. Course continues to prepare the student for the FAA Commercial Pilot practical flight test.

FTHT 2100 Commercial Pilot Helicopter Flight Operations III **2 – 0 - 1**

Prerequisite: FTHT 2090. Completes students instruction in Commercial Pilot flight operations. Emphasis is placed on developing the flying skills which will qualify the student for the FAA Commercial Pilot Certificate with rotorcraft, helicopter rating. Course finishes preparation of the student for successful completion of the FAA Commercial Pilot practical flight test.

FTHT 2200 Certified Flight Instructor Helicopter Flight Operations **2 – 0 - 2**

Prerequisite: FTHT 2100. This course provides training in analysis and performance of all maneuvers required for teaching private and commercial pilot certification from the left seat of a training helicopter. The student will also acquire the instructional knowledge of the elements of each required maneuver and procedure including the recognition, analysis, and correction of common student errors. Emphasis is placed on developing the flight instruction skills which qualify the student for the FAA Instructor Certificate rotorcraft, helicopter. Course prepares student for successful completion of the FAA Certificated Flight Instructor practical flight test.

FRENCH (FREN)

FREN 1001 Elementary French **3 - 0 - 3**

Study of beginning French which covers the essentials of French grammar/culture. Aural/oral emphasis employing multimedia. Required use of computer lab. Offered: F

FREN 1002 Elementary French **3 - 0 - 3**

Prerequisites: FREN 1001 with a grade of C or higher, or permission of the instructor. Continuation of FREN 1001 which addresses further essentials of French grammar and culture. Aural/oral emphasis employing multimedia. Required use of computer lab. Offered: Sp

FREN 2001 Intermediate French **3 - 0 - 3**

Prerequisites: FREN 1002 with a grade of C or higher, or permission of the instructor. Continuation of FREN 1002 which introduces new grammatical forms while providing an in-depth review of those learned in FREN 1001 and 1002. Introduction to idioms and continued study of French culture. Aural/oral emphasis employing multimedia. Required use of computer lab. Offered: F, Su

FREN 2002 Intermediate French **3 - 0 - 3**

Prerequisites: FREN 2001 with a grade of C or higher, or permission of the instructor. Continuation of FREN 2001 with an emphasis on reading and writing in French. Continued study of French culture. Use of multimedia. Required use of computer lab. Offered: I

GEOLOGY (GEOL)

GEOL 1125 Physical Geology 3 - 3 - 4
Prerequisites: MATH 0097 and READ 0099. Study of the lithosphere including rock and mineral identification, plate tectonics, ground water, stream systems, and introduction to maps. Offered: F, Sp, Su

GEOL 1126 Historical Geology 3 - 3 - 4
Prerequisites: GEOL 1125. Survey of Earth history with an emphasis on research methods. Geologic time, geologic histories, correlation, geologic mapping and fossils are emphasized. Offered: F, Sp, Su

GEOL 1130 Introduction to Georgia Geology 1 - 9 - 4
Prerequisites: ENGL 0099, MATH 0099, READ 0099 and departmental consent. A field study designed to expand a student's knowledge and appreciation of geology by experiencing the widely diverse aspects of Georgia geologic provinces. Some classroom and extensive field work including two overnight trips will be required. Some field gear is required. Offered: Designed for the mini semester)

GERMAN (GRMN)

GRMN 1001 Elementary German 3 - 0 - 3
Prerequisites: None. Study of beginning German which covers the essentials of German grammar and culture. Training of the four language skills (listening, speaking, reading, writing) with an emphasis on aural/oral communication. Use of multimedia language training. Required use of computer lab. Offered: F, Sp

GRMN 1002 Elementary German 3 - 0 - 3
Prerequisites: GRMN 1001 with a grade of C or higher, or permission of the instructor. Continuation of GRMN 1001 which addresses further essentials of German language/culture. Aural/oral emphasis employing multimedia. Required use of computer lab. Offered: F, Sp

GRMN 2001 Intermediate German 3 - 0 - 3
Prerequisites: GRMN 1002 with a grade of C or higher, or permission of the instructor. Continuation of GRMN 1002 which introduces new grammatical forms while providing an in-depth review of those learned in GRMN 1001 and 1002. Introduction of idioms and continued study of German culture. Aural/oral emphasis employing multimedia. Required use of computer lab. Offered: F, Su

GRMN 2002 Intermediate German 3 - 0 - 3
Prerequisites: GRMN 2001 with a grade of C or higher, or permission of the instructor. Continuation of GRMN 2001 with an emphasis on reading and writing in German. Continued study of German culture. Use of multimedia. Required use of computer lab. Offered: I

HEALTH (HLTH)

HLTH 1101 Health 2 - 0 - 2
Prerequisites: None. Study of mental and emotional health, cardiovascular disorders, human reproduction, sexually transmitted diseases, drugs, and principles of physical fitness, nutrition and weight management. Offered: F, Sp, Su

HISTORY (HIST)

HIST 1011 World Civilization 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Survey of World History to the post-classical period (1500 A.D.) Offered: F, Sp, Su

HIST 1012 World Civilization II 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Survey of World History from the post-classical to early modern times (1500 A.D. to 1815 A.D.) Offered: F, Sp

HIST 1013 World Civilization III 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Survey of World History from early modern times to the present (since 1815 A.D.). Major emphasis on the expansion of European civilization and the growing interaction of East and West. Offered: F, Sp, Su

HIST 1107 Environmental History 2 - 0 - 2
Prerequisites: READ 0099 and ENGL 0099. Study of the range of mankind's interactions with the physical environment. Analysis of how nature provides for and circumscribes human actions and how people's activities modify the ecosystems they inhabit. Interdisciplinary in nature, drawing its insights from history, geography, anthropology, the natural sciences, and other disciplines. Offered: I

HIST 2100 Introduction to Local/Georgia History 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Survey of local and Georgia history set within the broader context of United States history. Satisfies the U.S. and Georgia History legislative requirements. **HIST 2100, 2111 or 2112 gives exemption from the United States and Georgia history examinations as required by the General Assembly of the State of Georgia*. Offered: F, Sp

HIST 2111 United States History I 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. Survey of U.S. History to the post-Civil War period (from the Age of Discovery through the Civil War.) Emphasis on Georgia and the South in the making of the nation. **HIST 2100, 2111 or 2112 gives exemption from the United States and Georgia history examinations as required by the General Assembly of the State of Georgia*. Offered: F, Sp, Su

HIST 2112 United States History II 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099. (From the end of the Civil War to the present with emphasis upon the later period.) Emphasis on Georgia and the South in the maturing of the nation. **HIST 2100, 2111 or 2112 gives exemption from the*

United States and Georgia history examinations as required by the General Assembly of the State of Georgia. Offered: F, Sp, Su

HIST 2211-2230 Special Topics in History 3 - 0 - 3
Prerequisites: READ 0099 and ENGL 0099 and one course in HIST 1011, 1012, 1013, 2111, 2112. Exploration of topics of interest to the instructor and students. These topics will often give the background for current issues. Offered: I

HUMANITIES (HUMN)

HUMN 2201 Humanities I 3 - 0 - 3
Prerequisites: None. Introduction to the art, drama, literature, and music from the Ancient World through the Renaissance. Offered: F, Sp

HUMN 2202 Humanities II 3 - 0 - 3
Prerequisites: None. Introduction to the art, drama, literature, and music from the Reformation through the Contemporary Period. Offered: F, Sp

HUMN 2210-2255 Special Topics in Humanities 3 – 0 – 3
Focus on a specific theme, culture, or genre as seen through art, drama, music, and literature. Topics will be announced when the course is offered. May be repreated for credit. Offered: I

INTEGRATED SCIENCE (ISCI)

ISCI 2001 Life/Earth Science 2 – 2 - 3
Prerequisites: Satisfactory completion of all Learning Support requirements. This course is an Area F science course for Early Childhood Education majors. The goal is to develop a basic understanding of the scientific principles and major concepts of life and earth sciences. The course is activity-based involving problem solving and cooperative learning with no separate lab component.

ISCI 2002 Physical Science 2 – 2 - 3
Prerequisites: Satisfactory completion of all Learning Support requirements. This course is an Area F science course for Early Childhood Education majors. The goal is to develop a basic understanding of the scientific principles and major concepts of the physical sciences and astronomy. The course is activity-based involving problem solving and cooperative learning with no separate lab component.

INTERDISCIPLINARY STUDIES (INDS)

INDS 1001 Intercultural Communication 2 - 0 - 2
Prerequisites: Some previous foreign-language study recommended. Introduction to a variety of cultural value systems. Strongly recommended for students interested in business, health-professions, and international travel. Offered: I

INDS 1011 Contemporary Cultural Studies 2 - 0 - 2
Prerequisites: None. Discussion of the contributions made by various cultures on contemporary media, and assesses the wider cultural implications of the increased flow of capital, commodities, information, and people circulating the globe. Offered: I

INDS 1111 Biology and Politics 2 – 0 – 2
Prerequisites: READ 0099, ENGL 0099. To introduce students to thinking critically and analyzing trends affecting the future. Survey of future studies accenting social, economic, technological, and political trends and how those trends can be analyzed to forecast future actions. Emphasis will be on team projects and interdisciplinary topics.

JOURNALISM (JOUR)

JOUR 1101 Introduction to Mass Communications 3 - 0 - 3
Prerequisites: None. Survey of the mass communications field, including the various media, history, current trends, ethics, and education. Offered: F

MANAGING GOALS AND CAREERS (MGCS)

MGCS 1101 Managing Goals and Careers for Success 2 - 0 - 2
Prerequisites: None. An Introduction to College course created to assist students through the transition to college life and to offer them the necessary tools to succeed academically and socially. Practice in active learning strategies, small group discussions, writing assignments and outside work. Exploration of values, goals, career choice, and academic skills while learning about the policies of Middle Georgia College. Required of all students unless exempted. One may exempt by having a freshman index greater than 1870 with a college prep seal (no deficiencies) or have a 2.5 GPA after earning 15 semester credits. Offered: F, Sp

MATHEMATICS (MATH)

MATH 0097 Learning Support Math (Foundations of Algebra I) 3 - 0 - 3*
Prerequisites: None. Course for students who do not enter with satisfactory SAT, ACT and/or CPE/COMPASS scores. The course provides instruction in real numbers and variable expressions, first-degree equations and inequalities, linear equations and inequalities in two variables, systems of linear equations and inequalities, and polynomials. If required, the successful completion of the course is a prerequisite of Foundations of Algebra II. *Institutional Credit Offered: F, Sp, Su
**Institutional Credit*

MATH 0099 Learning Support Math (Foundations of Algebra II) 3 - 0 - 3*
Prerequisites: None. Course for students who do not enter with satisfactory SAT, ACT and/or CPE/COMPASS scores. The course provides instruction in factoring,

rational expressions, rational exponents and radicals, and quadratic equations. If required, the successful completion of the course is prerequisite to all other mathematics courses. To exit a student must successfully meet all requirements for the course and score 79 on the CPE or 37 on COMPASS. Offered: F, Sp, Su
**Institutional Credit.*

MATH 1111 College Algebra 3 - 0 - 3
Prerequisites: Two units of high school algebra and one unit in plane geometry, or MATH 0099. Linear and nonlinear equations and inequalities, graphing linear equations and inequalities in two variables, functions and related curves, solving and graphing exponential and logarithmic functions. Offered: F, Sp, Su

MATH 1112 Plane Trigonometry 3 - 0 - 3
Co-requisite or Prerequisite: MATH 1111 with a grade of C or better, equivalent, or math placement test. Study of angular measure, the trigonometric functions, fundamental identities; reductions, variation and graphs of the trigonometric functions, functions of a composite angle, logarithmic functions, right triangles, oblique triangles, trigonometric identities and equations, inverse trigonometric functions, and polar coordinates. Offered: F, Sp, Su

MATH 1113 Precalculus Mathematics 3 - 2 - 4
Co-requisite or prerequisite: MATH 1112, equivalent, or high school advanced algebra and trigonometry and score of 560 or better on SAT mathematics test, or math placement test, or departmental approval. Study of polynomial, exponential, logarithmic, circular, trigonometric, inverse trigonometric functions and polar coordinate graphing. Offered: F, Sp, Su

MATH 1115 Survey of Calculus 3 - 0 - 3
Prerequisites: Grade of C or better in or exemption from MATH 1111, or departmental approval. Introduction to the mathematical analysis of problems using differential and integral calculus. Offered: F, Sp

MATH 1127 Calculus I 3 - 2 - 4
Prerequisites: Grade of C or better in MATH 1113, or math placement test, or departmental approval. Study of function of one variable, introducing the derivative and the integral. Limits and derivatives. Techniques of integration. Transcendental functions and their inverses. Applications of the definite integral. Applications of the derivative. Offered: F, Sp, Su

MATH 1128 Calculus II 3 - 2 - 4
Prerequisite: Grade of C or better in MATH 1127. Study of integration techniques for proper and improper integrals, L'Hospital's Rule, Taylor's Theorem, sequences and series without convergence tests. Vectors. Vector functions, derivatives, and parametric representation. Offered: F, Sp, Su

MATH 2000 Elementary Statistics 3 - 0 - 3
Prerequisite: Grade of C or better in MATH 1111 or departmental approval. Study of sampling techniques, frequency distributions and graphs, descriptive measures, probability, probability distributions, and sampling distributions. Offered F, Sp, Su

MATH 2031 Math for K-8 Teachers 3 - 0 - 3
Prerequisites: Grade of C or better in MATH 1111. A study of mathematics in the areas of sets, logic numeration systems, real number system including fractions and decimals, and ratio and percent. For Early Childhood and Middle Grade Majors only. Offered: Sp

MATH 2008 Foundations of Numbers & Operations 3 – 0 - 3
Prerequisites: Satisfactory completion of all learning support requirements; MATH 1111 (College Algebra). This course is an Area F introductory mathematics course for Early Childhood Education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics.

MATH 2205 Finite Mathematics 3 - 0 - 3
Prerequisites: Grade of C or better in MATH 1111 or departmental approval. Study of elements of mathematical logic, set theory, permutations, and combinations, probability, linear programming, and matrices. Offered: I

MATH 2207 Calculus III 3 - 0 - 3
Prerequisites: Grade of C or better in MATH 1128. Study of multidimensional integral calculus. Optimization, Lagrange multipliers, multiple integration with change of variable using Jacobian, surface and line integrals, vector analysis, and theorems of Green and Stokes. Offered: F, Sp

MATH 2208 Linear Algebra 3 - 0 - 3
Corequisites: MATH 1128. Study of systems of linear equations, matrices, determinants, linear transformations, Newton's method for systems, vector spaces, least squares, and eigenvectors and eigenvalues. Offered: F, Sp

MATH 2209 Differential Equations 4 - 0 - 4
Prerequisites: Grade of C or better in MATH 1128. Study of physical origins of differential equations, numerical methods and direction fields, second order equations and applications, first order linear systems, second order linear systems, nonlinear systems, Laplace transforms, series methods, and systems of linear differential equations. Offered: Sp

MUSIC (MUSI)

MUSI 1101, 1102, 1201, 1202 Middle Georgia Choral Union 0 - 1 - 1
Prerequisites: None. Course open to all MGC students, faculty, staff, and persons living in all area communities. No audition. Music from all styles and periods. Offered: F, Sp

MUSI 1103 Music Appreciation 3 - 0 - 3
Prerequisites: None. Investigation of major periods of music, a sampling of the great music from each period, a knowledge of the basic forms of music construction, and discussion of the historical and social backgrounds of each period. Open to all

interested students; prior knowledge of music, music skills, and performance abilities not necessary. Offered: F, Sp

MUSI 1104 Aural Skills I 0 - 3 - 1
Prerequisites: None. Development of aural skills and sight-singing skills to parallel the work in MUSI 1106. Emphasizes sight-singing diatonic melodies, execution basic rhythmic patterns, training the ear to hear major and minor tonalities, and correctly identifying melodic and harmonic intervals. Lab work involves computer assisted instruction. Required for music majors. Offered: F

MUSI 1105 Aural Skills II 0 - 3 - 1
Prerequisites: None. Continuation of Aural Skills I (MUSI 1104) to parallel the work in MUSI 1107. Emphasizes continued development of rhythm skills, training the ear to hear functional harmonic progressions, and continued development of sight-singing skills. Lab work involves computer assisted instruction. Required for Music Majors. Offered: Sp

MUSI 1106 Elementary Music Theory 3 - 0 - 3
Prerequisites: None. Review of the fundamentals of music: note values, scales, key signatures, meter, intervals, primary triads, and dominant seventh chords. Sight-singing, ear-training, and keyboard skills. Offered: F, Sp

MUSI 1107 Elementary Music Theory II 1 - 2 - 2
Prerequisites: Grade of C or better in MUSI 1106 or permission of the instructor. Study of chords in inversion, melodic form, secondary triads, diatonic seventh chords, non-chord tones, and modulation to closely related keys. Sight-singing, ear-training, and keyboard skills. Offered: F, Sp

MUSI 1108, 2108 Pep Band 1 - 0 - 1
Prerequisites: None. Group to provide spirit music for school athletic functions. May be taken a maximum of two times for credit. Open to qualified students with the permission of the instructor. Offered: Sp

MUSI 1111, 1112, 2211, 2212 ENCORE Singers 0 - 2 - 1
Prerequisites: None. Training for small, selected group of singers who present major productions on and off campus. Membership by audition only. Offered: F, Sp

MUSI 1137, 1138 Class Piano 0 - 1/2 - 1
Prerequisites: None. Introduction for the beginner to the keyboard and to the fundamentals of music in a laboratory setting. Applied music fee required for each semester. Offered: F, Sp

MUSI 1154, 1190, 2154, 2190 Concert Band 0 - 2 - 1
Prerequisites: None. Rehearsal and performance of standard concert and symphonic band literature. One required concert with possible other performances during the semester. Offered: Sp

MUSI 1155, 1160, 2155, 2160 Jazz Ensemble **0 - 2 - 1**
Prerequisites: None. Admission by audition. The introduction, study, and performance of significant jazz literature. Offered: F, Sp

MUSI 1156, 1161, 2156, 2161 Brass Ensemble **0 - 2 - 1**
Prerequisites: None. The Introduction, study, and performance of specific brass ensemble literature. Offered: F, Sp

MUSI 1157, 1162, 2157, 2162 Percussion Ensemble **0 - 2 - 1**
Prerequisites: None. The introduction, study, and performance of specific percussion ensemble literature. Offered: F, Sp

MUSI 1158, 1163, 2158, 2163 Woodwind Ensemble **0 - 2 - 1**
Prerequisites: None. The introduction, study, and performance of specific woodwind ensemble literature. Offered: F, Sp

MUSI 2204 Aural Skills III **0 - 3 - 1**
Prerequisites: None. Continuation of Aural Skills II (MUSI 1105) to parallel the work in MUSI 2206 (Intermediate Music Theory I). Emphasizes continued development of rhythm skills, training the ear to hear functional harmonic progressions, continued development of sight-singing skills, and introduction to chromatic ear-training and sight-singing exercises. Lab work involves computer assisted instruction. Required for Music Majors. Offered: F

MUSI 2205 Aural Skills IV **0 - 3 - 1**
Prerequisites: None. Continuation of Aural Skills III (MUSI 2205) to parallel the work in MUSI 2207 (Intermediate Music Theory II). Emphasizes continued development of rhythm skills, training the ear to hear functional harmonic progressions (diatonic and chromatic), and continued development of sight-singing skills (diatonic an chromatic). Lab work involves computer assisted instruction. Offered: Sp

MUSI 2206, 2207 Intermediate Music Theory I **1 - 2 - 2**
Prerequisites: Grade of C or better in previous theory course or permission of instructor. Continuation of training in terminology, sight-singing, ear-training, keyboard, and written work with some emphasis on composition. Offered: F, Sp

MUSIC-APPLIED LESSONS (MUSA)

MUSA 1100, 1101, 1102 Applied Piano **0 - 1/2 - 1**
MUSA 1110, 1111, 1112 Applied Voice **0 - 1/2 - 1**
MUSA 1120, 1121, 1122 Applied Brass **0 - 1/2 - 1**
MUSA 1130, 1131, 1132 Applied Woodwind **0 - 1/2 - 1**
MUSA 1140, 1141, 1142 Applied Percussion **0 - 1/2 - 1**
MUSA 1150, 1151, 1152 Applied Guitar **0 - 1/2 - 1**
Prerequisites: None. Instruction for fifteen half-hour lessons per semester. May be taken for credit or audit. Applied music fee required each semester. Offered: F, Sp, Su

MUSA 1103, 1104, 1105 Applied Piano **0 - 1 - 2**
MUSA 1113, 1114, 1115 Applied Voice **0 - 1 - 2**
MUSA 1123, 1124, 1125 Applied Brass **0 - 1 - 2**
MUSA 1133, 1134, 1135 Applied Woodwind **0 - 1 - 2**
MUSA 1143, 1144, 1145 Applied Percussion **0 - 1 - 2**
MUSA 1153, 1154, 1155 Applied Guitar **0 - 1 - 2**
Prerequisites: None. Instruction for fifteen one-hour lessons per semester. May be taken for credit or audit. Applied music fee required each semester. Offered: F, Sp, Su

MUSA 2100, 2101, 2102 Applied Piano **0 - 1/2 – 1**
MUSA 2110, 2111, 2112 Applied Voice **0 - 1/2 - 1**
MUSA 2120, 2121, 2122 Applied Brass **0 - 1/2 - 1**
MUSA 2130, 2131, 2132 Applied Woodwind **0 - 1/2 - 1**
MUSA 2140, 2141, 2142 Applied Percussion **0 - 1/2 - 1**
MUSA 2150, 2151, 2152 Applied Guitar **0 - 1/2 - 1**
Prerequisites: None. Continuation of studies in applied music. Fifteen half-hour lessons per semester. May be taken for credit or audit. Applied music fee required each semester.

MUSA 2103, 2104, 2105 Applied Piano **0 - 1 - 2**
MUSA 2113, 2114, 2115 Applied Voice **0 - 1 - 2**
MUSA 2123, 2124, 2125 Applied Brass **0 - 1 - 2**
MUSA 2133, 2134, 2135 Applied Woodwind **0 - 1 - 2**
MUSA 2143, 2144, 2145 Applied Percussion **0 - 1 - 2**
MUSA 2153, 2154, 2155 Applied Guitar **0 - 1 - 2**
Prerequisites: None. Continuation of studies in applied music. Fifteen one-hour lessons per semester. May be taken for credit or audit. Applied music fee required each semester.

NURSING (NURS)* **
(NURS course credits valid for five (5) years.)*
*(**All nursing courses must be completed within four years of the date of entry into the first nursing course.)*

NURS 1202 Clinical Calculations **2 - 0 - 2**
Prerequisites: Completion of LS. Introduction of metric, apothecary, and household systems of measurement used in the preparation and administration of drugs and solutions; safety and accuracy in dosage calculations for medication administration. Offered: Su

NURS 1203 Pharmacology **2 - 0 - 2**
Prerequisites: NURS 1921. Study of principles of pharmacology, drug classifications, indications, intended effects, six rights of medication administration, patient education, and legal and ethical implications. Offered: Su

NURS 1210 LPN to RN Transitions Course 2 – 0 – 2
Prerequisites: Completion of LS. This course explores the advancement of the professional role of the nurse, transitioning from the level of Licensed Practical Nurse to Registerd Nurse. Emphasis is on the roles of provider of care, manager of care, and member of the disciple of nursing. Foundation concepts of critical thinking, caring, and clinical competence are studied. Students enrolling in this course will receive six credit hours in escrow upon successful completion of this course.

NURS 1711 Introduction to Nursing Concepts 5 - 6 - 7
Prerequisites: BIOL 2114. Corequisites: BIOL 2115, BUSA 1205, ENGL 1101, NURS 1111. Emphasis on the professional role of the nurse and major concepts of nursing, including physiological and psychological integrity, caring for self, safe and effective environment, and the role of the family in health and illness. Offered: F

NURS 1111 Introduction to Nursing Skills 0 - 3 - 1
Corequisites: NURS 1711. Introduction of basic technical skills the nurse will need for providing care to patients in multiple health care settings. Skills are presented and practiced in simulated clinical setting with faculty direction. Focus will be on providing care in a competent and caring manner. Offered: F

NURS 1921 Adult/Child Nursing I 5 – 12 - 9
Prerequisites: NURS 1711, NURS 1111, BIOL 2115, BUSA 1205. Corequisite: PSYC 1101. Focuses on the care of individuals/families with common physiological and psychological and psychosocial alterations in health. Offered: Sp

NURS 2531 Adult/Child Nursing II 4 - 12 - 8
Prerequisites: NURS 1921, PSYC 1101, BIOL 2131. Corequisites: PSYC 2103, MATH 1111. Focuses in Nursing. Care of individuals/families with common physiological problems and individuals/families experiencing childbearing and infancy. Offered: F

NURS 2741 Adult/Child Nursing III 4 - 12 - 8
Prerequisites: Completion of Regents' Test, previous nursing courses, MATH 1111, PSYC 2103. Corequisites: All core courses. Integrating program concepts to provide care for groups of individuals/ families exhibiting complex or less common health problems of respiratory failure, shock, neurological and renal dysfunction, cardiac dysrhythmia or surgery, burns, endocrine disorders, and disasters; includes basic clinical leadership skills for the manager of care role and entry into practice. Offered: Sp

OCCUPATIONAL THERAPY ASSISTANT (OCTA)*
*(*OCTA course credits valid for five (5) years.)*

OCTA 1211 Analysis of Human Movement 1 - 3 - 2
Prerequisites: BIOL 2114. Analysis of human movement focusing on the major joint and muscle movements in daily living tasks and occupations. Skills development

in assessments appropriate for the OTA including functional muscle testing, goniometry, and standardized assessments of coordination. Offered: F

OCTA 1300 Introduction to OTA 2 - 3 - 3
Prerequisites/Corequisites: None. Introduction to the history, philosophy, ethics, definition and organizations of occupational therapy. General overview and specific role delineation of the occupational therapy assistant and the occupational therapist in a variety of health care settings. Emphasis on the relationship between multiculturalism and concepts of health and illness. Emphasis on tolerance for cultural and life-style differences. Offered: F

OCTA 1410 Therapeutic Media 1 - 9 - 4
Prerequisites: OCTA 1300. Skills development in culturally appropriate therapeutic media including needlecraft, sewing, paper and fiber art, ceramics, leathercraft, and woodworking. Introduction to the occupational therapy practice framework's domains and processes. Emphasis on activity analysis and the use of purposeful activity to foster occupational performance in work, self care and leisure. Offered: Sp

OCTA 1421 Psychosocial Practice for the OTA 2 - 7 - 4
Prerequisites: OCTA 1300. Corequisites: PSYC 1101. Study of the role of the OTA in prevention, evaluation, intervention, documentation, and discharge planning for individuals with psychosocial dysfunction. Introduction to psychiatric conditions commonly encountered by the OTA in practice. Skills development in therapeutic communication, data collection, assessment, and treatment techniques appropriate for the OTA. Collaboration with the healthcare team in program planning and implementation is emphasized in Level I fieldwork experiences. Offered: Sp

OCTA 1422 Physical Practice for the OTA 3 - 9 - 6
Prerequisites: OCTA 1300, OCTA 1211, BIOL 2114. Study of the role of the OTA in prevention, evaluation, intervention, documentation, and discharge planning for individuals with physical dysfunction. Introduction to medical conditions and medical terminology commonly encountered by OTAs in practice. Skills development in specific treatment techniques and the grading and adapting of purposeful activities to promote functioning in occupations and their underlying components. Emphasis on occupations based practice and the promotion of health and wellness. Laboratory and Level I fieldwork reinforces the development of these skills. Offered: Sp

OCTA 2323 Pediatric Practice for the OTA 2 - 9 - 5
Prerequisites: OCTA 1300, OCTA 1211, OCTA 1422, PSYC 2103, BIOL 2115. Study of the role of the OTA in prevention, evaluation, intervention, documentation and discharge planning for individuals with developmental dysfunction. Review of developmental milestones and tasks. Introduction to assessments appropriate for administration by the OTA. Emphasis on the family and caregiver role in treatment. Laboratory and Level I fieldwork experiences reinforce development of treatment techniques and skills that focus on age and developmentally and culturally appropriate adaptations for the performance of self care, work/school, and leisure throughout the life span. Offered: F

OCTA 2224 Innovative Practice for the OTA 1 - 5 - 3
Prerequisites: OCTA 1300, OCTA 1211, OCTA 1410, OCTA 1421, OCTA 1422, BIOL 2115. Study of the role of the OTA in innovative areas of practice such as community based services, wellness, and health promotion, adult daycare, and assisted living. Emphasis on the promotion of occupational therapy. Written and oral proposals for OT services in innovative settings are generated by students through research and fieldwork in their areas of interest. Offered: F

OCTA 2110 Adaptive Techniques for OTA 0 - 3 - 1
Prerequisites: OCTA 1211, OCTA 1300, OCTA 1422, BIOL 2115. Emphasis on therapeutic adaptation based on the clients needs, occupations, and sociocultural contexts. Includes skills development in basic splinting, and fabricating adaptive equipment to improve positioning and to promote occupational performance through environmental adaptation. Exploration of technological advances and specialized areas of treatment. Offered: F

OCTA 2230 OTA Seminar 2 - 3 - 3
Prerequisites: OCTA 1211, OCTA 1300, OCTA 1410, OCTA 1421, OCTA 1422, BIOL 2115. Corequisites: OCTA 2224, OCTA 2323. Analysis of ethical, professional, and social issues affecting OTA practice. Emphasis on preparation for national and state credentialing requirements, promotion of life long learning, and the professional rules and responsibilities of the OTA. Study of the role of health professionals in changing healthcare systems, administration, management, and research. Emphasis on program evaluation, reimbursement mechanism, healthcare legislation, federal and state regulations, and the responsibility for professional and consumer advocacy. Offered: F

OCTA 2100 Level II Fieldwork 0 - 40 - 12
Prerequisites: Successful completion of all OCTA coursework, OTA core courses, and OTA academic requirements. Advanced clinical experience under the supervision of a licensed occupational therapist or certified occupational therapy assistant. All Level II fieldwork must be completed within 18 months of completion of OCTA coursework. Minimum of one 16-week session at 40 hrs./wk. Offered: Sp

OCTA 2541 Level II Fieldwork 0 - 20 - 6
Prerequisites: Successful completion of all OCTA coursework, OTA core courses, and OTA academic requirements. Advanced clinical experience under the supervision of a licensed occupational therapist or certified occupational therapy assistant. All Level II fieldwork must be completed within 18 months of completion of OCTA coursework. Minimum of one 8-week session at 40 hrs/week. Offered: Sp

OCTA 2542 Level II Fieldwork 0 - 20 - 6
Prerequisites: Successful completion of all OCTA coursework, OTA core courses, and OTA academic requirements. Advanced clinical experience under the supervision of a licensed occupational therapist or certified occupational therapy assistant. All Level II fieldwork must be completed within 18 months of completion of OCTA coursework. Minimum of one 8-week, full-time session. Offered: Sp

PHILOSOPHY (PHIL)

PHIL 2201 Survey of Philosophy 3 - 0 - 3
Prerequisites: None. Introduction to the meaning and function of philosophy and to the development of philosophical thought in the areas of metaphysics, epistemology, logic, and ethics. Offered: F, Sp

PHIL 2250 Ethics 3 - 0 - 3
Prerequisites: PHIL 2201 or permission of instructor. Overview of the major philosophical positions concerning right and wrong, ethical values, and moral responsibility. Offered: I

PHIL 2251 Introduction to Existentialism 3 - 0 - 3
Prerequisites: PHIL 2201 or permission of instructor. Overview of existentialism, specifically its meaning and roots (including variations of the German and French existentialists) versus existentialism as a branch of philosophical science. Offered: I

PHIL 2252 Great Philosophers 3 - 0 - 3
Prerequisites: PHIL 2201 or permission of instructor. Historical overview of Western thought as seen in the lives, works, and times of philosophers. Offered: I

PHIL 2253 Philosophical Foundations for Understanding Ethics, Religion, and Society 3 - 0 - 3
Prerequisites: PHIL 2201 or permission of instructor. Overview of philosophical roots of Western society; clashes of cultures, beliefs, governments; also a special look at the codes of practice. Offered: I

PHYSICAL EDUCATION (PHED)

PHED 1112 Body Conditioning 0 - 2 - 1
Prerequisites: None. An exercise and nutrition program that will assist in one's understanding of physical activity in human health and the development and maintenance of aerobic fitness, muscular strength, muscular endurance, flexibility, and controlling/maintaining a healthy body weight.

PHED 1113 Exercise and Weight Control 0 - 2 - 1
Prerequisites: None. Study of basic fitness including sound principles of diet and nutrition. Exploration of different types of activities and their exercise values. Offered: Sp

PHED 1118 Fitness Walking 0 - 2 - 1
Prerequisites: None. Study of individualized fitness walking program designed to strengthen hearts, tone muscles, and improve walking performance. Offered: F, Sp

PHED 1128 Pickleball 0 – 2 – 1
Prerequisites: None. Overview of rules and techniques of Pickleball, a combination of tennis and badminton. Singles and doubles competition. Offered F, Sp

PHED 1159 Beginning Pilates Matwork 0 – 2 - 1
Prerequisites: None. Study of the principles and exercises created by Joseph Pilates designed to develop muscular strength and flexibility while improving posture and skeletal alignment.

PHED 1178 First Aid and CPR 0 - 2 - 1
Prerequisites: None. Study of emergency techniques of cardio-pulmonary resuscitation and general first aid. Students will be given the opportunity to earn American Red Cross certification in Adult CPR and Standard First Aid. Offered: F, Sp

PHED 1179 Foundations 0 - 2 - 1
Prerequisites: None. Study of both health and skill-related physical activities. Offered: I

PHED 1180 Archery 0 - 2 - 1
Prerequisites: None. Study of the basic fundamentals of shooting an arrow from a bow for accuracy. Offered: F, Sp

PHED 1181 Badminton 0 - 2 - 1
Prerequisites: None. Study of beginning skills such as serve, drop-shot, smash and overhead strokes. Emphasis on scoring, strategy, and tournament play. Offered: F, Sp

PHED 1182 Golf 0 - 2 - 1
Prerequisites: None. Introduction to golf techniques, including basic rules and fundamentals. Extra fees involved. Offered: F, Sp

PHED 1184 Tennis 0 - 2 - 1
Prerequisites: None. Overview of beginning skills such as serve, forehand, and backhand. Study of scoring, rules, and court strategy. Offered: F, Sp

PHED 1185 Weight Training 0 - 2 - 1
Prerequisites: None. Participate in a challenging, health-enhancing activity and study the underlying physiological principles of weight training. Offered: F, Sp, Su

PHED 1186 Ski Class 0 - 1 - 1
Prerequisites: None. A practical learning experience dealing with snow skiing. Students take lessons from a certified ski instructor. Students will have the opportunity to ski on different "degree of difficulty" slopes during the class. Extra fees involved. Offered: I

PHED 1286 Intermediate Snow Skiing/Boarding 0 - 1 - 1
Prerequisites: None. An in-depth experience in snow skiing and snow boarding. Students will have the opportunity to ski on slopes of high difficulty. Extra fees involved. Offered: I

PHED 2205 Intermediate Golf 0 - 2 - 1
Prerequisites: PHED 1182. This is a course for golfers who have attained a reasonable amount of expertise. Study of the more advanced type shots and course strategy. Extra fees involved. Offered: I

PHED 2209 Intermediate Weight Training 0 - 2 - 1
Prerequisites: PHED 1185 or permission of instructor. Offered: Sp

Team Sports
PHED 1120 Basketball 0 - 2 - 1
Prerequisites: None. Overview of basketball fundamentals with emphasis on skills. Offered: F, Sp

PHED 1127 Baseball 0 - 2 - 1
Prerequisites: None. Empasis on baseball fundamentals. Offered: Sp

PHED 1191 Soccer 0 - 2 - 1
Prerequisites: None. Emphasis on fundamental skills, team concepts, and development, as well as appreciation of the place of soccer in international competition. Offered: Sp

PHED 1192 Softball 0 - 2 - 1
Prerequisites: None. Emphasis on softball fundamentals. Offered: Sp

PHED 1195 Volleyball 0 - 2 - 1
Prerequisites: None. A beginning course emphasizing basic power volleyball skills-forearm bounce pass, above the face pass, serve, spike, playing rules, and vocabulary. Offered: F, Sp

PHED 2220 Intermediate Basketball 0 - 2 - 1
Prerequisites: None. Emphasis on more advanced basketball skills. Offered: Sp

PHED 2227 Intermediate Baseball 0 - 2 - 1
Prerequisites: None. Emphasis on more advanced baseball skills. Offered: Sp

PHED 2228 Intermediate Softball 0 - 2 - 1
Prerequisites: None. Emphasis on more advanced softball skills. Offered: Sp

PHED 2291 Intermediate Soccer 0 - 2 - 1
Prerequisite: PHED 1191 or permission of instructor. Emphasis on more advanced soccer skills. Offered: Sp

Aquatics
PHED 1197 Beginning Swimming 0 - 2 - 1
Prerequisites: None. Overview of basic swimming skills and water safety for non-swimmers. Students who can swim are not allowed to register for the course. Offered: Su

PHED 1198 Intermediate Swimming 0 - 2 - 1
Prerequisites: None. Overview of the front crawl, breaststroke, elementary backstroke, and the sidestroke for the student with swimming ability. Non-swimmers are not allowed to register for this course. Offered: Su

Dance

PHED 1130 Beginning Jazz Dance 0 - 2 - 1
Prerequisites: None. Overview of basic skills in jazz dancing and exploration of jazz dance combinations used for stage performances. This course is also offered as DANC 1130. Offered: F, Sp

PHED 1131 Beginning Tap Dance 0 - 2 - 1
Prerequisites: None. Overview of basic skills in tap dancing. Emphasis on how to analyze, understand, and develop rhythmic patterns for tap combinations. This course is also offered as DANC 1131. Offered: F

PHED 1132 Beginning Ballet 0 - 2 - 1
Prerequisites: None. Focus on the techniques and theories of classical ballet for beginners with emphasis on body placement, awareness, strength, and terminology. This course is also offered as DANC 1132. Offered: F, Sp

PHED 1155 Beginning Ballroom Dance 0 - 2 - 1
Prerequisites: None. Overview of social dance forms that serve as recreational exercise and a foundation for social relationships. The student will learn the basic steps of The Shag, Foxtrot, Cha Cha, Tango, Waltz and Rhumba. Short histories of the dances and traditional music will be used to help add to the background the student can learn in the course. Offered: Sp

PHED 1157 Aerobic Dancing 0 - 2 - 1
Prerequisites: None. Development and maintenance of cardiovascular strength through the medium of dance. Offered: Sp

PHED 2230 Intermediate Jazz Dance 0 - 2 - 1
Prerequisites: PHED 1130 or permission of instructor. Study of beginning jazz dance skills. This course is also offered as DANC 2230. Offered: Sp

PHED 2231 Intermediate Tap Dance 0 - 2 - 1
Prerequisites: PHED 1131 or permission of instructor. Offered:

PHED 2232 Intermediate Ballet 0 - 2 - 1
Prerequisites: PHED 1132 or permission of instructor. Study of the refined movements of the ballet as an art form. This course is also offered as DANC 2232. Offered: Sp, I

Adaptive Physical Education

PHED 1161 or 2261 Adaptive Physical Education 2 - 0 - 1
Prerequisites: None. Individualized course designed for those students with physical and/or health problems preventing their participation in other physical education activities. Offered: I

PHYSICS (PHYS)

PHYS 1011 Physical Science I 3 - 3 - 4
Prerequisites: ENGL 0099, MATH 0099, or permission of the instructor. Survey of the principles of physics for non-science majors. Study of the fundamental concepts of physics with application of everyday experience, including topics such as mechanics, energy, sound, electricity, and light. Designed to give the student a working knowledge of the physical factors in our environment. Offered: F

PHYS 1012 Physical Science II 3 - 3 - 4
Prerequisites: ENGL 0099, READ 0099. Continued survey of the principles of physics for non-science majors. Overview of fundamental concepts of physics with application of everyday experience, including topics such as earth science, chemistry, astronomy, modern physics, and atomic physics. Designed to give the student a working knowledge of the physical factors in our environment. Offered: Sp

PHYS 1111 General Physics I 3 - 3 - 4
Prerequisites: ENGL 0099, READ 0099, grade of C or better in MATH 1112 or permission of instructor. A descriptive and quantitative study of mechanics, thermodynamics, and fluids. Emphasis on problem solving, use of calculators and computers, and the development of skills in making precise measurements. Meets the requirements for professional and technical students needing an algebra-based physics course. Offered: F, Sp

PHYS 1112 General Physics II 3 - 3 - 4
Prerequisites: Grade of C or better in PHYS 1111. A descriptive and quantitative study of electricity, magnetism, optics, and modern physics. Emphasis is placed on problem solving, use of calculators and computers, and the development of skills in making precise measurements. Meets the requirements for professional and technical students needing and algebra-based physics course. Offered: F, Sp

PHYS 2211 Calculus-Based Physics I 3 - 3 - 4
Prerequisites: MATH 1127 with a grade of C or better. A descriptive and quantitative study of mechanics, thermodynamics, waves and sound. Emphasis is placed on problem solving, use of calculators and computers, and the development of skills in making precise measurements. For science and engineering majors. Offered: F, Sp

PHYS 2212 Calculus-Based Physics II 3 - 3 - 4
Prerequisites: Grade of C or better in PHYS 2211. A descriptive and quantitative study of electricity, magnetism, optics, and modern physics. Emphasis is places on problem solving, use of calculators and computers, and the development of skills in making precise measurements. For science and engineering majors. Offered: F, Sp

POLITICAL SCIENCE (POLS)

POLS 1101 American Government 3 - 0 - 3
Prerequisites: READ 0099, ENGL 0099 or permission of the instructor. Study of the American political system which includes an examination of the U.S. and Georgia Constitutions. This course grants exemption from the U.S. and Georgia Constitutions examinations as required by the Georgia General Assembly. Offered: F, Sp, Su

POLS 1401 Introduction to Global Issues 2 - 0 - 2
Prerequisites: READ 0099 or permission of instructor. An exploration of contemporary world issues which may range from technology and trade to environmental degradation and population growth for majors and nonmajors. Students who have previously completed POLS 2401 cannot receive credit for this course. Offered: F, Sp

POLS 2401 Introduction to Global Issues 3 - 0 - 3
Prerequisites: READ 0099 or permission of instructor. Beyond the description provided in POLS 1401, the course seeks to investigate on issue, concept, or country in greater detail. Students who have previously completed POLS 1401 cannot receive credit for this course. Offered: F, Sp

POLS 2101 Introduction to Political Science 3 - 0 - 3
Prerequisites: POLS 1101 or permission from instructor. This course aims to provide majors and nonmajors an understanding of the structure, dynamics, and processes of one of the fundamental concepts within the social sciences-power. Offered: I

POLS 2701 Introduction to International Relations 3 - 0 - 3
Prerequisites: POLS 1101 or permission of instructor. Introduction to the key concepts necessary to understanding international politics-political systems, power, security, national interest, interdependence, conflict, cooperation, trust, foreign policy, conflict resolution, and economic interaction. Offered: I

POLS 2801 Special Topics 3 - 0 - 3
Prerequisites: POLS 1101 or permission of instructor. Study of selected topics such as: Introduction to the Government and Politics of Developing Nations, Introduction to the Government and Politics of Industrialized Nations, Introduction to International Politics, Introduction to Leadership, Introduction to Conflict Mediation and Resolution, Introduction to Political Economy, Women in politics, and introduction to Foreign Policy. Offered: I

POLS 2201 Introduction to State and Local Government 3 - 0 - 3
Prerequisites: POLS 1101 or permission of instructor. Study of city, county, and state government with an emphasis on intergovernmental relations and citizen participation. Offered: I

POLS 2601 Introduction to Public Administration 3 - 0 - 3
Prerequisites: POLS 1101 or permission of instructor. This course is designed to introduce students to the theory and practice of organizations and leadership in the public sector. Offered: F, Sp

PSYCHOLOGY (PSYC)

PSYC 1101 Introduction to Psychology 3 - 0 - 3
Prerequisites: ENGL 0099, READ 0099. Overview of historical background, physiology, principles of learning, motives, emotions, frustrations, conflict, personality theory, psychotherapy, statistics, intelligence, psychopathology, and social psychology. Offered: F, Sp, Su

PSYC 2101 Introduction to the Psychology of Adjustment 3 - 0 - 3
Prerequisites: ENGL 0099, READ 0099. Exploration of experiences which enhance students' self-understanding, self-analysis, communication, and self-disclosure through readings, discussions, and multiple group and individual activities. Offered: F, Sp

PSYC 2103 Introduction to Human Development 3 - 0 - 3
Prerequisites: ENGL 0099, READ 0099, and PSYC 1101. Study of human development through the lifespan. Physical, cognitive, emotional, and social development of each stage are explored through projects, readings, and discussions. Offered: F, Sp, Su

PSYC 2104 Introduction to Abnormal Psychology 3 - 0 - 3
Prerequisites: ENGL 0099, READ 0099, and PSYC 1101. Study of the issues relevant to abnormality and the classification, symptoms, etiologies, and treatments of DSM-IV base listings of mental disorders. Offered: F, Sp, Su

READING (READ)

READ 0097 Learning Support Reading I 3 - 0 - 3*
Prerequisites: None. Overview of techniques and skills in reading to improve vocabulary, comprehension, concentration, and retention. Required for those who do not enter with satisfactory SAT or ACT and/or CPE scores. If required, successful completion of the course is a prerequisite for Developmental Reading II. Offered: F, Sp, Su
**Institutional Credit*

READ 0099 Learning Support Reading II 3 - 0 - 3*
Prerequisites: None. Overview of study skills, content area prerequisite skills, and critical thinking skills necessary to more successfully handle college level reading material. To exit, a student must successfully meet all requirements for the course and score 75 or above on the CPE or 74 on COMPASS.
**Institutional Credit*

REGENTS' REVIEW (RGTE)

Regents' Writing Skills (RGTE) 0199 **3 – 0 - 3***
Prerequisites: None. The Regents' Writing Skills course is intended to ensure that all graduates of USG institutions possess certain minimum skills in writing. Students learn to evaluate their own writing strengths and weaknesses and work on improving their writing skills so that they are able to write an essay meeting the Regents' criteria. Offered: F, Sp, Su
**Institutional Credit*

RGTR 0198 Regents' Reading Skills **3 - 0 - 3***
Prerequisites: None. The Regents' Reading Skills course is intended to ensure that all graduates of USG institutions possess certain minimum skills in reading comprehension. Students work on improving their comprehension of material drawn from a variety of subject areas (social science, natural science and humanities) with various modes of discourse (exposition, narration and argumentation). Critical thinking and the following four major aspects of reading are emphasized: vocabulary in context, inferential and literal comprehension, and analysis. Offered: F, Sp, Su
**Institutional Credit*

SCIENCES (SCIN)

SCIN 1101 Change in the Natural World **2 – 0 - 2**
Prerequisites: None. A web-based course exploring change in the natural environment using pictures, sounds, and video clips of the Galapagos Islands to introduce students to an understanding of the dynamic nature of their own environment. Topics include organism reproduction, geological changes, survey of organisms, ecological interrelationships, and evolution.

SCIN 1105 Interdisciplinary Sciences I **3 - 3 - 4**
Prerequisites: MATH 0099, READ 0099. The first of a two-semester general science foundation sequence that will integrate the basic principles shared by astronomy, biology, chemistry, geology, and the physical sciences. Overview of the history of science and its impact on the quality of everyday lives with an emphasis on inquiry, reasoning, and problem solving. Offered: F, Sp, Su

SCIN 1106 Interdisciplinary Sciences II **3 - 3 - 4**
Prerequisites: SCIN 1105 or any science course. The second of a two semester general science foundation sequence that will examine the structure of chemistry, geology, and the physical sciences. Continued overview of the history of science and its impact on the quality of everyday lives with an emphasis on inquiry, reasoning, and problem solving. Offered: F, Sp, Su

SCIN 2196 Introduction to Science Research I **2 - 0 - 2**
Prerequisites: Permission of instructor and division chair. A course designed to allow students to conduct faculty-directed, independent research projects in the natural sciences, mathematics, or engineering. One course may be taken per term.

Additional courses may be taken determined by the nature of the research project. Offered: F, Sp, Su

SCIN 2197 Introduction to Science Research II 2 - 0 - 2
Prerequisites: Permission of instructor and division chair. A course designed to allow students to conduct faculty-directed, independent research projects in the natural sciences, mathematics, or engineering. One course may be taken per term. Additional courses may be taken determined by the nature of the research project. Offered: F, Sp, Su

SCIN 2198 Introduction to Science Research III 2 - 0 - 2
Prerequisites: Permission of instructor and division chair. A course designed to allow students to conduct faculty-directed, independent research projects in the natural sciences, mathematics, or engineering. One course may be taken per term. Additional courses may be taken determined by the nature of the research project. Offered: F, Sp, Su

SCIN 2199 Introduction to Science Research IV 2 - 0 - 2
Prerequisites: Permission of instructor and division chair. A course designed to allow students to conduct faculty-directed, independent research projects in the natural sciences, mathematics, or engineering. One course may be taken per term. Additional courses may be taken determined by the nature of the research project. Offered: F, Sp, Su

SOCIOLOGY (SOCI)

SOCI 1101 Introduction to Sociology 3 - 0 - 3
Prerequisites: READ 0099. Survey of such topics as sociological theory, methods, society, its structure, changes and problems. Emphasis on the nature of culture, social interactions, social groups, and social institutions. Offered: F, Sp, Su

SOCI 1160 Introduction to Social Problems 3 - 0 - 3
Prerequisites: READ 0099. A theoretical and empirical analysis of selected major social problems confronting American society. Emphasis on deviant behavior and social disorganization. Offered: F, Sp, Su

SOCI 2293 Introduction to Marriage and Family 3 - 0 - 3
Prerequisites: READ 0099. Introduction to the structure, processes, problems, and adjustments of contemporary marriage and family life. Emphasis on personal and social factors that influence marital interaction and satisfaction. Offered: F, Sp

SOCIAL WELFARE (SOCW)

SOCW 2215 Introduction to Social Welfare 3 - 0 - 3
Prerequisites: SOCI 1101, READ 0099. Study of social welfare as an institution and social work as a profession. It will include a study of various settings which offer welfare services, the development of knowledge, values, and skills relevant to

social work and other human services, and an examination of the problems and gaps encountered in service delivery systems. Designed to contribute to the enrichment of general education for all students as well as those in the Social Work Education Program. Offered: Sp

SPANISH (SPAN)

SPAN 1001 Elementary Spanish 3 - 0 - 3
Prerequisites: None. Study of Spanish which covers the essentials of Spanish grammar and culture. Training of the four language skills (listening, speaking, reading, writing) with an emphasis on aural/oral communication. Use of multimedia language training. Required use of computer lab. Offered: F, Sp

SPAN 1002 Elementary Spanish 3 - 0 - 3
Prerequisites: SPAN 1001 with a grade of C or higher, or permission of the instructor. Continuation of SPAN 1001 which addresses further essentials of Spanish grammar and culture. Aural and oral emphasis employing multimedia. Required use of computer lab. Offered: I

SPAN 2001 Intermediate Spanish 3 - 0 - 3
Prerequisites: SPAN 1002 with a grade of C or higher, or permission of the instructor. Continuation of SPAN 1002 which introduces new grammatical forms while providing an in-depth review of those learned in SPAN 1001 and 1002. Introduction of idioms and continued study of Spanish culture, Aural and oral emphasis employing multimedia. Required use of computer lab. Offered: I

SPAN 2002 Intermediate Spanish 3 - 0 - 3
Prerequisites: SPAN 2001 with a grade of C or higher, or permission of the instructor. Continuation of SPAN 2001 with emphasis on reading and writing in Spanish. Continued study of Spanish culture. Use of multimedia. Required use of computer lab. Offered: I

SPEECH (SPCH)

SPCH 1101 Oral Communications 2 - 0 - 2
Prerequisites: None. Emphasis on development of oral communication messages. Special attention is given to researching, critical thinking, organizing, problem solving, listening, and presenting materials as individuals and in small groups. Offered: F, Sp, Su

SPCH 2201 Public Speaking 3 - 0 - 3
Prerequisites: None. Designed for students desirous of an in-depth approach to public speaking; special attention given to the selection and organization of materials, the presentation of speeches, and the development of an acceptable style of delivery. The course can be used as a substitute for SPCH 1101 in Area B. Offered: F, Sp, Su

SPORTS MEDICINE (SMED)

SMED 1200 Medical Terminology 2 - 0 - 2
Prerequisites: ENGL 0099, READ 0099. The purpose of this course is to provide the student with a basic understanding of complex medical terms. Offered: F, Sp

SMED 1600 Fitness and Wellness Concepts 1 - 2 - 2
Prerequisites: ENGL 0099, READ 0099. The purpose of this course is to provide the student with the basic knowledge of sound fitness principles that will allow them to design and individualize strength and conditioning exercise programs. Offered: Sp

SMED 2200 Fundamentals of Sports Injury Management 2 – 2 - 3
Prerequisite: ENGL 1101. The purpose of this course is to provide the student with the basic skills and knowledge necessary to prevent and care for common injuries that occur in sports. Emphasis is placed on protocols common in the athletic training profession. Offered: F

SMED 2400 Nutrition for Health & Human Performance 3 - 0 - 3
Prerequisite: MATH 0099, ENGL 1101. The purpose of this course is to provide the student learner with an introduction to the characteristics of the essential dietary nutrients and their respective roles in the body with an emphasis on the effects of nutritional practices on health and human performance. Offered: Sp

Administration, Faculty, and Staff

The University System of Georgia

The University System of Georgia includes 35 state-operated institutions of higher education located throughout the state--four research universities, two regional universities, 14 state universities, six state colleges, and nine two-year colleges.

The 16-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointments of board members are made by the Governor, subject to confirmation by the State Senate. The regular term of board members is seven years.

The chairperson, vice chairperson, and other board officers are elected by the members of the board. The chancellor, who is not a board member, is the board's chief executive officer and the chief administrative officer of the University System.

Overall, programs and services of the University System are offered through three major components—instruction, public service/continuing education and research.

INSTRUCTION encompasses programs of study leading toward degrees ranging from the two-year associate level through the doctoral level. Each institution determines requirements for admission of students to instructional programs, pursuant to policies of the Board of Regents. The board, which establishes minimum academic standards, leaves to each institution the prerogative of establishing higher standards. Applications should be addressed in all cases to the institutions.

For students whose goal is a degree beyond the associate level, a Core Curriculum of study for the freshman and sophomore years is in effect at each institution. The Core Curriculum, which facilitates transfer of freshman and sophomore degree credits within the University System, requires 60-61 semester credit hours: 42-43 in general education and 18 in the student's chosen major.

PUBLIC SERVICE/CONTINUING EDUCATION encompasses, primarily, non-degree activities, including short courses, seminars, lectures, conferences, and consultative and advisory services. Some college degree credit courses of special types are also offered, typically through extension center programs and teacher education consortiums.

RESEARCH encompasses on-campus and off-campus investigations conducted primarily by the universities but also in moderate scope at some of the senior colleges, for discovery and application of knowledge. Research topics cover a large variety of matters related to the educational objectives of the institutions and to general needs of society.

The policies of the Board of Regents and the administrative actions of the chancellor provide for each institution autonomy of high degree in academic and administrative matters. The executive head of each institution is the president, whose election is recommended by the chancellor and approved by the board.

State appropriations for the University System are registered by, made to and allocated by the Board of Regents. The largest share of state appropriations (approximately 52 percent) is allocated by the Board for instruction.

Matriculation and non-residential tuition fees for all institutions are set by the board. All resident students pay matriculation fees; out-of-state students pay non-resident tuition in addition to matriculation. Fees for student services and activities are established by each institution, subject to the board's approval.

Institutions of the University System of Georgia

Research Universities		
Georgia Institute of Technology	Atlanta	(404) 894-2000
Georgia State University	Atlanta	(404) 651-2000
Medical College of Georgia	Augusta	(706) 721-0211
The University of Georgia	Athens	(706) 542-3000
Regional Universities		
Georgia Southern University	Statesboro	(912) 681-5611
Valdosta State University	Valdosta	(800) 618-1878
State Universities		
Albany State University	Albany	(229) 430-4600
Armstrong Atlantic State University	Savannah	(800) 633-2349
Augusta State University	Augusta	(706) 737-1400
Clayton College and State University	Morrow	(770) 961-3400
Columbus State University	Columbus	(866) 264-2035
Fort Valley State University	Fort Valley	(478) 825-6211
Georgia College and State University	Milledgeville	(800) 342-0471
Georgia Gwinnett College	Lawrenceville	(678) 407-5016
Georgia Southwestern State University	Americus	(800) 338-0082
Kennesaw State University	Kennesaw	(770) 423-6000
North Georgia College & State University	Dahlonega	(706) 864-1400
Savannah State University	Savannah	(912) 356-2186
Southern Polytechnic State University	Marietta	(800) 635-3204
State University of West Georgia	Carrollton	(770) 836-6500
State Colleges		
Abraham Baldwin Agricultural College	Tifton	(800) 733-3653
Dalton State College	Dalton	(404) 679-4501
Gainesville State College	Gainesville	(770) 718-3639
Gordon College	Barnesville	(800) 282-6504
Macon State College	Macon	(478) 471-2700
Middle Georgia College	Cochran	(478) 934-6221
Two-Year Colleges		
Atlanta Metropolitan College	Atlanta	(404) 756-4000
Bainbridge College	Bainbridge	(229) 248-2500
Coastal Georgia Community College	Brunswick	(800) 675-7235
Darton College	Albany	(229) 430-6740
East Georgia College	Swainsboro	(478) 289-2000
Georgia Highlands College	Rome	(800) 332-2406
Georgia Perimeter College	Decatur	(404) 244-5090
South Georgia College	Douglas	(800) 342-6364
Waycross College	Waycross	(912) 285-6133
Independent Research Unit		
Skidaway Institute of Oceanography	Savannah	(912) 598-2400

University System of Georgia
Members of the Board of Regents

		Current Term Expires
Kenneth R. Barnard Jr.	Thirteenth District	2014
James A. Bishop, Brunswick	First District	2011
Hugh A. Carter, Jr., Atlanta	State-at-Large	2009
William Cleveland, Atlanta	State-at-Large	2009
Robert F. Hatcher, Macon	State-at-Large	2013
Felton A. Jenkins, Madison	State-at-Large	2013
W. Mansfield Jennings, Jr., Hawkinsville	Eighth District	2013
James R. Jolly, Dalton	Ninth District	2008
Donald M. Leebern, Jr., Atlanta	State-at-Large	2012
Elridge W. McMillan, Atlanta	Fifth District	2010
Patrick S. Pittard, Atlanta	Tenth District	2008
Doreen Stiles Poitevint, Bainbridge	Second District	2011
William J. Potts, Rome	Eleventh District	2013
Wanda Yancey Rodwell, Stone Mountain	Fourth District	2012
Benjamin J. Tarbutton, III, Sandersville	Twelfth District	2013
Richard L. Tucker, Lawrenceville	Seventh District	2012
Allan Vigil, Morrow	Third District	2010
Vacant	Sixth District	

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Cathie M. Hudson, *Associate Vice Chancellor, Strategic Research & Analysis*
Tom Maier, *Interim Vice Chancellor, Information & Instructional Technology/CIO*
Thomas E. Daniel, *Senior Vice Chancellor, Office of External Affairs*

Faculty 2007-2009

Charlie M. Agnew, *Assistant Professor of Art*
B.A., Bluefield State College; M.A., University of Memphis

Jeffrey Anderson, *Assistant Professor of History*
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B.S., St. Louis University; FAA Airframe and Powerplant Certificate, Pittsburgh Institute of Aeronautics; Private Pilot License

Martin Avsec, *Aviation Maintenance Technology Instructor*
B.S., Ohio University; Teacher Education--Trade & Industrial Certificate, Cleveland State University; Permanent, Vocational Teacher's Certificate, Aircraft Maintenance, State of Ohio Department of Education; FAA Airframe and Powerplant Certificate; FAA Inspection Authorization Certificate; Certificated Flight Instructor, Instrument Instructor, and Ground Instructor; FCC License

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Faculty Emeriti

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