

BAS Technical Management CPR Index (AY 23-24)

- **Department Chair Report**
- **IEB Review**
- **Academic Dean Response**
- **Provost Response**



Comprehensive Program Review

AY 2023 – 2024

Institution: Middle Georgia State University

Academic Program: BAS Technical Management

College or School: School of Aviation

Department: Aviation Science and Management

CIP Code: 52.0699

Date of Last Internal Review: Spring 2019

Faculty Completing Report: Ed Weathersbee

Current Date: 3/26/2024

5 Year Enrollment by Campus and Graduation Trends (data available in Deans and Chairs Dashboard)

Enrollment

Campus	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	5 YR Growth	Fall 2019 compared to Fall 2023 only
Macon	1						
Cochran		1	1	1		0%	0%
Warner Robins							
Dublin							
Eastman		1		1	1	0%	0%
Online	9	19	20	26	26	23.64%	189%
Off Campus		1	1	1	1	0%	0%
Total	10	22	22	29	28	22.87%	180%

Graduates

- For data consistency, the fiscal year is in which the degree was awarded. For examples, 9academic year 2019 includes degrees conferred in Summer 2018, Fall 2018, and Spring 2019. (data available in Deans and Chairs Dashboard)

AY 2019	AY 2020	AY 2021	AY 2022	AY 2023	5 YR Growth	AY2019 compared to AY2023 only
2	0	5	3	3	8.45	50%

Include a narrative that discusses:

Program purpose and mission

The Bachelor of Applied Science in Technical Management (BAS) is a pathway to a four-year degree for professionals in technical or industrial careers who want to progress into management and supervisory positions. The BAS is designed for students who have earned select Associate of Applied Science (AAS) or Associate of Applied Technology (AAT) degrees from regionally or nationally accredited institutions, including technical colleges. Students accepted into the program can build on their applied two-year degrees for a smooth transition to a bachelor's of applied science degree program with minimal or no loss of credits. Students must meet with an advisor from the School of Aviation to determine eligibility. This aligns with the School of Aviation's mission to educate and prepare students for technical and management careers in the aviation, aerospace, and related industries, who understand the industry and organizations they are part of, and the communities they serve. The School of Aviation's mission complements Middle Georgia State University's mission specifically by preparing lifelong learners and highly qualified aviation professionals whose scholarship and careers enhance the region by supporting aviation, aerospace, and related industries. Part of the USG's strategic plan as well as MGA's strategic plan is student success, and that is partially defined as increasing degree completion through high quality and lifelong academic options. This degree creates a pathway for many students that graduate from AAT and AAS degrees to be able to use some of those career credits towards a 4 year degree.

Program age, tracks, concentrations, etc.

This degree has only been on the books since 2016 in its current form.

Accreditation information/status

This program has no specific accrediting body. The program falls under the University SACSCOC accreditation.

Method(s) of delivery

This degree is completely online. Most of the students in this program are already working, and want to advance in their areas. This makes this degree a good fit for individuals who otherwise might not be able to obtain a 4 year degree. This degree has only been on the books since 2016 in its current form.

Changes since last review

This program has been pushed by our departments that have students in an A.A.S. degree. This has helped with the growth of enrollment.

Benchmarks of progress

Enrollment increased 120% from 10 to 22 from 2019 to 2020. Students from the 2020 enrollment growth should be starting to graduate at the end of Spring 2024. Hopefully, there will be a significant increase in graduation numbers. A 60% retention rate would be a great benchmark.

Plans for action

If our retention rates do not increase, we will have to look at more retention strategies.

Shifting trends and market forces that may impact program demand

There are many students graduating every semester from the local technical colleges that now work in places like local hospitals and at the Warner Robins AFB that would greatly benefit from this program. Also, with the growing number of aircraft mechanics coming through our programs, this would be a great opportunity for them to further their education. The challenge is getting these students back into college after they have graduated their respective programs and now working full time.

Using IPEDS data, list the supply of graduates in the program and related programs in the service area:

Similar or Related Degrees/Programs	CIP Code	Supply* (Graduates/Completers)	Competitor Institutions**
Business, Management, Marketing, and Related Support Services	52.02051	89	Embry-Riddle Aeronautical University

**Supply = Number of program graduates last year within the study area*

***Competitors = List other USG institutions that offer this program of a similar program in the area*

Labor Market/Career Placement Outlook/Salary:

Based on the program’s study area, what is the employment outlook for occupations related to the program?

If data for the study area is not available, then use state- or -national-level data. Only list the jobs that are highly aligned and likely to be those for which you are preparing students and not every possibility.

Possible Resources:

- Click [here](#) for US and Georgia occupation projections

- Click [here](#) for 2026 Georgia Department of Labor data projections for the State or Georgia Workforce Board Regions in Qlik (link to GDOL Projections); data is also available through the [GDOL Labor Market Explore Website](#)
- Using data from [O*-Net](#), identify the average salary for the related occupations identified in question.

Occupation	O*Net ¹	Current Employment	% Growth	Average Salary <i>(O-Net data)</i>	Future Earnings Potential <i>(O-Net data)</i>
First-Line Supervisors of Production and Operating Workers	Projected Job Openings 63,300	681,700	No Change	\$30.53 hourly \$63,510 Annual	\$98,550

¹National Center for O*NET Development. *O*NET OnLine*. Retrieved [include date] from <https://www.onetonline.org/>

Note: The narrative areas should be as direct as possible, address all the areas/elements referenced above, and be of sufficient length to represent your academic program holistically since the last review. In drafting the CPR note the principle function is to “address the quality, viability, and productivity of efforts in teaching and learning, scholarship, and service as appropriate to the institution’s mission.”

USG Academic and Student Affairs Handbook 2.3.6 “consistent with efforts in institutional effectiveness and strategic planning, each USG institution shall develop procedures to evaluate the effectiveness of its academic programs to **address the quality, viability, and productivity of efforts in teaching and learning, scholarship, and service as appropriate to the institution’s mission**. Institutional review of academic programs shall involve analysis of both quantitative and qualitative data, and institutions must demonstrate that they make judgments about the future of academic programs within a culture of evidence”

IEB's Comprehensive Program Review Rubric and Evaluation

Date Reviewed: 4/12/2024

Program Reviewed: BAS Technical Management

<p>Contextual Notes: Summarize any demographic or environmental factors described in the introduction that might significantly impact assessment of the program</p>
<p>Reviewer 1: The program is almost entirely delivered ONLINE</p>

Area of Focus	Exemplary Area	Satisfactory Area	Area of Concern	No Evidence	Notes
Enrollment	<i>This program has significantly positive enrollment trends and robust credit hour production</i>	<i>This program has stable or moderately positive enrollment trends and healthy credit hour production</i>	<i>This program has negative enrollment trends and weak credit hour production</i>		
Graduation Trends USG benchmark:	<i>Three year rolling average greatly exceeds USG minimum benchmark for degrees conferred</i>	<i>Three year rolling average meets or exceeds USG minimum benchmark for degrees conferred</i>	<i>Three year rolling average does not meet USG minimum benchmark for degrees conferred; the program is "low</i>		

IEB's Comprehensive Program Review Rubric and Evaluation

<p>Bachelor's Degrees: 10 graduates/year</p> <p>Graduate, Associate's or Certificates: 5 graduates/year</p> <p><small>Programs falling under these benchmarks are designated as "low performing"</small></p>			<p><i>performing" by USG definition</i></p>		
--	--	--	---	--	--

Program Strengths of Note:

Reviewer 1: Steady enrollment, though small

Reviewer 2: Targeted to online

IEB's Comprehensive Program Review Rubric and Evaluation

Areas of Concern:

Reviewer 1: Graduate production needs growth, particularly relative to the enrollment

Reviewer 2: Insufficient clarity on changes from last review

Other Comments:

Comprehensive Program Review Report

Academic Program Name: BAS Technical Management

College or School: School of Aviation

Department: Aviation Science & Management

Date of Last Internal Review: 2/25/2019

Outcome of Previous Program Review (brief narrative statement, if applicable): At the time of the last review this program had low enrollment and graduation numbers.

Current Date: 7/18/2024

Executive Summary: This program has exhibited steady, but not high enrollment. This program is part of our stackable credentials for the Certificate and AAS in Aviation Maintenance & Structural Technology. Additionally, we have made program modifications to allow for other courses that are currently taught in the School of Aviation and the School of Business that are taught as part of other programs thus reducing the cost of course delivery. The School of Aviation will continue to seek growth opportunities including MOU's with the Technical College System of Georgia and the Community College of the Air Force.

Categorical Summation

Check any of the following to categorically describe action(s) the institution will take concerning this program. *Include a statement of plans for action based on the overall categorical summation contained in this section.*

Program MEETS Institution's Criteria (also indicate 1 subcategory below)

- Program is critical to the institutional mission and will be retained.
- Program is critical to the institutional mission and is growing or a high demand field and thus will be enhanced.

Required statement of plans for action: _____

Program DOES NOT MEET Institution's Criteria (also indicate 1 subcategory below)

- Program will be placed on a monitoring status.
- Program will undergo substantive curricular revisions.
- Program will be deactivated.
- Program will be voluntarily terminated.
- Other (identify/add text):

Required statement of plans for action: _____

Academic Dean Signature: *P. Ad. CLM*

Dean of Graduate Studies Signature (when applicable):

Date: 7/18/2024

Comprehensive Program Review Report
Academic Program Name: BAS Technical Management
College or School: School of Aviation
Department: Aviation Science and Management
CPR Review Schedule AY23-24
Provosts Response:

I concur with the Chair and Dean's assessment that the **Bachelor of Applied Science (BAS) in Technical Management** serves an important role in providing a **pathway for professionals in technical and industrial careers to advance into management roles**. The program's **stackable credential structure**, allowing students to transition from **certificate and AAS programs into the BAS degree**, aligns with **MGA and USG strategic priorities** to support degree completion and workforce development.

However, despite a **180% increase in online enrollment since 2019**, total **program enrollment remains below 40**, and **degree awards have been fewer than 10 annually**. These **low completion rates require ongoing monitoring and targeted interventions** to assess program viability, retention barriers, and overall student demand. While program modifications have improved **cost efficiency by integrating courses from the School of Aviation and the School of Business**, additional steps must be taken to **increase enrollment, improve student persistence, and strengthen industry partnerships**.

Next Steps – Program Review & Action Plan:

1. **Comprehensive Program Review** – Conduct a **full evaluation** of enrollment trends, student retention, and degree completion to determine the **long-term viability of the program**.
2. **Strengthen Recruitment & Enrollment Strategies** – Enhance **targeted marketing and outreach efforts**, particularly through **Technical College System of Georgia (TCSG) institutions, the Community College of the Air Force (CCAF), and employer partnerships**.
3. **Retention & Completion Focus** – Identify **barriers to student success** and implement **advising, mentoring, and support services** to increase retention and completion rates.
4. **Workforce Alignment & Employer Engagement** – Reassess **program demand in aviation, aerospace, and industrial sectors**, engaging **Warner Robins AFB and regional employers** to develop **scholarships, tuition assistance, and internship pipelines**.
5. **Monitor Competitor & Market Trends** – Continue **evaluating industry demand and competitor offerings** to determine if program adjustments or additional concentrations could improve enrollment and completion.

Given **persistently low enrollment and degree awards**, the **BAS in Technical Management will remain under formal review for the next three years** to assess its sustainability and effectiveness in meeting student and industry needs. The **results of this ongoing review will guide future program modifications, recruitment strategies, and retention initiatives** to determine the best

path forward. The program will be **reassessed in three years to evaluate progress and determine its long-term viability.**

Categorical Summation

Check any of the following to categorically describe action(s) the institution will take concerning this program.

- Program MEETS Institution's Criteria
- Program is critical to the institutional mission and will be retained.
- Program is critical to the institutional mission and is growing or a high demand field and thus will be enhanced.
- X Program PARTIALLY MEETS Institution's Criteria and will be re-evaluated in 3 Years (Cycle Updated) - FY27**
- Program DOES NOT MEET Institution's Criteria
- Program will be placed on a 1 year monitoring status.
- Program will undergo substantive curricular revisions.
- Program will be deactivated.
- Program will be voluntarily terminated.
- Other (identify/add text):

Provost or VPAA Signature: Date:

 2/5/25