Certificate Flight Tech: Airplane CPR Index (AY 23-24)

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**Middle Georgia** State University

## Comprehensive Program Review

## AY 2023 – 2024

**Institution:** Middle Georgia State University

**Academic Program: Flight Tech Airplane Certificate**

**College or School: Aviation**

**Department: Aviation Science and Management**

**CIP Code: 49.0101**

**Date of Last Internal Review: 2/25/2019**

**Faculty Completing Report: Ed Weathersbee**

**Current Date: 4/5/2024**

**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 | 1 | 1 | 1 | 0% | |
| Cochran | | | | | | | |
| Warner Robins | | | | | | | |
| Dublin | | | | | | | |
| Eastman | 2 | 1 | | | | 0% | |
| Online* | 2 | 3 | 2 | 2 | 3 | 8.45 | 50% |
| Off Campus | | | | | | | |
| | | | | | | | |
| Total | | | | | | | |

**Graduates**

- For data consistency, the fiscal year is in which the degree was awarded. For examples, academic 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 |
|---------|---------|---------|---------|---------|-------------|-------------------------------|
| 1 | 0 | 0 | 0 | 0 | 0% | 0% |

**Include a narrative that discusses:**

- Program purpose and mission
- Align of program mission with department, school, and institutional mission
- Program age, tracks, concentrations, etc.
- Accreditation information/status
- Method(s) of delivery
- Changes since last review
- Benchmarks of progress
- Plans for action
- Shifting trends and market forces that may impact program demand

**Specific Questions to address include the following:**

- How does the program align with the USG System Wide/Strategic Plan Context (within mission fit)?
- How does the program align with your institutional mission and function?
- How does the program align with your institution's strategic plan and academic program portfolio?
- To what extent does the program align with local, regional, and/or state talent demand or workforce strategies?
- The Aviation Science and Management Department offers training necessary to complete certificate programs, both in Airplane (fixed-wing) and Rotorcraft (helicopter) aircraft.
- The Department of Aviation Science and Management also offers training necessary to complete the Bachelor of Science in Aviation Science and Management with tracks in Flight and Management. Completion of the Bachelor of Science in Aviation Science and Management requires the successful completion of 120 semester hours of credit as prescribed in the related curriculum.

This Flight Technology Airplane certificate consist of 33 semester hours, and has been a part of the Flight program since its inception in the mid-1990's. The content of this certificate has not changed since the last review. Courses within this program are delivered in a traditional classroom setting, online, as well as in the aircraft. The Flight training portion of the program is offered at the Eastman Campus and the Macon Downtown Airport.

The purpose of this certificate is to allow students who may already have a Bachelor's degree to come to the School of Aviation and acquire their FAA-Airplane flight ratings. 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.

As can be seen by the data, this program is not in high demand. However, the ASM department feels that it is worth keeping on the books for those students that may already have their bachelor's degree and want to add flight ratings. There is no extra cost to the University as we already teach the courses within the certificate, in our BSASM Degree.

**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** |
|---|---|---|---|
| Commercial Pilot Program | 49.0102 | 41 | Aviator College of Aeronautical Science and Technology |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

*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 (O-Net data) | Future Earnings Potential (O-Net data) |
|---|---|---|---|---|---|
| Airline Pilots, Copilots, and Flight Engineers | Projected Jobs (10 Yr) 10,800 | 81,700 | 2-4% | $211,790 | Not found |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

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

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**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*."

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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"

**Date Reviewed:** 4/17/2024

**Program Reviewed:** Certificates: Flight Tech: Airplane

| Contextual Notes: Summarize any demographic or environmental factors described in the introduction that might significantly impact assessment of the program |
|---|
| Admittedly, the data for Online enrollment is most probably coded incorrectly. Therefore, we cannot really assess those students since the program is in Eastman and the Macon Regional Airport. The data given here has one student in Macon, none in Eastman, and two to three Online. |

| Area of Focus | Exemplary Area | Satisfactory Area | Area of Concern | No Evidence | Notes |
|---|---|---|---|---|---|
| Enrollment | *This **program** has significantly positive enrollment trends and robust credit hour production* | *This **program** has stable or moderately positive enrollment trends and healthy credit hour production* | *This **program** has negative enrollment trends and weak credit hour production* | | **Area of Concern.** Weak credit hours, negative or stable enrollment (Not sure about the Online coding here). |
| Graduation Trends<br>USG benchmark:<br><br>Bachelor's Degrees: 10 graduates/year<br><br>Graduate, Associate's or Certificates: 5 graduates/year<br><br>Programs falling under these benchmarks are designated as "low performing" | *Three year rolling average greatly exceeds USG minimum benchmark for degrees conferred* | *Three year rolling average meets or exceeds USG minimum benchmark for degrees conferred* | *Three year rolling average does not meet USG minimum benchmark for degrees conferred; the program is "low performing" by USG definition* | | **Area of Concern.** No graduates, so does not meet the USG benchmark. |

**Program Strengths of Note:** None really seen, given the data we had to work with here. Maybe if they clean up the incorrectly coded Online enrollment data, some better trends might appear.

**Areas of Concern:** Very low enrollment, no graduates, and Online coding is admittedly wrong. The program is in Eastman and Macon, but most data is given for Online.

# Comprehensive Program Review Report

**Academic Program Name:** Flight Technology Airplane Certificate

**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 was low producing and low graduate numbers. It was decided to retain the program due to the fact these courses are part of our BS program and requires no additional resources to teach and offers an avenue for potential students who do not need the BS degree.

**Current Date:** 7/18/2024

**Executive Summary:** *This program is imbedded in the 4 year BS-ASM degree and does not require any courses in order for a student to complete. This Certificate offers an avenue for potential students who have already a 4 year degree and simply need to complete flight training. Without this option, these students may not be eligible for financial aid.*

# 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:_____

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

    ☐X 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: This program will be evaluated over the next two years. If it is determined the program is not being utilized it will be deactivated.

Academic Dean Signature: *C. Ad CU*

Dean of Graduate Studies Signature (when applicable):

Date: 7/18/2024

Comprehensive Program Review Report
Academic Program Name: Cert. Flight Tech – Airplane
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 **Flight Technology Airplane Certificate program serves a specialized but limited audience** within the School of Aviation. This certificate is **embedded within the Bachelor of Science in Aviation Science and Management (BSASM) degree** and does not require additional courses beyond those already offered within the program. As such, it presents **minimal additional cost to the university while providing an alternative pathway for students who already hold a bachelor's degree and seek FAA-Airplane flight ratings.**

However, **program enrollment remains low**, and current **demand does not indicate significant utilization.** Given this, the program will be **placed on monitoring status and evaluated over the next two years.** If continued low enrollment persists and the program is not being effectively utilized, it will be considered for **deactivation.**

## Next Steps – Program Evaluation & Monitoring:

1. **Enrollment & Utilization Review** – Track **program enrollment and completion trends** over the next two years to determine sustained demand.
2. **Targeted Recruitment Efforts** – Explore opportunities to **increase program visibility** among aviation professionals, including partnerships with **flight schools and industry organizations.**
3. **Industry & Workforce Alignment Assessment** – Evaluate the **relevance of this certificate within current aviation workforce needs,** particularly regarding pilot shortages and employer demand.
4. **Substantive Curricular Review** – Assess whether **curricular revisions** or program modifications could **enhance viability and better serve students seeking additional flight training.**
5. **Determine Future Viability** – At the conclusion of the **two-year review period,** a formal recommendation will be made regarding the **continuation or deactivation of the certificate** based on data-driven evidence.

While the program currently remains in place, its long-term sustainability will be re-evaluated in two years to determine whether it continues to serve a strategic purpose for MGA and the aviation industry.

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.

☐ Program PARTIALLY MEETS Institution's Criteria

☐ X Program **DOES NOT MEET Institution's Criteria**
☐ X Program **will be placed on a 2 year monitoring status**. (Next CPR FY 26)
☐ 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