

## Cert Unmanned Aerial System Operations CPR Index (AY22-23)

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



**Comprehensive Program Review**

**AY 2022 – 2023**

**Institution:** Middle Georgia State University

**Academic Program:** Certificate in Unmanned Aerial Systems Operator (UAS)

**College or School:** School of Aviation

**Department:** Aviation Science and Management

**CIP Code:** 36.0207

**Date of Last Internal Review:** 4/15/2020

**Faculty Completing Report:** Edward Weathersbee

**Current Date:** 12/11/2022

**5 Year Enrollment by Campus and Graduation Trends**

**Enrollment**

| Campus        | Fall 2018 | Fall 2019 | Fall 2020 | Fall 2021 | Fall 2022 | 5 YR Growth | Fall 2018 compared to Fall 2022 only |
|---------------|-----------|-----------|-----------|-----------|-----------|-------------|--------------------------------------|
| Macon         | 1         |           |           |           |           |             |                                      |
| Cochran       |           |           |           |           |           |             |                                      |
| Warner Robins |           |           |           |           |           |             |                                      |
| Dublin        |           |           |           |           |           |             |                                      |
| Eastman       |           |           |           |           |           | 0%          | 0%                                   |
| Online        |           |           |           |           | 1         |             |                                      |
| Off Campus    |           |           |           |           |           |             |                                      |
| <b>Total</b>  | 1         |           |           |           | 1         | 0%          | 0%                                   |

**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.

| AY 2018 | AY 2019 | AY 2020 | AY 2021 | AY 2022 | 5 YR Growth | AY2018 compared to AY2022 only |
|---------|---------|---------|---------|---------|-------------|--------------------------------|
| 1       | 0       | 0       | 0       | 0       | 0%          | 0%                             |

**Include a narrative that discusses:**

**Program purpose and Mission**

Program purpose of the Certificate in Unmanned Aerial Systems Operator is to meet the needs as they arise in this emerging field for the state of Georgia.

**Align of program mission with department, school and institutional mission**

This purpose aligns with the mission of the School of Aviation to educate and prepare students for technical careers in aviation.

**Program age, tracks, concentrations, etc.**

This certificate has been available for 7 years and is a standalone certificate

**Accreditation information/status**

This program is not accredited through any secondary accrediting agency

**Method(s) of delivery**

This program is delivered face to face on the Eastman campus

**Changes since last review**

N/A

**Benchmarks of progress**

Although this certificate has no students, or recent graduates, it is important to keep it because it is an emerging industry in Georgia.

**Plans for action**

A review of the program may be necessary to determine whether this needs to remain a standalone certificate, or if we need to include the classes as electives in the Bachelor of Science in Aviation Science and Management.

**Shifting trends and market forces that may impact program demand**

There is an expected shifting trend that could increase the enrollment in this program in the future.

**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:**

**Program Reviewed: Certificate in Unmanned Aerial Systems Operator (UAS)**

|  |
|--|
| <p><b>Contextual Notes:</b> Summarize any demographic or environmental factors described in the introduction that might significantly impact assessment of the program</p>                 |
| <p>The program review does note that this program has the potential for development based on predicted growing interest and need, but as of right now, this program is low performing.</p> |

| Area of Focus   | Exemplary Area | Satisfactory Area | Area of Concern   | No Evidence | Notes   |
|---|----------------|-------------------|---|-------------|---|
| <p><b>Enrollment</b></p>  |                |                   | <p><i>This program has negative enrollment trends and weak credit hour production</i></p>   |             | <p>Enrollment is extremely low</p>  |
| <p><b>Graduation Trends</b><br/>USG benchmark:</p> <p><b>Bachelor's Degrees:</b><br/>10 graduates/year</p> <p><b>Graduate, Associate's or Certificates:</b> 5 graduates/year</p> <p><small>Programs falling under these benchmarks are designated as "low performing"</small></p> |                |                   | <p>This program has had 2 students total over the five-year review period, and only 1 graduate within that time frame. This is well beneath the desired USG thresholds.</p> |             | <p>This was a face to face program which means it may have been significantly impacted by the pandemic.</p> <p>The one student enrolled for 2022 may still be in the process of completing the program on schedule.</p> |

**IEB's Comprehensive Program Review Rubric and Evaluation**

**Program Strengths of Note:**

Given the recent investments in MGA's aviation programs and the emerging industry in GA, this certificate may have the potential for growth in the future.

**Areas of Concern:**

Enrollment and completion rates are very low.

**Other Comments:**

## **Comprehensive Program Review Report**

**Academic Program Name:** Certificate in Unmanned Aerial Systems Operator

**College or School:** School of Aviation

**Department:** Aviation Science and Management

**Date of Last Internal Review:** March 2020

**Outcome of Previous Program Review (brief narrative statement, if applicable):**

**Current Date:** 05/31/2023

**Executive Summary:** The UAS certificate was developed due to an increase in interest in UAS for general public. It has been highly publicized in national and local media. Since the inception of this certificate the FAA has issued new regulations which has impacted the need of this particular certificate. The School of Aviation is currently evaluating a pathway forward in the UAS market. This certificate will need to be completely revamped in order to be successful going forward. It is my recommendation to substantively change the existing curriculum to meet the new and emerging needs of the UAS market.

### 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 DOES NOT MEET Institution's Criteria

- 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):

Academic Dean Signature:



Date: 05/31/2023



**Comprehensive Program Review Report**  
**Academic Program Name: The Certificate in Unmanned Aerial Systems (UAS)**  
**College or School: School of Aviation**  
**Department: Aviation Science and Management**  
**CPR Review Schedule AY22-23**

**Provost Response**

The Certificate in Unmanned Aerial Systems (UAS) Operator program at MGA has experienced significant developments since its establishment. Initially launched to meet the growing public interest in UAS, the program garnered substantial attention from both national and local media. However, the evolving landscape of the UAS industry, as influenced by new FAA regulations, has necessitated a comprehensive evaluation of the program's future trajectory.

To ensure the continued relevance and success of the Certificate in UAS Operator, it is essential to undertake a complete revamp of the program. This includes a substantive change to the existing curriculum to align with the emerging needs and requirements of the UAS market. By embracing the latest industry regulations and technological advancements, we can equip students with the knowledge and skills necessary to thrive in this evolving field.

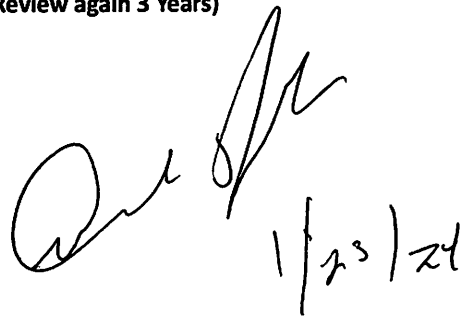
The School of Aviation is actively engaged in evaluating the program's pathway forward within the UAS market. Through collaborative efforts and a focus on industry engagement, we aim to establish a revised curriculum that addresses the current and future demands of the UAS industry. By embracing these changes, we will position our program to meet the needs of students and enhance its reputation as a leader in UAS education.

**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 and will be re-evaluated in
  
- X Program DOES NOT MEET Institution's Criteria**
  - Program will be placed on a 1 year monitoring status.
  - X Program will undergo substantive curricular revisions.(Review again 3 Years)**
  - Program will be deactivated.
  - Program will be voluntarily terminated.
  - Other (identify/add text):

Provost or VPAA Signature:                      Date:



Handwritten signature and date: 1/23/24