

## Comprehensive Program Review Report

**Institution:** Middle Georgia State University

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

**CIP Code:** 36.0207

**College or School:** School of Aviation

**Department:** Aviation Science and Management

**Date of Last Internal Review:** N/A

**Outcome of Previous Program Review (brief narrative statement):** N / A

**Current Date:** 4/15/2020

**Provost Response:** *Provide a summary related to the program productivity, viability, and quality. If this is the initial review of the program address how the program is/is not meeting the enrollment and credit hour projects contained in the original program proposal. Include a statement of plans for action based on the overall categorical summation contained in the next section.*

The UAS Certificate has been available for four years. Over the course of four years, it has only had one student to enroll and graduate from the program.

The department chair sees an industry trend and a potential of grant funds that may increase interest in the near future. With that said, continued efforts need to be put in place to partner with other institutions, and more effort into marketing for growth of the certificate program.

### 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 3 years.

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):

Provost or VPAA Signature: Dr. Michael Gibbons on behalf of the Provost, Dr. Debra Matthews

Date: 4/15/2020



## Comprehensive Program Review Report

**Academic Program Name: Aircraft Structural Technology Certificate Degree**

**College or School: Aviation**

**Department: Aviation Maintenance and Structural Technology**

**Date of Last Internal Review: Summer 2019**

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

Determined a need to form partnerships with local and other high school programs

**Current Date: 4/5/2020**

**Executive Summary:** *Provide a summary related to the program productivity, viability, and quality. If this is the initial review of the program address how the program is/is not meeting the enrollment and credit hour projects contained in the original program proposal. Include a statement of plans for action based on the overall categorical summation contained in the next section.*

The role of the Aircraft Structural Technology (AST) program is to prepare the student to enter the aviation industry with the skill set necessary to be a competent entry-level structural mechanic. In addition to this training, the associate's degree graduate has completed 22 hours of college core: English, math, history, etc.

Aviation Structural Technology complements the school of aviation, and helps provide industry with the structural mechanics needed to meet the looming shortages in the industry. As a part of the School of Aviation, it supports the critical workforce development role that Middle Georgia State University plays in Georgia. The AST program is a valuable part of the whole.

Plans for action

- Continue to develop partnership with 4C Academy in Albany to deliver the AST program dual enrollment.
- Continue to market DE AST to the high schools of Dodge and surrounding counties.
- In cooperation with industry, continue to develop the AST program curriculum to reflect the needs of a rapidly evolving industry.
- Advise certificate of AST graduates of their options for continuing education in the Associates of AST, and the Bachelor of Applied Science in Technical Management.

### 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:



Dean of Graduate Studies Signature (when applicable):

Date: 4/5/2020



## Comprehensive Program Review

FY 2019 – 2020

**Institution:** Middle Georgia State University

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

**College or School:** School of Aviation

**Department:** Aviation Science and Management

**CIP Code:** 36.0207

**Date of Last Internal Review:** N/A

**Faculty Completing Report:** Ed Weathersbee

**Current Date:** 2/3/2020

### 5 Year Enrollment by Campus and Graduation Trends

#### Enrollment

Campus	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	5 YR Growth
Macon	N/A	0	0	1	0	-100%
Cochran	N/A	0	0	0	0	0.00%
Warner Robins	N/A	0	0	0	0	0.00%
Dublin	N/A	0	0	0	0	0.00%
Eastman	N/A	0	0	0	0	0.00%
Online	N/A	0	0	0	0	0.00%
Off Campus	N/A	0	0	0	0	0.00%
<b>Total</b>	N/A	0	0	1	0	-100%

#### Graduates

AY 2015	AY 2016	AY 2017	AY 2018	AY 2019	5 YR Growth
N/A	0	0	1	0	-100%

**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 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 4 years and is a stand alone 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 we have renewed interest in these programs from industry partners. Also, we have recently partnered with Georgia Tech, University of South Carolina, Savannah State University, and Triumph Aerospace on a UAV grant.

**Plans for action**

A review of the program may be necessary if the aforementioned grant is approved to align with its purpose.

**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.

***\*The narrative should be as direct as possible and no longer than three pages.***

## IERB Comprehensive Program Review Rubric and Evaluation

Date Reviewed: 02/28/2020

Program Reviewed: Certificate in Unmanned Aerial Systems Operator

**Contextual Notes:** Summarize any demographic or environmental factors described in the introduction that might significantly impact assessment of the program

This is a new program that has not had much interest yet, but industry trends and the potential of grant funds may increase interest in the near future.

Area of Focus	Exemplary Area	Satisfactory Area	Area of Concern	No Evidence	Notes
<b>Enrollment</b>	<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>		There was only 1 student enrolled in program history.
<b>Graduation Trends</b> USG benchmark:  <b>Bachelor's Degrees:</b> 10 graduates/year  <b>Graduate, Associate's or Certificates:</b> 5 graduates/year  <small>Programs falling under these benchmarks are designated as "low performing"</small>	<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 performing" by USG definition</i>		The only student enrolled graduated in 2018, but the 5/year benchmark has not been met.

## IERB Comprehensive Program Review Rubric and Evaluation

### Program Strengths of Note:

- The one person who enrolled graduated successfully.
- The department is partnering with other institutions to try to get a grant with hopes to strengthen the program.

### Areas of Concern:

- After 4 years, only 1 student has enrolled and graduated. Is there need for better marketing for students?
- Little information is provided about how certificate specifically meets the purpose and mission of the school.
- Are these classes also required for other certificates/degrees?

### Other Comments:

- This is an area that is expanding within personal use, so a shift in trend is expected in this type of program.