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: [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

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

Graduates

<table>
<thead>
<tr>
<th>AY 2015</th>
<th>AY 2016</th>
<th>AY 2017</th>
<th>AY 2018</th>
<th>AY 2019</th>
<th>5 YR Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>-100%</td>
</tr>
</tbody>
</table>
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 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.

<table>
<thead>
<tr>
<th>Area of Focus</th>
<th>Exemplary Area</th>
<th>Satisfactory Area</th>
<th>Area of Concern</th>
<th>No Evidence</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment</td>
<td>This program has significantly positive enrollment trends and robust credit hour production</td>
<td>This program has stable or moderately positive enrollment trends and healthy credit hour production</td>
<td>This program has negative enrollment trends and weak credit hour production</td>
<td>There was only 1 student enrolled in program history.</td>
<td></td>
</tr>
<tr>
<td>Graduation Trends</td>
<td>Three year rolling average greatly exceeds USG minimum benchmark for degrees conferred</td>
<td>Three year rolling average meets or exceeds USG minimum benchmark for degrees conferred</td>
<td>Three year rolling average does not meet USG minimum benchmark for degrees conferred; the program is “low performing” by USG definition</td>
<td>The only student enrolled graduated in 2018, but the 5/year benchmark has not been met.</td>
<td></td>
</tr>
</tbody>
</table>
**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.