

## Aviation Maintenance and Structural Technology

### Academic Affairs

### Administrative Unit Assessment

FY 19 (July 2018-July 2019)

### Department and Assessment Report Information

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For which department or area are you reporting?	Aviation Maintenance and Structural Technology
What is the name and MGA email address of the person responsible for this report?	Martin Kehayes martin.kehayes@mga.edu

### Departmental Mission and Goals

The mission and goals of the department should be consistent over a 5 year period, although some institutional changes may necessitate and prompt a change in mission or goals for specific departments. In this section, you will report the mission statement for your department as well as the long term goals (5 year range) for the department.

<b>What is the mission statement for this department/area? Your mission should explain why the department/area exists and who it serves.</b>	The Aviation Maintenance and Structural Technology Department, within the School of Aviation, educates and prepares students for technical careers in the aviation, aerospace, and related industries, who understand the industry and organizations they are part of, and the communities they serve.
<b>What are the goals for this department? These should be the "big things" the department/area intends to accomplish within 5 years.</b>	The AMST department expects to grow by 50% over the next few years. In addition, pending the FAA's release of a revised Part 147 rule, the AMST department expects to have opportunities in which to offer instruction to satellite locations. Greater emphasis will be placed on the training of high school age students through dual enrollment.

## Objectives

Each year, every department should identify objectives the department hopes to accomplish in the next year. These should align with departmental goals and the MGA strategic plan. In the next section you will be reporting on the objectives you set and whether or not you achieved them in FY 19. Later in the document you will report on objectives you hope to accomplish in the coming fiscal year, FY20.

### Objective 1

<b>Objective 1: What was this department's first objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.</b>	Yes, the AMST department added an additional fall cohort of AMTP students. In addition, one dual enrollment student was added to the ASTP cohort.
<b>Objective 1: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)</b>	Number of participants.
<b>Objective 1: What was your target outcome for this objective? (i.e. 80% participation, 5% enrollment growth, 7% change in engagement)</b>	25% growth.
<b>Objective 1: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)</b>	Objective was met at 25%.
<b>Objective 1: Did your department meet this objective?</b>	The department met this objective.
<b>Objective 1: What did your department learn from working toward this objective? What changes will you make based on this effort next year?</b>	To increase the enrollment by 25%, i.e. add an additional cohort, was challenging. The first cohort filled early in the year. At this point, we were watching a second cohort "waiting list". This caused some anxiety as this wait list slowly grew over the summer. Not enough for a second cohort, and we have families to notify that a second cohort wouldn't make. As it was, we did not have the final "go" numbers we needed until mid-July. This created a mad scramble to add additional sections, on board the second cohort, ramp up supplies in the campus store, etc. Next year, we may need to set the "go-no-go" decision date earlier in the summer.

## Objective 2

<b>Objective 2: What was this department's second objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.</b>	Serve high school students interested in aviation maintenance, dual enrollment options with the AMST department.
<b>Objective 2: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)</b>	Number of participants.
<b>Objective 2: What was your target outcome for this objective? (i.e. 80% participation, 5% enrollment growth, 7% change in engagement)</b>	A dual enrollment student.
<b>Objective 2: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)</b>	We enrolled two Dodge County High School students into the AST program, fall semester 2018.
<b>Objective 2: Did your department meet this objective?</b>	The department met this objective.
<b>Objective 2: What did your department learn from working toward this objective? What changes will you make based on this effort next year?</b>	Marketing of this option to the high schools within our geographic service area needs to be increased. Literature for the parents would be useful, possibly in the form of a rack card. Continue to attend the high school career fairs, and parent information meetings.

### Objective 3

<b>Objective 3: What was this department's third objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.</b>	Begin partnerships with "Career Academies" to deliver aviation maintenance training.
<b>Objective 3: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)</b>	The department has initiated the beginning discussions with Commodore Conyers College and Career Academy.
<b>Objective 3: What was your target outcome for this objective? (i.e. 80% participation, 5% enrollment growth, 7% change in engagement)</b>	100% participation
<b>Objective 3: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)</b>	100%.
<b>Objective 3: Did your department meet this objective?</b>	The department met this objective.
<b>Objective 3: What did your department learn from working toward this objective? What changes will you make based on this effort next year?</b>	Formal articulation of the partnership will have to occur in order to deliver a large portion of the curriculum on an off campus site.

#### Objective 4

<b>Objective 4: What was this department's fourth objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year.</b>	Apply for grant to be used toward the offering of "mini-certifications" for the AMST student body.
<b>Objective 4: How did your department measure this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort)</b>	Job completed
<b>Objective 4: What was your target outcome for this objective? (i.e. 80% participation, 5% enrollment growth, 7% change in engagement)</b>	To receive grant for the purchase of a Snap-On Multimeter certification box.
<b>Objective 4: At what level did the department/area achieve on this objective? (This should be a number, i.e. 82%, 6%, 345 attendees, 75% engagement)</b>	100%.
<b>Objective 4: Did your department meet this objective?</b>	The department met this objective.
<b>Objective 4: What did your department learn from working toward this objective? What changes will you make based on this effort next year?</b>	Grant monies are available to supplement our limited operating budget. The MGA Foundation was instrumental in the application process of obtaining the specific grant from Gulfstream Aerospace.

## Future Plans

<p><b>Please identify at least four measurable objectives for the next fiscal year. In listing the objectives, please use the format shown in these examples.1) The Department of X will improve services levels by 5% as measured by our satisfaction survey. 2) The department to X will provide training in ABC for at least 73 MGA faculty and staff.</b></p>	<ol style="list-style-type: none"><li>1. Increase the size of the Aviation Maintenance Technology Program by one additional cohort. This would increase the number of AMT cohorts from 5 to 6.</li><li>2. Increase the number of dual enrollment ASTP students to 5.</li><li>3. Start the first cohort of AST students by fall 2020 at Commodore Conyers College and Career Academy.</li><li>4. Add to number of “mini-certifications” available by applying for grants.</li></ol>
<p><b>Based on this assessment, please share your thoughts on the current status and future direction of this department or area.</b></p>	<p>The AMST department is experiencing rapid growth and change. These are exciting times in aviation for the school and our graduates. It will be a challenge staying on top of the changes, and maximizing the opportunities available. The infrastructure on the Eastman campus is in place, but showing its age, having opened its doors in 1996. This is not to say that the quality of instruction will be diminished, it will not. But if we desire to maintain our cutting edge, modern, “industry” look, we will need to allocate some of the budget toward the Eastman facilities.</p> <p>The AMST faculty, and the staff that support them, are dedicated to the success of its students. In addition, the department has worked very hard to foster good working relationships with industry, and we are now seeing the fruits of this labor. Our graduates are sought after by industry, and word of mouth from industry, is driving record enrollment numbers.</p> <p>I am very encouraged that MGA’s AMST department will continue to be a major contributor of skilled, dedicated aircraft maintainers, to this sector of the Georgia economy.</p>

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Tuesday, January 14, 2020