

Aviation Maintenance and Structural Technology

Office or Department of Academic Affairs

Administrative Unit Assessment

Year Reporting: FY 20 (July 2019-July 2020)

Department and Assessment Report Information

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| Prepared on: 7/28/2020 1:53:23 PM | Prepared by: martin.kehayes@mga.edu |
| 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? | Paul 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.

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| What is the mission statement for this department/area? Your mission should explain why the department/area exists and who it serves. | 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. |
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| What are the goals for this department? These should be the "big things" the department/area intends to accomplish within 5 years. | 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. |
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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 FY20. Later in the document you will report on objectives you hope to accomplish in the coming fiscal year, FY21.

Objective 1

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| Objective 1: What was this department's first objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year. | Yes. The AMST department added an additional cohort fall of 2019. Two cohorts (25-30 students per cohort) started in fall of 2019, rather than just one. |
| Objective 1: Detail how your department measured this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort) | Number of participants |
| Objective 1: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement) | 25% growth. Increased the number of cohorts in the program from four to five. |
| 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) | Objective was met at approximately 25%. |
| Objective 1: Did your department meet this objective? | The department met this objective. |
| Objective 1: What did your department learn from working toward this objective? What changes will you make based on this effort next year? | 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. |

Objective 2

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| Objective 2: What was this department's second objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year. | Increase the number of dual enrollment ASTP students to 5. This seems a viable area of program growth. Four highschools are within reasonable driving distance of the Eastman campus. |
| Objective 2: Detail how your department measured this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort) | number of participants |
| Objective 2: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement) | 400% increase in DE AST students |
| 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) | Break even. Only one new DE AST student was added. 0% increase |
| Objective 2: Did your department meet this objective? | The department did not meet this objective. |
| Objective 2: What did your department learn from working toward this objective? What changes will you make based on this effort next year? | More, and earlier marketing of the program is needed. Also, local high schools are not particularly receptive to the DE AST option. I am not sure why this is, but we receive very little support in marketing of this program from the local school system. |

Objective 3

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| Objective 3: What was this department's third objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year. | Start the first cohort of AST students by fall 2020 at Commodore Conyers College and Career Academy. |
| Objective 3: Detail how your department measured this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort) | Number of participants |
| Objective 3: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement) | 5- 10 DE AST students in the Albany area. Establish new site program. |
| 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) | 0 |
| Objective 3: Did your department meet this objective? | The department did not meet this objective. |
| Objective 3: What did your department learn from working toward this objective? What changes will you make based on this effort next year? | Coordination with Commodore Conyers College and Career Academy came to an abrupt halt in early spring 2020 due to COVID-19. We are still working with 4C to open program in the future. However, it will not materialize in 2020-2021 academic year. |

Objective 4

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| Objective 4: What was this department's fourth objective for this fiscal year? Objectives should be specific, measurable, and achievable within one year. | Add to number of "mini-certifications" available by applying for grants. |
| Objective 4: Detail how your department measured this objective? (Survey, budget number, number of participants, jobs completed, measurable time and/or effort) | number of participants. Sixty students were able to receive this "mini- certification" during the summer 2020 Comm/Nav course (AMTP 2090). |
| Objective 4: What was your target outcome for this objective? (1.e. 80% participation, 5% enrollment growth, 7% change in engagement) | Add one additional "mini- certification". |
| 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) | One "mini- certificate" was added. Snap-On/NC3 Digital Multimeter Training |
| Objective 4: Did your department meet this objective? | The department met this objective. |
| Objective 4: What did your department learn from working toward this objective? What changes will you make based on this effort next year? | Worked with Julie Davis and the University Foundation to procure grant funding for certification training equipment. Over sixty AMT students were able to participate in the "mini-certification" during the summer aircraft electrical course (AMTP 2090). |

Future Plans

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| <p>Please identify and detail three to 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 of X will provide training in ABC for at least 73 MGA faculty and staff.</p> | <p>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. 2. Increase the number of dual enrollment ASTP students by 100%. 3. Complete preparations to start the first cohort of AST students by fall 2021 at Commodore Conyers College and Career Academy. 4. Add one additional "mini-certification" to the AMST department by applying for grants.</p> |
| <p>Based on this assessment, please share your thoughts on the current status and future direction of this department or area.</p> | <p>The AMST department is experiencing rapid growth and change. Even in the environment of COVID-19 the department is showing growth. This past spring, the AMST department was challenged to provide theory instruction completely online. We were able to accommodate this need for remote instruction during the height of the COVID epidemic. During the summer months we were able to bring smaller cohorts on campus to complete practical/lab training missed during the spring. 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. This department is very dependent on hands on training. Going forward our quality of training will be dependent on access to the physical training facilities. We still have some infrastructure issues, but I believe this is beginning to be addressed. The infrastructure on the Eastman campus is 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. The AMST faculty, and the staff that support them, are dedicated to the success of its students. In order to "catch the students up", instructors came in this summer, off contract, to complete practical assignments with students. The department continues to work very hard to foster good working relationships with industry, especially during this down turn in the industry, and we are confident that these partnerships will be strong as we rebound together. Our graduates</p> |

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| | are sought after by industry, and word of mouth from industry, is driving record enrollment numbers. 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. |
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Open Box for Additional Comments

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| Open Text Box For Assessment Comments: | |
| If the COVID-19 pandemic impacted this assessment cycle, please provide specific details below. | |

