

# Undergraduate Certificate in Aviation Maintenance Technology, Airframe

## Sample Plan

The academic plan below is one pathway through the degree/certificate. It includes all requirements, taking into account recommendations from program faculty. Each student's plan may vary according to their initial course placement (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/academicstandardsregulations/courseplacement/>), intended course load, additional majors and/or minors, and their placement into required prerequisite courses. Any change in the plan below can have an unforeseen impact on the rest of the plan. **Therefore, it is very important to meet with your academic advisor to verify your personal academic plan.**

**Please review the following terms, definitions, and resources associated with the sample academic plan below.**

- Each course in the far left column links to a pop-up bubble with a course description, prerequisite requirements, and associations with university requirements. For example, if a course fulfills a general education requirement, you will see that in the pop-up bubble.
- **GER:** indicates a General Education Requirement (<http://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/gers/>). GERs that also count toward degree/certificate requirements appear as a specific course in the plan. For these courses, "GER" is not indicated explicitly in the table, but if you click on the course, you will see the course's GER status in the pop-up bubble.
- **Program Elective:** indicates a specific course selection determined by program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- **Elective:** indicates an open selection of 100-400 level university courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate.
- **Upper Division Program Elective:** indicates a specific 300-400 level course selection determined by the program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- **Upper Division Elective:** indicates an open selection of 300-400 level courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate. These courses must be upper division in order to meet General University Requirements for the particular degree/certificate type.

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
Sample Plan begins First Year Spring semester		
	<b>Credits</b>	<b>0</b>
<b>Spring</b>		
AMT A170	Aircraft Ground Operations and Safety	1
AMT A171	Basic Aerodynamics	3
AMT A172	Aircraft Publications, Regulations, and Records	3
AMT A174	Fundamentals of Aircraft Electronics	3
AMT A174L	Fundamentals of Aircraft Electronics Lab	2
AMT A175	Drawing and Precision Measurement	2
AMT A176	Aircraft Materials and Processes I	2
	<b>Credits</b>	<b>16</b>
<b>Second Year</b>		
<b>Fall</b>		
AMT A272	Aircraft Electrical Hardware and Systems	3
AMT A273	Aircraft Fluid Power Systems	2
AMT A273L	Aircraft Fluid Power Systems Lab	2
AMT A274	Aircraft Electronic Systems	5
AMT A274L	Aircraft Electronic Systems Lab	1
	<b>Credits</b>	<b>13</b>
<b>Spring</b>		
AMT A181	Aircraft Fuel Systems	3
AMT A181L	Aircraft Fuel Systems Lab	1
AMT A185	Aircraft Sheetmetal Structures	3
AMT A185L	Aircraft Sheetmetal Structures Lab	2
AMT A186	Aircraft Non-Destructive Inspection Methods	3
	<b>Credits</b>	<b>12</b>
<b>Third Year</b>		
<b>Fall</b>		
AMT A283	Aircraft Auxiliary Systems	3
AMT A283L	Aircraft Auxiliary Systems Lab	1
AMT A285	Aircraft Bonded Structures	4
AMT A285L	Aircraft Bonded Structures Lab	1
AMT A286	Aircraft Materials and Processes II	2
AMT A364	Aircraft Avionics Systems	3
AMT A369	Airframe Assembly and Inspections	3
AMT A369L	Airframe Assembly and Inspections Lab	2
	<b>Credits</b>	<b>19</b>
	<b>Total Credits</b>	<b>60</b>