

Undergraduate Certificate in Aviation Maintenance Technology, Airframe

The Undergraduate Certificate in Aviation Maintenance Technology (AMT), Airframe, is designed to prepare graduates for employment as maintenance technicians in general aviation, corporate aviation, airlines or aerospace manufacturers. In addition to traditional aircraft maintenance courses, the curriculum emphasizes modern aircraft systems.

Admission Requirements

- Complete the Admission Requirements for Undergraduate Certificate Programs (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).
- Apply for admission to the AMT Airframe program by contacting the Aviation Technology Division (ATD) at 2811 Merrill Field Drive in Anchorage, calling (907) 786-7200 or visiting www.uaa.alaska.edu/aviation (<http://www.uaa.alaska.edu/aviation/>).
- Present evidence of a proficiency in mathematics at or exceeding the MATH A104 level. An appropriate score on a math placement test may be used.
- Demonstrate English language proficiency through placement into WRTG A110 (or higher), ACT English scores, SAT Critical Reading scores or an appropriate score on the UAA-approved English placement exam. Generally, applicants eligible for entry into WRTG A110 have sufficient proficiency for entry into the AMT program.

Graduation Requirements

- Complete the General University Requirements for Undergraduate Certificates (<http://catalog.uaa.alaska.edu/undergraduateprograms/certificaterequirements/>).
- Complete the following major requirements:

Code	Title	Credits
AMT A170	Aircraft Ground Operations and Safety	1
AMT A171	Basic Aerodynamics	2
AMT A172	Aircraft Publications, Regulations, and Records	2
AMT A174 & A174L	Fundamentals of Aircraft Electronics and Fundamentals of Aircraft Electronics Lab	4
AMT A175	Drawing and Precision Measurement	1
AMT A176	Aircraft Materials and Processes I	2

AMT A181 & A181L	Aircraft Fuel Systems and Aircraft Fuel Systems Lab	4
AMT A185 & A185L	Aircraft Sheetmetal Structures and Aircraft Sheetmetal Structures Lab	4
AMT A186	Aircraft Non-Destructive Inspection Methods	2
AMT A273 & A273L	Aircraft Fluid Power Systems and Aircraft Fluid Power Systems Lab	3
AMT A274 & A274L	Aircraft Electronic Systems and Instruments and Aircraft Electronic Systems and Instruments Lab	5
AMT A283 & A283L	Aircraft Auxiliary and Avionics Systems and Aircraft Auxiliary and Avionics Systems Lab	3
AMT A285 & A285L	Aircraft Bonded Structures and Aircraft Bonded Structures Lab	3
AMT A286	Aircraft Materials and Processes II	1
AMT A288 & A288L	Airframe Assembly and Inspections and Airframe Assembly and Inspections Lab	5
Total		42

A minimum of 42 credits is required for the certificate.