## Airframe Maintenance Technician Certificate

Program Start: Fall and Spring Program Length: 5 Quarters Prerequisites: None Total College Credits: 108 Students are highly encouraged to check with the RS counselor for more information about program requirements.

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| High School | College |
| Core Science Credit | Basic Math, Basic Physics, and Weight and Balance – AMT 104 (5 credits) Basic Electricity – AMT 109 (4 credits)  Materials & Processes – AMT 119 (5 credits) Advanced Electricity – AMT 125 (4 credits)  Aircraft Fuel Systems, Ice & Rain Control Systems, & Fire Protection Systems – AMT 133 (4 credits)  Sheet Metal Structures – AMT 135 (4 credits) Assembly & Rigging – AMT 139 (4 credits) Aircraft Landing Gear – AMT 140 (3 credits)  Hydraulic & Pneumatic Power Systems – AMT 141 (3 credits) Airframe Electrical Systems – AMT 143 (5 credits)  Engine Electrical Systems – AMT 144 (5 credits)  Cabin Atmosphere Control Systems – AMT 145 (3 credits)  Aircraft Instrument, Communication & Navigation Systems – AMT 146 (3 credits) Helicopter Operations & Maintenance Practices – AMT 208 (4 credits)  Basic Rotor Systems Maintenance & Repair – AMT 210 (4 credits) Advanced Rotor Systems Maintenance & Repair – AMT 212 (4 credits)  Helicopter Systems – AMT 215 (4 credits) |
| Core Math Credit | Basic Math, Basic Physics, and Weight and Balance – AMT 104 (5 credits)  Any 100-Level Math Class (5 credits) |
| Core English Credit | English Composition I – ENGL& 101 (5 credits)  Public Speaking – CMST& 220 (5 credits) |
| Core Social Studies | General Psychology – PSYC& 100DIV (5 credits) Introduction to Sociology – SOC& 101DIV (5 credits)  Psychology of the Workplace – PSY 112DIV (5 credits) |
| CTE Credits/Optional Elective | College Success for All – COLL 102 (3 credits)  Aircraft Drawings, Cleaning & Corrosion Control, Ground Operations & Servicing, and Fluid Lines and Fittings – AMT 116 (5 credits)  Maintenance Forms & Records, Publications, and Mechanics Privileges & Limitations – AMT 127 (4 credits)  Wood Structures, Aircraft Coverings, & Finishes – AMT 132 (4 credits) Welding, Position & Warning Systems – AMT 136 (3 credits)  Non-Metallic Structures – AMT 137 (4 credits) Aircraft Inspections – AMT 138 (4 credits)  Hangar Operations & Maintenance – AMT 142 (3 credits) |