

A blue-tinted photograph of an aircraft engine with a person working on it. The person is wearing a dark jacket and is positioned in the lower right, looking towards the engine. The engine is a large, complex mechanical structure with various pipes and components. The background shows the fuselage of the aircraft.

Career Tech

Aviation Maintenance



Northwest Education Services






Aviation Maintenance

Career Tech
Northwest Education Services

Learn about the mechanics of flight and components of modern aircraft.

The air transportation industry relies on equipment which must function as designed at all times. The Career Tech Aviation Maintenance program is designed to introduce key aspects of maintenance, troubleshooting, repair and inspection of various aircraft and power plants. Students will use hand and power tools as well as sophisticated test equipment as they learn the value of high standards of workmanship necessary to succeed in the career field of aviation maintenance.

Learn more

-  Talk to your high school counselor
-  231.922.7846
-  Career Tech | 880 Parsons Road | Traverse City 49686

Core Skills

- Teamwork/employability
- Airframe structure inspection
- Troubleshoot and repair hydraulic systems
- Understand flight controls and landing gear
- Physics of flight
- Sheet metal fabrication

Future Career Options

- Aviation maintenance technician
- Aviation inspector
- Engine and machine assemblers
- Aircraft structure, surfaces, rigging and system assemblers
- Airframe & Powerplant (A&P) Certified technician

Certifications/Academic Credit

- 4th Yr. Math credit
- English credit
- Foreign Object Elimination Certification
- PASSES EDGE workplace safety certificate
- 3rd Yr. Science waiver option
- 2nd Yr. World Language waiver option

Setting Students up for Success

Students will gain knowledge through a hands-on approach to learning the mechanics of flight, maintenance and components of modern aircraft. Job shadow and work experience programs often lead to employment following graduation.

Leadership & Scholarship Opportunities

Club participation, competition and leadership can occur with Skills USA, National Technical Honor Society and student council.