

Aviation Technology— STEM



- ◆ **Location:** WANIC at LWTech
- ◆ **3 High School Credits:** CTE (2.0), Lab Science (1.0)
- ◆ **Program fees apply** (financial assistance may be available for qualifying students)
- ◆ **College Credits available:** (contact WANIC to find out more)
- ◆ **Prerequisite:** Geometry

This is a full year 3-period Skill Center class (3 high school credits). This STEM enriched course is an entry point into a multitude of careers in the aerospace industry including Airline Pilot, Aerospace Engineer, Unmanned Aircraft Systems Operator (Remote Pilot), and Air Traffic Controller. Students will have the opportunity to earn a private pilot ground school certificate - VFR/IFR/Drone. This program offers a broad foundation in aviation science.

AOPA Curriculum includes:

- Private Pilot Ground School (FAA Approved)
- Introduction to Aircraft Systems
- Aviation Safety and Human Factors
- Aerospace Environment & Decision Making
- Aviation History and Careers
- Intro to Navigation and Flight Planning
- Basic Aerodynamics
- Aerospace Engineering Design Process
- Aviation Weather
- National Airspace System
- Basic Flight Instruction (Simulators)
- Professionalism/Leadership Skills

wanic.org



Aviation Technology—STEM

Aviation Technology students may pursue a variety of career options.

Median Yearly Salary Washington State*

◆ Aerospace Engineer	\$152,350
◆ Pilot/Copilot	\$105,794
◆ Air Traffic Controller	\$78,800
◆ Airfield Operations Specialist	\$77,450
◆ Aircraft Mechanic/Service Technician	\$76,730
◆ Avionics Technician	\$69,280
◆ Aircraft Assembler	\$62,680
◆ Unmanned Aircraft Systems Operator	\$60,360

*Sources: careeronestop.org U.S. Department of Labor and bls.gov/ooh U.S. Bureau of Labor Statistics 2022

PREPARE FOR COLLEGE AND A CAREER!

WANIC (Washington Network for Innovative Careers) is a regional skill center in Northeast King County. WANIC provides advanced level Career and Technical Education (CTE) programs based on rigorous academic and industry standards preparing students for career and college readiness. WANIC Skill Center programs are delivered through a system of branch campuses in seven participating districts. The skill center programs provide dual credit opportunities (both high school and college credit) and/or lead to industry certifications.

Washington Network for Innovative Careers

WANIC Skill Center serves high school students from these School Districts:

Bellevue ◆ Issaquah ◆ Lake Washington
Mercer Island ◆ Northshore ◆ Riverview ◆ Snoqualmie Valley

WANIC Skill Center

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wanic.org

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