



**10 YEARS WATR**  
WASHINGTON AEROSPACE  
Training & Research Center  
*Powered by Edmonds College*



**12 WEEKS  
TO A CAREER IN  
MANUFACTURING**

[WASHINGTONAEROSPACE.COM](http://WASHINGTONAEROSPACE.COM)

# WASHINGTON AEROSPACE TRAINING & RESEARCH (WATR) CENTER

The Washington Aerospace Training & Research (WATR) Center of Edmonds College offers specialty manufacturing programs. These aerospace-focused certificates can lead to high-wage, high-demand jobs in JUST 12 WEEKS.

## PROGRAM HIGHLIGHTS

- ➔ New certificates start every ~30 days, year-round
- ➔ Acquired skills are transferable to manufacturing sectors including aerospace, technology, maritime, construction, medical, and more
- ➔ Complete multiple WATR Specialty Certificates to achieve a wider skillset
- ➔ Specialist available to assist with career search
- ➔ Online segments are self-paced and flexible for *your* schedule
- ➔ Hands-on training reflects working in the industry
- ➔ Small class sizes
- ➔ Select programs offered in Spanish
- ➔ Earn college credit

1

Check out the certificates online at [WASHINGTONAEROSPACE.COM](http://WASHINGTONAEROSPACE.COM)

### STEPS FOR GETTING STARTED

2

Begin with the **MANUFACTURING CORE CERTIFICATE**

3

Take your chosen **SPECIALTY CERTIFICATE**

### PREREQUISITES

- *At least 8th grade level reading and math skills* are suggested for all certificates
- Must be **over 18 years of age** to participate in lab portions of Specialty Certificates
- **NO placement tests**

- The **Manufacturing Core Certificate** must be completed in order to register for all WATR Specialty Certificates

### SPECIALTY CERTIFICATES

Electrical Assembly Mechanic

Manufacturing Assembly Mechanic

Manufacturing Composites

Tooling Mechanic

Quality Assurance (QA)

## 12 WEEK CERTIFICATE PROGRAMS

### MANUFACTURING CORE CERTIFICATE

4 Weeks | 9 Credits | Available in English (100% online) or Spanish (in-person)

→ *Prerequisite for ALL SPECIALTY CERTIFICATES*

Introduction to the manufacturing industry, and general manufacturing procedures, with an emphasis on aerospace.

### SPECIALTY CERTIFICATES

#### ELECTRICAL ASSEMBLY MECHANIC CERTIFICATE

8 Weeks | 16 Credits | 50% Online - 50% Lab

Electrical assembly and soldering skills for careers in the manufacturing industry.

#### Samples of Career Paths

Electronic Assembler - Assembler - Assembly Worker - Production Worker - Factory Assembler - Factory Worker - Soldering Technician - Solar Thermal Installers and Technicians - Helpers-Production Workers - Armature Assembler - Breaker Units Assembler - Final Motor Assembler - Gear Assembler - Wind Turbine Service Technician

#### MANUFACTURING ASSEMBLY MECHANIC CERTIFICATE

8 Weeks | 18.5 Credits | 50% Online - 50% Lab

Use a wide range of tools and materials in order to assemble machines, tools, and structures.

#### Samples of Career Paths

Sheet Metal Assembler and Riveter (SMAR) - Structures Technician - Helicopter Mechanic - Aircraft Line Assembler - Assembly Riveter - Helicopter Technician - Line Assembler - Structures Mechanic - Helpers-Production Workers

### MANUFACTURING COMPOSITES CERTIFICATE

8 Weeks | 19 Credits | 40% Online - 60% Lab

Manufacturing composites as used in aerospace and other industries.

#### Samples of Career Titles

Composite Assembler - Composite Technician - Laminator - Process Technician - Procurement Agent - Plastic Assembler - Deburer - Resin Core Application Technician - Helpers-Production Workers

#### TOOLING MECHANIC CERTIFICATE

8 Weeks (4 hour lab) or 12 Weeks (8 hour lab)

17 Credit Hours | 40% Online - 60% Lab

Detail-oriented production of tools, jigs, and other manufacturing equipment to designed to meet precise specifications.

#### Samples of Career Paths

Toolmaker - Carbide Tool and Die Maker - Die Maker - Helpers-Production Workers - Jig and Fixture Builder - Jig and Fixture Repairer - Tool Repairer - Tool and Die Machinist - Tool and Die Maker - Trim Die Maker - Maintenance and Repair Workers, general

#### QUALITY ASSURANCE (QA) CERTIFICATE

8 Weeks | 16 Credits | 50% Online - 50% Lab

→ *Required prerequisite: One other WATR Specialty Certificate OR previous manufacturing experience.*

Quality assurance, conflict resolution, and processes, in respect to manufacturing.

#### Samples of Career Paths

Aircraft Inspector - Aircraft Quality Control Inspector - Airworthiness Safety Inspector - Aviation Safety Inspector - Avionics Safety Inspector - Helpers-Production workers - Technical Inspector - Quality Assurance Inspector - Assembly Inspector - Maintenance Inspector

## WATR CENTER TUITION

### MANUFACTURING CORE CERTIFICATE

*Pay for and pass the Manufacturing Core before paying for specialty certificate(s).*

\$2,500

### SPECIALTY CERTIFICATE

\$3,200

2 payments = \$5,700 TOTAL

### FINANCIAL ASSISTANCE OPTIONS

- The Aerospace Loan Program (ALP)
- GET Program
- GI Bill® Program
- Sallie Mae Loan Program
- Private scholarships & loans
- Assistance from WorkSource, Labor & Industries (L&I), BFET, and other programs

*For more information on available Financial Assistance, visit [WashingtonAerospace.com](http://WashingtonAerospace.com)*

***NO hidden costs!*** Tuition covers everything

## REGISTER FOR CLASSES

*Choose one of three ways to register:*

- ✈ **In-person\***: At the WATR Center
- ✈ **Online**: [WashingtonAerospace.com](http://WashingtonAerospace.com)
- ✈ **Phone**: 425.640.1840

## HOW TO PAY

*Split it up into two easy payments!*

- 1.** Pay for the Manufacturing Core Certificate
- 2.** Pay for your Specialty Certificate after you pass the Manufacturing Core Certificate

Credit cards and other methods of payment are accepted. For more information, visit [students.edmonds.edu/ctclink](http://students.edmonds.edu/ctclink).

*GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at [benefits.va.gov/gibill](http://benefits.va.gov/gibill).*



## The Washington Aerospace Training & Research (WATR) Center

**INFORMATION & REGISTRATION: 425.640.1840 | [watrc@edmonds.edu](mailto:watrc@edmonds.edu)**

Located on Paine Field | 3008 100th St SW | Everett, WA 98204

***\*WATR Campus is currently operating remotely due to the COVID-19 Pandemic.***

*Edmonds College does not discriminate on the basis of race; color; religion; national origin; sex; disability; sexual orientation; age; citizenship, marital, or veteran status; or genetic information in its programs and activities. The nondiscrimination language is available in multiple languages at [edcc.edu/nondiscrimination](http://edcc.edu/nondiscrimination).*