

## GET REAL-WORLD EXPERIENCE IN MANUFACTURING TODAY!

You have more options than ever after high school. Whether you plan to enter the workforce, join the military, pursue an apprenticeship or college, Core Plus Aerospace can help. Developed and supported by industry leaders including Boeing, Core Plus Aerospace will give you opportunities to take

hands-on classes and explore careers in manufacturing while you are still in high school. You will graduate with more options and a clear advantage when applying for jobs, apprenticeships, and certificate and degree programs in fields like avionics, applied science, engineering, mechatronics, and more.

### DID YOU KNOW?

**\$87K**

the average annual compensation for manufacturing workers in Washington state

**300K**

manufacturing jobs in Washington state, and a large portion of the state's manufacturing workforce will be eligible for retirement in the next few years

**1/3**

of U.S. manufacturing workers today are women

### WHAT YOU WILL LEARN

Core Plus Aerospace is a two-year high school manufacturing curriculum that prepares you for high-demand jobs through hands-on learning.

- In the first year you'll learn foundational manufacturing skills that are common across all industries such as shop safety, materials science, precision measurement, and the use of hand and power tools.
- In the second year you'll learn industry skills specific to aerospace. This includes coursework in areas such as fiber optics, advanced composites, and robotics.

Along with manufacturing skills, you'll learn universal skills that employers and apprenticeship and college programs want. These include skills like time management, problem solving, adaptability, and team building. You'll have opportunities to build your resume and be encouraged to engage in clubs and competitions through organizations like Skills USA and First Robotics.



## FREQUENTLY ASKED QUESTIONS

### Is Core Plus Aerospace offered at my school?

Talk to your guidance counselor to see if Core Plus Aerospace is offered at your school or a skill center near you. You can also check the location finder tool at [coreplusaerospace.org](http://coreplusaerospace.org).

### What kind of credits can I earn through Core Plus Aerospace?

Depending on your district, you can earn math, science, English, Career and Technical Education (CTE), and elective credits. Check in with your guidance counselor for more information.

### What does a Core Plus Aerospace class look like?

This is a class where students learn by doing. Most often you're up, out of your seat, working on hands-on projects with classmates, and making things happen.

Visit our YouTube page by searching [coreplusaero](https://www.youtube.com/coreplusaero) for videos of a Core Plus Aerospace class in action and hear from students, graduates, and teachers about their experiences.

### When should I start thinking about taking a Core Plus Aerospace class?

If you enjoy hands-on learning and want to explore the manufacturing industry, now is the time. Talk to your guidance counselor and include Core Plus Aerospace in your High School and Beyond Plan. Some districts start offering this curriculum in middle school.

### Along with credit for graduation is there anything else I earn?

Core Plus Aerospace students will receive a Certificate of Competency that is backed by industry leaders like Boeing and details all the skills they have mastered. The Certificate is a signal that high school graduates are ready to enter the manufacturing workforce, apprenticeships, and certificate and degree programs at two- and four-year colleges. Many companies, including Boeing, will pay for college education once you are employed.



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