

GET REAL-WORLD EXPERIENCE IN AEROSPACE AND ADVANCED 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 attend 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

aerospace and advanced 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?

\$96K

the average annual compensation for manufacturing workers in Washington state

265K

manufacturing jobs in Washington state, and an increasingly large portion of the state's manufacturing workforce is becoming eligible for retirement

6,500+

manufacturing firms in Washington state

WHAT YOU WILL LEARN

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

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

Along with aerospace and advanced 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 SkillsUSA 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.

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 and include Core Plus Aerospace coursework and an associated high school internship into your High School & Beyond Plan.

Can I use Core Plus Aerospace to meet my high school graduation pathway requirement?

Yes. The state has approved Core Plus Aerospace as a CTE Sequence Graduation Pathway. Talk to your counselor and your teacher for further guidance.

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" to see 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 career opportunities in aerospace and advanced manufacturing, 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. Visit coreplusaerospace.org/resources for a year-by-year planning checklist for middle and high school students to map their plan from Core Plus Aerospace coursework to post-high school training, credentials, and job opportunities.

Along with credit for graduation, is there anything else I learn?

Core Plus Aerospace students will receive a Certificate of Competency that is backed by industry leaders like Boeing and details specific skills they have mastered. The Certificate is a signal that, upon graduation from high school, you 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.

What other opportunities are available to Core Plus Aerospace students?

In addition to hands-on classroom instruction and industry exploration, Core Plus Aerospace students will have opportunities to compete in statewide hands-on skills competitions through SkillsUSA and will be invited to apply for the Core Plus Aerospace paid summer internship program, sponsored by Boeing. Some schools also offer dual-credit opportunities, enabling students to earn college credit while completing Core Plus Aerospace and advanced manufacturing coursework in high school.



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