

HELP YOUR STUDENT HAVE MORE OPTIONS AFTER GRADUATION

There will be more than 4 million open manufacturing jobs in the U.S. in the next decade. There are 265,000 jobs right here in Washington state and an increasingly large portion of that workforce is becoming eligible for retirement. Washington manufacturers need talented workers and the door will be open to a new generation of employees.

Developed and supported by industry leaders like Boeing, Core Plus Aerospace gives students the real-world skills they need to launch careers in aerospace and advanced manufacturing. This two-year high school advanced manufacturing curriculum paves the way to good-paying jobs and gives students a clear advantage when pursuing apprenticeships, industry certificates, and college degrees.

DID YOU KNOW?

\$96K

the average annual compensation for manufacturing workers in Washington state

265K

manufacturing workers 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

THE CURRICULUM

The first year of Core Plus Aerospace's two-year, advanced manufacturing curriculum focuses on 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.

The second year consists of industry-specific courses in aerospace. This includes coursework in areas such as fiber optics, advanced composites, robotics, and more.



FREQUENTLY ASKED QUESTIONS

Is Core Plus Aerospace available at my student's school?

Visit coreplusaerospace.org and use the location tool to find programs near you.

What can I do if Core Plus Aerospace isn't offered at my school?

Visit coreplusaerospace.org to subscribe to email updates and learn when Core Plus Aerospace expands to new locations. Reach out to your school or district Career and Technical Education (CTE) director and encourage them to bring Core Plus Aerospace to your student. Talk to your student's counselor about other options to pursue internships or onsite learning opportunities with local industry.

What kind of credit can a student earn taking Core Plus Aerospace?

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

What other opportunities does Core Plus Aerospace offer?

In addition to classroom instruction and industry exploration, Core Plus Aerospace students will have opportunities to compete in statewide skills competitions through SkillsUSA and they are invited to apply for the Core Plus Aerospace paid summer internship program, sponsored by Boeing.

Many schools also offer dual-credit opportunities, enabling students to earn college credit while completing Core Plus Aerospace and advanced manufacturing coursework in high school.

What types of jobs or college programs are good destinations for Core Plus Aerospace students?

Students who complete the Core Plus Aerospace curriculum will be ready to apply directly for manufacturing jobs. Boeing alone has hired more than 700 high school graduates of Core Plus Aerospace programs in the last five years.

Core Plus Aerospace students also have a practical foundation in manufacturing that gives them a clear advantage in pursuing apprenticeships and postsecondary programs in fields like avionics, engineering, mechatronics, and more. Many Washington manufacturing companies, including Boeing, pay for their employees to go to college.

What does a Core Plus Aerospace class look like?

This is an environment where students learn by doing, applying math and science to real-world experiences. Students are up, out of their seats, working on hands-on projects with classmates and making things happen. Visit our YouTube page by searching around "coreplusaero" for videos of a Core Plus Aerospace class in action and testimonials from current students, graduates, and teachers.

When should I start talking to my student about Core Plus Aerospace?

If your student is a hands-on learner or wants to explore the manufacturing industry, now is the time. Talk to your student about including Core Plus Aerospace and advanced manufacturing coursework in their High School and Beyond Plan. Some districts start offering this curriculum in middle school.

Along with credit for graduation, is there anything else my student earns?

Core Plus Aerospace and advanced manufacturing students will receive a Certificate of Competency that is backed by industry and details their specific skills set. 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.



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