



An Association of Northeast Washington
Career and Technical Education Administrators

Career Connections

SPOTLIGHT ON: Aerospace Engineering & Manufacturing

Spokane Public Schools offers a CTE course at Shadle Park High School in Aerospace Engineering & Manufacturing. It is a Core + designed course that carries equivalencies in English Language Arts, Science, and Math. It is designed for students who have an interest in the Aerospace industry, and might be thinking of going to work for the Boeing Corporation. It is most definitely a hands on course that provides students experience and learning related to Computer-Aided Design, Aerospace Composites, Aerospace Machining, Marine Technology, Metal Fabrication, Principles of Engineering and Construction. Students also focus on safety, materials science, tools and measurement, critical thinking, applied mathematics, print reading, and technical writing. Year 2 further prepares students for post-secondary success in the manufacturing and materials engineering industries, and expands the student's learning in the areas of maintenance, fasteners, drilling, sawing, mill and lathe use.



We have recently partnered with the Aerospace Joint Apprenticeship Committee (AJAC), to launch the first youth apprenticeship in manufacturing on the east side of Washington State. Students will have the opportunity to earn industry certification, college credit, participate in a paid internship, and graduate with a Journeyman's card by completing the 144 hours of college course work and the 2000 hours of apprentice work. We are very excited about the opportunities this course will provide students as well as the partnerships it will help us develop with local business and industry.