



COMPOSITES ENGINEERING & DESIGN

Do you want to design and build fun projects like snowboards, skateboards, guitars, sporting equipment, aerospace, auto, and marine fabrications, and more? Composite manufacturing and materials engineering have evolved into a diverse industry with applications in:

- Construction
- Alternative energy
- Consumer products
- Medicine
- Aerospace, marine, and automotive engineering

...and much more!

The manufacturing of composite structures is a unique process that requires the understanding of the relationship between materials and their affects on the finished product. This course has a **strong lab component** that provides students with many applicable hands-on experiences as well as numerous opportunities to earn **industry certification** and **college credit**.



For more information, and to access the program application, please go to: www.wanic.org.



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DID YOU KNOW...

...that the composites industry is sustainable with over 30,000 known applications?

...that the Washington State Workforce Training and Education Coordinating Board rated Aerospace and Composites Manufacturing as one of the top career cluster/pathways in Snohomish and King Counties?

...that you can earn industry certification through Washington Aerospace Training & Research Center?

...that you may be able to earn up to 8 college credits through Tech Prep?

Potential Careers

- Aerospace engineering
- Bionanotechnology
- Electronic, optical & magnetic Materials
- Energy
- Materials chemistry, modeling, and physics
- Metals and alloys
- Molecular engineering
- Photonics
- Polymer sciences/engineering



What will you make?

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