



Composite Engineering & Manufacturing

3 High School Credits

- Location: Bothell High School
- Tech Prep College Credits: Earn up to 8 credits
- Course Equivalency: Pending
- Program fees may apply (financial assistance may be available for qualifying students)

Composite Engineering & Manufacturing consists of units in Manufacturing, Engineering, Computer Aided Design, Tooling, and hands-on use of composite materials. Upon successful completion of the class student's may earn college credit through Edmonds Community College and the Washington Aerospace Training & Research (WATR) Center. This course is designed to prepare students to enter the workforce directly from high school or continue their education in composite manufacturing careers.

The course is designed to be hands-on in nature and will provide many opportunities for students to pursue projects that are enjoyable and educational using composite materials. Students will experience composite application in aerospace, automotive, sports, marine, and music. Examples include consumer products like clipboards, light switch covers, phone cases, snowboards, and skateboards.

It is expected that students will be working on bigger scale projects in the second half of the year that may include small marine craft, auto body parts, and construction materials.

Students will have the opportunity to explore their own ideas, innovate, and use creativity on their own projects. Emphasis will be placed on creativity and follow through with individual projects.



WANIC (Washington Network for Innovative Careers), is a regional skill center in Northeast King County. WANIC provides advanced-level Career and Technical Education programs based on rigorous academic and industry standards preparing students for career and college readiness.

WANIC Skill Center programs are delivered through a system of branch campuses in six participating districts. The skill center programs provide dual credit opportunities (both high school and college credit) and/or lead to industry certifications.

Bellevue School District
Everett Public Schools
Issaquah School District
Lake Washington School District
Northshore School District
Riverview School District
Snoqualmie Valley School District

WANIC Skill Center

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