

COMPOSITE SENIOR PROJECT



Composites/Manufacturing is a branch of Engineering Manufacturing that teaches students to design, create, and build various parts and equipment used in every day to improve the quality of life.

This course is setup to help students continue to build skills they learned in the early composite courses. Learn advanced mold making techniques. This is an independent course set to finish large scale projects. Further engineering courses follow this course at the Granite Technical Institute. They have incentive programs with concurrent enrollment at local universities and are linked with scholarship opportunities. Local engineering companies also offer internship opportunities and employment upon completion of program.

Topics Covered

- Precision Measuring
- Additive Manufacturing
- Vacuum Bagging
- Vacuum Infusion
- Advanced Mold Making
- Carbon Fiber Park Skinning
- Part Finishing
- Advanced mold making techniques

Career Paths

- Aerospace Engineering
- Engineering Technician
- Industrial Engineering Technician
- Materials Engineer
- Mechanical Engineer
- CTE Teacher
- Mechanical Drafter
- Tool and Die Maker



To Register, submit a GTI Application (signed by parent).

Visit the GTI website or contact your school counselor for an application.

Utah Aerospace Certification upon completion of Internship

Granite School District does not discriminate on the basis of race, color, sex, pregnancy, religion, national origin, marital status, disability, sexual orientation, gender identity, age, or any other legally protected classification in educational programs, activities, or access to facilities.



Location

Granite Technical Institute
2500 S. State St.

Transportation

School bus available to & from GTI

Grade Level

12th grades

Pre-Requisites

Composites 1 and Composites 2

Class Times

2-period Block

Credits

1.0 CTE, Elective

Length

Semester

Fees

Lab fees required.

Fee waivers available for qualifying students at their home high school.

Certification

Utah Aerospace Certification
(completion of Internship)