

Summer STEM Academy for

2017

Manufacturing



Students participating in summer STEM academy at Grants Pass High School will get to explore a variety of tools in the manufacturing industry. There will be hands on experiences and exposure to a variety of equipment and each student will walk away from their week in the classroom with a personalized project that they designed and fabricated.

STEM Academy Choices

Dates: **Session 1: August 14 – 17**

- Intro to Drafting and Design:** exploration of Engineering and Architecture, 3D printing, CNC Routers, and more
- Intro to Woodworking:** exploration of CNC router, CO2 laser, and more

Session 2: August 21 – 24

- Intro to Drafting and Design:** exploration of Engineering and Architecture, 3D printing, CNC Routers, and more
- Intro to Woodworking:** exploration of CNC router, CO2 laser, and more
- Intro to Metals:** exploration of basic sheet metal and iron working, and more

Dress Code: Students are required to wear clothes appropriate for the manufacturing shop. This means no open toed shoes or baggy clothing. Long hair should be tied back and shorts are discouraged. Safety glasses will be provided when in the shop.

Who: Students entering 7th – 9th grade (current middle school students)

Space is limited to 15 students per course. Please choose just one week per student.

Time: 9:00 a.m. – 2:00 p.m. daily

Lunch: Provided

Fee: Free of charge

Location: Grants Pass High School

Summer STEM Academy Registration Form

Students may participate in only one session.

Space is limited to 15 students per course. Registration will be on a first come, first served basis. Once the course is filled, your student will be put on a waiting list.

Student name: _____ Current grade level: _____

Parent name: _____ Parent email: _____

Parent phone #: _____

Release Form: Your student is enrolled in a summer STEM Academy where they will be introduced to a variety of machinery. There is an inherent risk in operating power equipment. Your student will be instructed in the safe operation of the machinery in accordance with manufacturing and industry standards. Students who cannot follow instructions or rules, or who fail to act in an appropriate and responsible manner may be removed from the STEM Academy without prior warning or notice.

I agree that my child may participate in this course. I hereby release and hold harmless the Grants Pass School District and Grants Pass High School, and their employees, volunteers, agents or representatives, against any and all claims, actions, demands, liabilities, and damages with respect to any injury to my child which relates to or arises out of my child's participation in this course, except to the extent that such injury is the result of a grossly negligent, intentional, or malicious action, or failure to act, by the Grants Pass School District or Grants Pass High School, or its employees, agents or representatives.

Parent Signature: _____

Submit your registration form to the Curriculum Office at Grants Pass School District. 725 NE Dean Dr.

Office Use Only

Date received: _____