

## CAMP OVERVIEW

**DAY 1:** Students will be divided into three groups. Each group will go to a different focus area: Drafting, Construction/Woodworking, and Welding/Manufacturing. They will take a short pre-quiz in that area to assess their pre-knowledge. They will then get college credit information, job possibilities, and general shop safety lessons. Finally they will get hands-on experience in that focus area.

**DAY 2:** Students will go to their focus area. They will review focus area's safety guidelines and have a hands-on experience to create a project to be shown at the fair in August.

**DAY 3:** Students will go to their focus area. Safety guidelines will be reviewed. They will work on their projects.

**DAY 4:** Students will go to their focus area. Safety guidelines reviewed. They will work on their projects.

**DAY 5:** Students will participate in a field trip to UCC and tour campus, meet with CTE Staff and students and participate in workforce/pre-employment skill training and career planning with UT & E staff, if they can attend the morning session with Middle School. Then they will finish up their projects at RHS.

## REGISTRATION FORM

Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Physical Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_  
Grade: \_\_\_\_\_ School: \_\_\_\_\_  
Gender: Male Female  
E-mail: \_\_\_\_\_

Please write a short answer on why you would like to participate in this camp.

You may register online through the following link or QR code:

<https://tinyurl.com/jub35sj>



Register online or return this form to Roseburg High School. Attn: Sheri Carson



Expanding Horizons Summer 2017

# RHS Advanced High School Manufacturing Camp

**Week 1:** June 19<sup>th</sup> - 23<sup>rd</sup>

**Week 2:** August 9<sup>th</sup> - 12<sup>th</sup>

12:30 pm – 4:30 pm

Roseburg High School

## COMMUNITY PARTNERS



## TRANSPORTATION

High School students will need to get themselves to Roseburg High School. If they attend the Middle School Camp field trip to UCC, transportation will be provided to UCC and back to RHS.

RHS will be hosting the summer meal programs. Breakfast and lunch will be available free of charge.

## MEAL OPTIONS

# EXPLORE THE POSSIBILITIES

### INFO ABOUT THE EVENT:

This four day camp will focus on introducing incoming freshmen to the Career Technical Education programs available at RHS. They will also be introduced to college credit opportunities that RHS offers for the CTE classes, and students will be exposed to different high-wage, high demand jobs that are available in our area for individuals who possess skills taught in the RHS CTE programs.

## CONSTRUCTION/WOODS



In Construction and Woodworking, students will meet the RHS Shopbot, learn about V-Carve design, and try their hand at wood turning on the lathe to create a handcrafted pen. If students spend their 4<sup>th</sup> day of camp in the woods area, they will create a CNC cutout to take home.

## WELDING

Students will be introduced to the basics of wire-feed welding and get hands on practice using different welding techniques. On the 4<sup>th</sup> day of camp, students chosen for the welding experience, will create a CNC metal cutout to take home.



Students will have the opportunity to be introduced to CAD programs, learning how to design a functional mechanical piece. They will also see opportunities present in creating manufactured prototypes with the 3D printers. If they proceed to be in the 2<sup>nd</sup> class at the end of the week, students will be able to create their own prototype piece to take home.

## DRAFTING