

Center for Advanced Learning

October 6, 2016

4 to 6:30 pm

A National Manufacturing Day Event

Made possible by:



Avant Manufacturing – Room 126

www.avantmfg.com

We are a CNC manufacturing operation that is heavily focused on science, technology, engineering and mathematics to provide customers with high quality products and digital tools to enable intelligent and insightful decision making and order processing. Avant does this for the benefit of customers, but also because problem solving is fun!

Boeing – Room 117

www.boeing.com

Boeing is the world's largest aerospace company and the leading manufacturer of commercial jetliners and military aircraft combined. Speak with Boeing representatives in room 117.

CAL Flight Simulator - Room 128/Manufacturing Lab

<http://www.calcharter.org/mem>

Have you ever wonder what it's like to fly a plane – well, now's your chance. Take a ride in the sky in CAL's newly delivered flight simulator. NOTE: Must sign in to reserve your spot.

CAL Mechanical Engineering and Manufacturing Program – Room 128

<http://www.calcharter.org/mem>

Mechanical Engineering and Manufacturing courses offer students the basic and advanced principles of manufacturing from conception through design to building a product using industry-standard equipment.

Daimler – Room 112 and Parking Lot (truck)

<http://www.daimler-trucksnorthamerica.com>

The leading medium- and heavy-duty truck manufacturer in North America. Speak with representatives about the company, jobs and careers. Then check out the cab of one of their heavy duty trucks in the parking lot.

Free Geek – Room 112

www.freegeek.org

Free Geek's mission is to recycle technology and provide access to computers, the Internet, education, and job skills in exchange for community service. Come visit our table to see the insides of a computer and find out how you can learn to build a system!

Functional Mathematics – Room 126

I use mathematical models to extract information from signals. I'll have a sound analyzer at my station, but I'm always open to any question about mathematics!

FutureWorks – Main floor

Come visit us to learn more about east county high school internships with local businesses in the high-demand, high-wage industries of manufacturing, computer sciences and health care.

GrovTec US, Inc. – Room 205

<http://www.grovttec.com>

We provide high-quality machined and industrial sewn products for a range of specialized fields. Come and watch a video tour of our plant and see examples of what we do.

Harry's Fresh Foods – Room 117

www.harrysfresh.com

We're passionate about delivering fresh, culinary-inspired dishes, food that you'd be proud to serve to your family. To make our food we need people highly trained as machine operators, maintenance technicians, forklift drivers and other technical skills.

Hedron Makerspace – Room 205

<http://hedron.technology>

Hedron Makerspace is a place where the community comes together to build fun things. Come join us and the Portland 3D printing lab to design things in 3D and get them 3D-printed.

Job Corps – Room 205

www.jobcorps.gov

We are a career & technical training program that is FREE to qualified individuals between the ages of 16 and 24! Stop by and see some examples of things students do in our Auto Body Collision Repair & Paint trades.

KCR Manufacturing – Room 128

www.kcrmf.com

KCR Manufacturing designs and manufactures quality wildland firefighting equipment. KCR Manufacturing will be demonstrating how parts are machined using a Computer Numerical Controlled (CNC) Milling Machine.

Kraxberger Robotics – Room 204

gearheads.gladstonerobotics.com

We will be showing how we use 3D printed parts on our robot and sharing information about FIRST.

Leatherman – Room 126

www.leatherman.com

Leatherman is the world leader in the design and manufacturer of innovative, high quality, compact, multi-purpose tools. Stop by and see if you can beat the Standard Work Rate Time to assemble the REV tool.

MCAM Northwest – Room 112

www.mcamnw.com

MCAM-Northwest provides digital manufacturing solutions in the Northwest, such as Mastercam. We provide the software that helps your ideas become reality.

Measure 98 – Room 205

<http://voteyesfor98.org/>

Ballot Measure 98 will restore and expand vocational and career technical college prep and dropout prevention strategies in all Oregon high schools.

Microchip Technology, Inc. – Room 117

www.microchip.com

Microchip Technology Inc., an embedded control solutions provider. Stop by to see a demonstration of the EggBot.

Mount Hood Community College - Room 204

www.mhcc.edu

Come and learn more about MHCC and the applied technologies, machine tool technology, welding technology, automotive and engineering programs.

Oregon Tradeswomen, Inc. – Room 112

www.tradeswomen.net

Oregon Tradeswomen, Inc. offers programs at no cost to women interested in exploring careers in manufacturing and in the construction trades. Visit our website or contact us to learn more about our programs and get started on your path to a satisfying, high-wage career!

PDX Makers – Room 117

pdxmakerweek.com

Use your Makers Skills to build an LED blinking circuit using a breadboard and simple components; explore different types of computer input and output; learn how to use a Micro:Bit and play a musical instrument using a small laser and a knob.

PTM Makerspace – Room 204**QuickDrawBot – Room 126**

www.quickdrawbot.com

Not just your typical "Drawbot". Connect to its embedded website (Raspberry Pi), upload a picture and watch it go. Works with sketches, line drawings as well as photos.

Plural AM – Room 205**Rockwood Makerspace – Upstairs Lobby**

<https://multcolib.org/library-location/rockwood-makerspace>

Stop by to learn why Multnomah County Library is a paradise for makers. Find out about our new makerspace for teens, play with robots, see our mini CNC mill, and take our engineering challenge and much, much more!

Rockwood Rising – Room 204

<http://www.rockwoodrising.com/>

Rockwood Rising is a redevelopment project in the heart of the Rockwood neighborhood. In partnership with RKM Development, YBA Architects, and the City of Gresham, are designing and constructing new business, retail, shopping, restaurants, and a public plaza.

Scenic Fruit – Room 117

<http://www.scenicfruit.com/>

Scenic Fruit Company, a family owned 4th generation business for over 80 years is the oldest berry processor in the Northwest.

Tinker Camp – Room 126

<http://tinkercamp.org/>

Why be ordinary when you could have wings? Nothing says *To Serve and Protect* like a utility belt made of cardboard. Launch your Superhero career with your plated suit of corrugated armor!

The ReBuilding Center – Room 205

www.rebuildingcenter.org

