

HS Name:  
 Community College Name:  
 CTE Program of Study:  
 Date:

High School:  
 Portland Community College  
 I&E Electronics  
 June-11

**Skill Set Crosswalk for Cluster Area--  
 Engineering**

<http://www.ode.state.or.us/apps/oss/default.aspx?cla=311&c=951&fa=1049>

Code & #	Standard	HS-IED	HS-POE	HS-DE	CC-EET 111	CC-EET 121	CC-EET178	OIT-MET 241	OIT-MET 111	OIT-EE 347
ENP01.01	Use effective communication skills with a variety of audiences.	X	X	X				X	X	X
ENP02.01	Exhibit integrity and professionalism in engineering cluster occupations.	X	X	X	X	X	x	X	X	X
ENP03.01	Use technology such as computers and design software to solve engineering problems.	X	X	X	X	X	x	X	X	X
ENP04.01	Understand and use applied mathematics and science for engineering cluster careers.	X	X	X	X	X	x	X	X	X
ENP05.01	Develop and implement a career plan within the engineering cluster occupations.		X		X	X				
ENP06.01	Use teamwork, critical thinking and problem solving skills to address complex problems in engineering.	X	X	X	X	X	x	X	X	X
ENP07.01	Understand the role of engineering in society throughout history and how it is affected by economics, regulations, politics, and corporate culture.		X							
ENP08.01	Apply design principles and life-cycle methodology to create products, systems, and processes using appropriate technology.	X	X	X				X	X	X
ENP09.01	Understand the impact personal characteristics, such as creativity, resourcefulness, the ability to visualize and the ability to think abstractly have on engineers and their ability to design.	X	X	X						
ENP10.01	Understand and adhere to safety, health, and environmental standards and regulations.		X	X	X	X	x	X	X	X