



# PTE Pathway Program Plan

**School Name:** Canby High School

**Program Name:** Industrial Manufacturing

This PTE Program of Study should serve as a guide, along with other career planning materials, for students as they continue on their career path. Courses listed within this Program of Study represent an ideal sequence of learning to meet each learner's educational and career area goals. All plans should meet high school graduation requirements as well as college entrance requirements.

High School	9 <sup>th</sup> Grade				10 <sup>th</sup> Grade				11 <sup>th</sup> Grade																																			
	<b>General Education Courses:</b> <ul style="list-style-type: none"> <li>▪ <b>English</b> English I</li> <li>▪ <b>Math</b> Algebra I or Geometry</li> <li>▪ <b>Science</b> Physical Science or Biology</li> <li>▪ <b>Soc. Studies</b> Geography / State History</li> <li>▪ <b>Other</b> PE, Health, Art, Foreign Language, or Computer Technology</li> </ul>				<b>General Education Courses:</b> <ul style="list-style-type: none"> <li>▪ <b>English</b> English II</li> <li>▪ <b>Math</b> Geometry or Algebra II</li> <li>▪ <b>Science</b> Biology I or Chemistry I</li> <li>▪ <b>Soc. Studies</b> World History</li> <li>▪ <b>Other</b> PE, Health, Art, Foreign Language, or Computer Technology</li> </ul>				<b>General Education Courses:</b> <ul style="list-style-type: none"> <li>▪ <b>English</b> English III</li> <li>▪ <b>Math</b> Algebra 2 or Integrated Math 3</li> <li>▪ <b>Science</b> Chemistry or Physics</li> <li>▪ <b>Soc. Studies</b> American History</li> <li>▪ <b>Other</b></li> </ul>																																			
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**12<sup>th</sup> Grade**

**General Education Courses:**

- **English**      English 4
- **Math**         Math & Technology, Pre-Calc, or Integrated Math 3
- **Science**      Physics
- **Soc. Studies**   Political Issues
- **Other**

**Foundational or Advanced PTE Courses:**

School Course #	Course Name	# of Credits	4-digit NCES Code
0452	Electronics Technology	2	1699
0796	Advanced Engineering Systems	2	1627

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Mark Woodhead	Standard Technology Education
Todd Roberts	Standard Technology Education Computer Technology

**Other Elective Courses:**

School Course #	Course Name	# of Credits
0701	CAD I	.5
0998CNC	CNC Programming	.5
0999	Materials Science	.5
0997	Transportation	.5
1731	Physics II	.5

**Career-Related Learning Experiences**

**Job Shadows:**

- Future Focus Class:
- Mock Interview
  - Career Fair
  - Skills Contest

**Internships/Mentorship:**

Through program area adviser

**Other Career-Related Experiences:**

Extended applications in Manufacturing program area.

**Community College**

**Identify courses eligible for College Now credit**

College Name	College Course #	College Course Title
CCC	MTH111, 112	Pre-Calculus I & II
CCC	WR121, ENG104	Writing, English

**College/University**

**Identify potential college programs/university majors:**

- CCC, Associates degree**  
Engineering Technology  
Manufacturing Technology  
Pre-Engineering  
Computer-Aided Drafting  
Computer Science
- OSU, PSU, 4 year Engineering degree**

