



PTE Pathway Program Plan

School Name: Sabin Skills Center

Program Name: 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	9th Grade				10th Grade				11th Grade								
	General Education Courses:				General Education Courses:				General Education Courses:								
	<ul style="list-style-type: none"> ▪ English English 1 ▪ Math Algebra 1 or Geometry ▪ Science Global Science ▪ Soc. Studies World History ▪ Other PE 				<ul style="list-style-type: none"> ▪ English English 2 ▪ Math Geometry or Integrate Math 2 ▪ Science Biology 1 ▪ Soc. Studies Government and Future Focus ▪ Other PE 				<ul style="list-style-type: none"> ▪ English English 3 ▪ Math Algebra 2 or Integrated Math 3 ▪ Science Chemistry ▪ Soc. Studies American History ▪ Other 								
	Foundational PTE Courses (if any in 9th grade):				Foundational or Advanced PTE Courses:				Foundational or Advanced PTE Courses:								
School Course #		Course Name		# of Credits		4-digit NCES Code		School Course #		Course Name		# of Credits		4-digit NCES Code			
8320		ME 1: Intro to Machining & Fabrication		2		1624		8323		ME 2: Intermediate Machining & Fabrication		2		1624			
Instructor Name		TSPC License, PTE Endorsement or Highly Qualified Status		Instructor Name		TSPC License, PTE Endorsement or Highly Qualified Status		Instructor Name		TSPC License, PTE Endorsement or Highly Qualified Status		Instructor Name		TSPC License, PTE Endorsement or Highly Qualified Status			
David Mitchell		Engineering Tech Manufacturing Tech		Mark Lynch		Engineering Tech Manufacturing Tech		Wayne Sellevaag		Manufacturing Tech Computer Tech		David Mitchell		Engineering Tech Manufacturing Tech			
Mark Lynch		Engineering Tech Manufacturing Tech		Wayne Sellevaag		Manufacturing Tech Computer Tech		Pre-Requisites and other Elective Courses:		Pre-Requisites and other Elective Courses:		Pre-Requisites and other Elective Courses:		Pre-Requisites and other Elective Courses:			
School Course #		Course Name		# of Credits		School Course #		Course Name		# of Credits		School Course #		Course Name		# of Credits	
				-		8320		ME 1: Intro to Machining & Fabrication		2		8323		ME 2: Intermediate Machining & Fabrication		2	



12th 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
8329	ME 4: Manufacturing Engineering	2	1624
0862ME1	Senior Seminar Experience/Manuf. Engineering	1	1699
0862ME2	Senior Seminar Experience/Manuf. Engineering	1	1699

Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status
David Mitchell	Engineering Tech Manufacturing Tech
Mark Lynch	Engineering Tech Manufacturing Tech

Pre-Requisites and other Elective Courses:

School Course #	Course Name	# of Credits
8323	ME 2: Intermediate Machining and Fabrication	2

Career-Related Learning Experiences

Job Shadows:

Internships/Mentorship:

Clinical Experiences:

Other Career-Related Experiences:

Community College

Identify courses eligible for College Now credit

College Name	College Course #	College Course Title
Clackamas Community College (CCC)	MFG109	Computer Literacy for Technicians
CCC	MFG111	Machine Tool Fundamentals 1
CCC	MFG200	Intro to CNC Programming
CCC	WLD102	Intro to Welding

College/University

Identify potential college programs/university majors:

- CCC, Associates degree
 - Machine Tool Technology
 - Welding
 - Computer-Aided Manufacturing
 - Computer-Aided Drafting
 - Industrial Maintenance
- OSU, PSU, 4 year degree

