



PTE Pathway Program Plan

School Name: Sabin Skills Center

Program Name: Computer-Aided Drafting & Design

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: <ul style="list-style-type: none"> ▪ English English 1 ▪ Math Algebra I or Geometry ▪ Science Global Science ▪ Soc. Studies World History ▪ Other PE, Health, Art, Foreign Language, or Intro to Information Technology 	General Education Courses: <ul style="list-style-type: none"> ▪ English English 2 ▪ Math Geometry or Integrated Math 2 ▪ Science Biology 1 ▪ Soc. Studies Government and Future Focus ▪ Other PE, Health, Art, Foreign Language, or Intro to Information Technology 	General Education Courses: <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): <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>School Course #</th> <th>Course Name</th> <th># of Credits</th> <th>4-digit NCES Code</th> </tr> </thead> <tbody> <tr> <td>8046</td> <td>Intro to Designing in 3D</td> <td>0.5</td> <td>0704</td> </tr> </tbody> </table>	School Course #	Course Name	# of Credits	4-digit NCES Code	8046	Intro to Designing in 3D	0.5	0704	Foundational or Advanced PTE Courses: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>School Course #</th> <th>Course Name</th> <th># of Credits</th> <th>4-digit NCES Code</th> </tr> </thead> <tbody> <tr> <td>8047</td> <td>Computer Aided Drafting & Design Level 1</td> <td>2</td> <td>0707</td> </tr> </tbody> </table>	School Course #	Course Name	# of Credits	4-digit NCES Code	8047	Computer Aided Drafting & Design Level 1	2	0707	Foundational or Advanced PTE Courses: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>School Course #</th> <th>Course Name</th> <th># of Credits</th> <th>4-digit NCES Code</th> </tr> </thead> <tbody> <tr> <td>8050</td> <td>CAD: Architectural Drafting & Design Level 2</td> <td>2</td> <td>0707</td> </tr> </tbody> </table>	School Course #	Course Name	# of Credits	4-digit NCES Code	8050	CAD: Architectural Drafting & Design Level 2	2	0707		
	School Course #	Course Name	# of Credits	4-digit NCES Code																									
8046	Intro to Designing in 3D	0.5	0704																										
School Course #	Course Name	# of Credits	4-digit NCES Code																										
8047	Computer Aided Drafting & Design Level 1	2	0707																										
School Course #	Course Name	# of Credits	4-digit NCES Code																										
8050	CAD: Architectural Drafting & Design Level 2	2	0707																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Instructor Name</th> <th>TSPC License, PTE Endorsement or Highly Qualified Status</th> </tr> </thead> <tbody> <tr> <td>Nancy Merchant</td> <td>Engineering Technology Communication Technologies</td> </tr> <tr> <td>Tami Katz</td> <td>Design & Applied Arts</td> </tr> </tbody> </table>	Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status	Nancy Merchant	Engineering Technology Communication Technologies	Tami Katz	Design & Applied Arts	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Instructor Name</th> <th>TSPC License, PTE Endorsement or Highly Qualified Status</th> </tr> </thead> <tbody> <tr> <td>Nancy Merchant</td> <td>Engineering Technology Communication Technologies</td> </tr> </tbody> </table>	Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status	Nancy Merchant	Engineering Technology Communication Technologies	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Instructor Name</th> <th>TSPC License, PTE Endorsement or Highly Qualified Status</th> </tr> </thead> <tbody> <tr> <td>Nancy Merchant</td> <td>Engineering Technology Communication Technologies</td> </tr> </tbody> </table>	Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status	Nancy Merchant	Engineering Technology Communication Technologies													
Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status																												
Nancy Merchant	Engineering Technology Communication Technologies																												
Tami Katz	Design & Applied Arts																												
Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status																												
Nancy Merchant	Engineering Technology Communication Technologies																												
Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status																												
Nancy Merchant	Engineering Technology Communication Technologies																												
Pre-Requisites and other Elective Courses: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>School Course #</th> <th>Course Name</th> <th># of Credits</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	School Course #	Course Name	# of Credits				Pre-Requisites and other Elective Courses: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>School Course #</th> <th>Course Name</th> <th># of Credits</th> </tr> </thead> <tbody> <tr> <td>8046</td> <td>Intro to Designing in 3D</td> <td>.5</td> </tr> </tbody> </table>	School Course #	Course Name	# of Credits	8046	Intro to Designing in 3D	.5	Pre-Requisites and other Elective Courses: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>School Course #</th> <th>Course Name</th> <th># of Credits</th> </tr> </thead> <tbody> <tr> <td>8047</td> <td>CAD 1</td> <td>2</td> </tr> <tr> <td>8107</td> <td>Electronic Engineering & Design</td> <td>1</td> </tr> <tr> <td>8110</td> <td>Technology 1 – 3</td> <td>2</td> </tr> <tr> <td>8113</td> <td></td> <td>2</td> </tr> </tbody> </table>	School Course #	Course Name	# of Credits	8047	CAD 1	2	8107	Electronic Engineering & Design	1	8110	Technology 1 – 3	2	8113		2
School Course #	Course Name	# of Credits																											
School Course #	Course Name	# of Credits																											
8046	Intro to Designing in 3D	.5																											
School Course #	Course Name	# of Credits																											
8047	CAD 1	2																											
8107	Electronic Engineering & Design	1																											
8110	Technology 1 – 3	2																											
8113		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
8053	CAD: Architectural Drafting & Design Level 3	2	0703
0862CAD	Senior Seminar Experience/CAD	1	0704

Instructor Name	TSPC License, PTE Endorsement or Highly Qualified Status
Nancy Merchant	Engineering Technology Communication Technologies

Pre-Requisites and other Elective Courses:

School Course #	Course Name	# of Credits
8050	CAD Level 2	2

Career-Related Learning Experiences

Job Shadows:

Internships/Mentorship:

Clinical Experiences:

Other Career-Related Experiences:

CAD level 2 and 3 participate in projects involving professionals in the architectural design and construction industries.

Community College

Identify courses eligible for College Now credit

College Name	College Course #	College Course Title
CCC	CDT-103	Computer-Aided Drafting I
CCC	CDT-202	Architectural Drafting 1

College/University

Identify potential college programs/university majors:

- CAD/ CAM AA in drafting or transfer credit to 4 year school
- OSU, PSU: Engineering
- U of O, PSU: Architecture

