

# PROCESS TECHNOLOGY PROGRAM GUIDE

NAME: \_\_\_\_\_

TODAY'S DATE: \_\_\_\_\_

**\*\*All courses must be completed with a grade of "C" or better.**

COURSE DESCRIPTION	COURSE ABBREVIATION	COURSE NUMBER	CREDIT HOURS	GRADE	TERM TAKEN
<b>FIRST SEMESTER (FALL)</b>					
Intro to Computer Technology	CSCI	1010	3		
College Algebra	MATH	1100	3		
Intro to Process Technology	PTEC	1010	3		
Mechanical Aptitude/Spatial Relations	PTEC	1000	1		
Plant Safety	PTEC	2030	3		
English Composition 1	ENGL	1010	3		
<b>SEMESTER CREDIT HOURS</b>			<b>16</b>		

<b>SECOND SEMESTER (SPRING)</b>					
Process Instrumentation 1	PTEC	1310	3		
Physical Science or Physics	PHSC or PHYS	1010 or 2010	3		
Physical Science or Physics Lab	PHSC or PHYS	1010L or 2010L	1		
Plant Equipment	PTEC	1610	3		
Technical Mathematics or Plane Trig	MATH	1410 or 1110	3		
Statistical Quality Control	PTEC	2070	3		
Technical Writing	ENGL	1060	3		
<b>SEMESTER CREDIT HOURS</b>			<b>19</b>		

<b>THIRD SEMESTER (SUMMER)</b>					
Process Instrumentation 2	PTEC	1320	3		
Techniques of Speech	SPCH	1200	3		
Economics (Micro or Macro)	ECON	2010 or 2020	3		
<b>SEMESTER CREDIT HOURS</b>			<b>9</b>		

<b>FOURTH SEMESTER (FALL)</b>					
Unit Operations (Systems)	PTEC	2420	4		
Fluid Mechanics	PTEC	2630	3		
Chemistry	CHEM	1010, 2210, or 2220	3		
Chemistry Lab	CHEM	1010L, 2210L, or 2220L	1		
Job Seeking Skills	JOBS	2450	2		
Troubleshooting	PTEC	2440	3		
<b>SEMESTER CREDIT HOURS</b>			<b>16</b>		

<b>FIFTH SEMESTER (SPRING)</b>					
Unit Operations (Capstone Project)	PTEC	2430	4		
Internship	PTEC	2911	3		
<b>SEMESTER CREDIT HOURS</b>			<b>7</b>		
<b>CAS – Process Technology</b>			<b>35</b>		
<b>AAS - Process Technology</b>			<b>67</b>		

**PREREQUISITES  
PROCESS TECHNOLOGY DEPARTMENT**

**ALL DEVELOPMENTAL REQUIREMENTS MUST BE SATISFIED BEFORE SCHEDULING ANY CLASSES OTHER THAN PTEC 1010 & PTEC 2030!**

**PLACEMENT CHART**

**READING**

ACT	Compass	Course Placement
0-15	0-79	READ 0090

**ENGLISH/WRITING**

ACT	Compass	Course Placement
	0-37	ENGL 0090
	38-67	ENGL 0091
18	68-90	ENGL 1010
29	91-100	ENGL 1020 (w/essay approval)

**MATH**

ACT	Compass	Course Placement
	0-100 Pre-Algebra 0-45 Algebra	MATH 0093
	46-65 Algebra 0-25 College Algebra	MATH 0094
19	66-100 Algebra 26-45 College Algebra	MATH 1100

**There are no Prerequisites for the following: PTEC 1010 (Intro) and PTEC 2030 (Safety)  
Developmental Education Courses are Prerequisites for all other PTEC classes.**

Course	Pre-requisites or Concurrent Enrollment Requirement*
PTEC 1000 (Mechanical & Spatial Aptitude)	Concurrent Enrollment: PTEC 1010, PTEC 2030
PTEC 1310 (Instrumentation I)	Concurrent Enrollment: PTEC 1010, PTEC 2030
PTEC 1320 (Instrumentation II)	Pre-requisites: PTEC 1310 (Instrumentation I)
PTEC 1610 (Plant Equipment)	Concurrent Enrollment: PTEC 1010, PTEC 2030
PTEC 2070 (Quality Control)	Concurrent Enrollment: PTEC 1010, PTEC 2030
PTEC 2420 (Unit Operations)	Pre-requisites: PTEC 1000, PTEC 1010, PTEC 1310, PTEC 1610, PTEC 2030 Concurrent Enrollment: PTEC 1320
PTEC 2440 (Troubleshooting)	Pre-requisites: PTEC 1000, PTEC 1010, PTEC 1310, PTEC 1320, PTEC 1610, PTEC 2030 Concurrent Enrollment: PTEC 2420
PTEC 2630 (Fluid Mechanics)	Pre-requisites: PTEC 1000, PTEC 1010, PTEC 1310, PTEC 1320, PTEC 1610, PTEC 2030, MATH 1100 (College Algebra), Physical Science or Physics and labs
PTEC 2430 (Capstone)	Pre-requisites: All PTEC Courses, except Internship Concurrent Enrollment PTEC 2911 (Internship)
PTEC 2911 (Internship)	All PTEC Courses, except concurrent enrollment in PTEC 2430 (Capstone)
Chemistry	Must be eligible to take College Algebra or have taken College Algebra (taken, placement scores [19 ACT/56 Compass], or satisfied all math developmental requirements)
ENGL 1010 (English Comp)	Placement scores (18 ACT/68 Compass) or satisfied all English developmental requirements.
ENGL 1410 (Technical Writing)	ENGL 1015/ENGL 1010 (English Comp)

**\*Concurrent Enrollment = Course(s) must be taken before ore at the same time as the designated class.**

**Pre-requisite = course(s) must be taken before the designated course.**