

# PROCESS TECHNOLOGY, ASSOCIATE OF ARTS DEGREE

Financial Aid Eligible  
Banner Code: 3\_AA\_PTEC  
Control Number: 18719

The courses offered to obtain this award will give the students the basic skills needed to obtain an entry-level Process Technician position within a variety of industrial fields. Process technology involves every aspect of chemical processing: extracting and refining chemicals such as oil and natural gas, refining and monitoring them.

## Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Comply with environmental and safety regulations.
2. Safely operate process equipment.
3. Measure and control a process.
4. Work as a team member.

## Associate Degree Requirements

### Unit Requirement

Complete at least 60 units of acceptable college work with a minimum of 12 units completed in residence at Coastline. Earn an overall grade point average of 2.0 or higher from all colleges attended and a 2.0 or higher grade point average at Coastline.

\*Students must be in good academic standing (not on probation and/or disqualification) during the semester graduation is petitioned.

### Program of Study

Complete the required courses in one of the programs as detailed in the Requirements for the Major section of this catalog. All coursework must be completed with a grade of C or higher.

### General Education

Complete one of the three General Education options below (visit the General Education page for details (<https://catalog.cccd.edu/coastline/general-education/>)):

Option 1 – Coastline General Education: designed for students pursuing an Associate degree and who may or may not be planning to transfer to a four-year university. The degree is transferable to many colleges and universities.

Option 2—CSU GE Breadth: designed for students who are planning to transfer to a university in the CSU system. It may also be appropriate for transfer to some independent colleges and universities.

Option 3—IGETC: designed for students who are planning to transfer to a university in the CSU or UC system. It also may be appropriate for transfer to some independent colleges and universities.

### Global and Multicultural Studies Requirement

Complete at least 2.5 units from any Global and Multicultural Studies courses. See what courses fulfill the Global and Multicultural Studies

Requirement (<https://catalog.cccd.edu/coastline/graduation-requirements/#globalandmulticulturalstudies>).

Course	Title	Units
<b>Required Courses</b>		
<i>Students will complete all of the following:</i>		
PTEC C110	Introduction to Process Technology	3.0
PTEC C111	Health, Safety, and Environment	3.0
PTEC C112	Quality Management	1.5
PTEC C113	Process Technology 1: Equipment	3.0
PTEC C114	Process Technology 2: Systems	3.0
PTEC C115	Process Technology 3: Operations	3.0
PTEC C116	Instrumentation 1	3.0
PTEC C117	Instrumentation 2	3.0
CIS C100	Introduction to Information Systems	3.0
<b>Total Units</b>		<b>25.5</b>
<b>Requirement</b>		<b>Units</b>
Total Units for Major Preparation		25.5
Degree Option 1, 2, or 3		Varies
Electives to satisfy unit requirement		Varies
<b>Total Degree Units</b>		<b>60</b>