

# Process Technology, A.A.S.

## Program Code

AAS-ADMA-PCT

## CIP

15.0613

## Type

A.A.S.

The Associate of Applied Science degree in Advanced Manufacturing with a concentration in Process Technology is designed for individuals seeking employment in the process industry as a process technician. The process industry plays a significant role in U.S. businesses and our economy, serving the pharmaceutical, food and beverage, textile, chemical and petroleum processing, power production, plastic, paint, cosmetic, and other sectors.

## GENERAL EDUCATION CORE REQUIREMENTS

Item #	Title	Credits
ENG 101	English Composition I	3
MTH 103	Introduction to Technical Mathematics	3
	Humanities/Fine Arts Elective (Excluding Speech and Foreign Language)	3
	Social & Behavioral Science Electives	3
	Natural Science or MTH Elective	3-4

## ADVANCED MANUFACTURING CORE COURSE REQUIREMENTS

Item #	Title	Credits
ADM 101	Precision Measurement	3
ADM 104	Introduction to Thermal/Electrical Principles	3
ADM 105	Fluid Systems	3
ADM 106	Quality Control Concepts	3
	ADM 107 OR ADM 108	3
ADM 111	Manufacturing Safety Practices	3

## PROCESS TECHNOLOGY COURSE REQUIREMENTS

Item #	Title	Credits
PCT 100	Fundamentals of Process Technology	3
PCT 105	Process Technology I - Equipment	4
PCT 115	Instrumentation I	3
PCT 215	Instrumentation II	4
PCT 220	Process Technology II, Systems	4
PCT 230	Process Technology III, Operations	4
PCT 240	Process Troubleshooting	4
CHM 104	Introduction to Chemistry I	4
	Total Credits	63-64