

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