

Associate of Science –Process Technology Certificate of Achievement – Process Technology

Catalog Description:

The Process Technology Program is designed to provide students with skills necessary to succeed in the chemical and refining industries. "Process technicians" are skilled plant operators who safely run the refineries and chemical plants on a 24 hours per day / 365 days per year basis. The curriculum is a combination of hands-on laboratory experiences, classroom lectures, and industrial site visits.

For the Associate of Science Degree in Process Technology, complete 36 units of coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan for the Associate of Science Degree.

For the Certificate of Achievement in Process Technology, complete 36 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Program Requirements:

PTEC-007 Industrial Technology Career Skills	1
PTEC-010 Introduction to Process Technology	3
PTEC-012 Petrochem Safety, Health and Environment	1
PTEC-024 Process Instrumentation	3
PTEC-025 Process Technology I – Equipment	3
PTEC-027 Applied Instrumentation	1
PTEC-035 Process Technology II – Systems	3
PTEC-044 Petrochemical Simulation Laboratory	1
PTEC-045 Process Technology III – Operations	3
PTEC-048 Process Trouble Shooting	3
PTEC-060 Industrial Tech Employment Preparation	1
PTEC-009 Math for PTEC	5
PHYS-015 Introduction to Physics	4

Select one course:

CHEM-006 Introduction to Inorganic and Physical Chemistry	4
CHEM-007 Intro General, Organic and Biochemistry	4

Total Units for the Certificate: 36

Total Units for the Degree: 60

Major Total:	36 units
LMC GE Pattern:	18-19 units

Electives (as needed) (CSU transferrable):	15-16 units
Double-Counted:	9 units