

Major Roadmaps

Simplifying the path

PROCESS TECHNOLOGY

*This Roadmap is provided as a **SAMPLE GUIDE** showing what a full-time student's schedule **MAY** look like. There is no guarantee that all classes will be offered each semester or that classes will have space available. You must meet all prerequisite requirements prior to registering for a class.*

Consult with a [Los Medanos Counselor](#) for help planning your schedule. Visit the [PTEC website](#) for more information about this program.

Degrees and Certificates:

Associate of Science Degree in Process Technology

Certificate of Achievement in Process Technology



- PTEC-007 1
- PTEC-010 3
- PTEC-012 1
- MATH-030* 4
- PHYS-15* 4



- PTEC-024 3
- PTEC-025 3
- PTEC-035 3
- CHEM-006 OR 007 4
- GE/Electives (AS only) 5



- PTEC-027 1
- PTEC-044 1
- PTEC-045 3
- PTEC-048 3
- PTEC-060 1
- GE/Electives (AS only) 6



- GE/Electives (AS only) 14

*Satisfies the General Education requirements for the AS Degree. Need to assess into MATH-030 and English-090 or 100 or take prerequisites. Meet with a counselor if you have questions.

See counselor or catalog for a list of classes eligible for the AS Degree. Transfer students should see a counselor because PTEC classes may not be transferrable.

**Certificate of Achievement
in PTEC - 35 Units**

AS in PTEC - 60 Units

[\(go back one page\)](#)

PTEC PROGRAM

Process Technician Careers

The Process Technology (PTEC) Program was developed at Los Medanos College in response to requests from local chemical and refining industries and provides students with training for high skill, high wage jobs needed in the manufacturing industry.

Process technicians are skilled plant operators who work for chemical, refining, oil and gas production/refining, power generation, water, waste management, food manufacturing and related manufacturing companies. The process technicians who run these plants work inside with state-of-the-art computer control systems, and work outside taking process samples and monitoring the equipment, and solving problems in a team environment.

Process technicians monitor and control mechanical, physical and chemical changes throughout many processes, turning out a final product made from raw materials. Process technicians monitor and control equipment used to produce gasoline, medical oxygen, pharmaceuticals, plastics, power, clean water and many other products that make people's lives better.

PTEC Salary Averages in California:

Petroleum Pump System Operators, Refinery Operators, and Gaugers: \$25.13 - \$43.30/hour and up
Chemical Equipment Operators and Tenders: \$13.72 - \$32.21/hour and up

Information gathered by Career One Stop (www.careerinfonet.org) which is sponsored by the Department of Labor, 2012

Associate's Degree, Certificate of Achievement and Specialization Certificates

Graduate with a **Certificate of Achievement** in three semesters (full-time). The certificate requires 40 units of required coursework which is made up of 23 units of PTEC classes plus Math 30, English 90, Physics 15 and Chemistry 6 or 7.

An **Associate of Science Degree** in PTEC may be obtained by completing 18-19 units of General Education requirements (plus any math or English prerequisites if you don't assess into MATH-030 and/or ENGL-100), 23 units of PTEC classes and enough electives to bring the total units up to 60.