CHEMICAL TECHNOLOGY

Program Overview

The goal of the Chemical Technology Program is to provide training and instruction in foundational science theory, applied chemistry, instrumentation, quality control and industrial processes; leading to career technical certificates, associate degrees and gainful employment.

The Chemical Technology Degree and Certificate are designed to prepare students for employment in the Water Analysis, Environmental Compliance, Quality Control industry.

Career opportunities for students completing this program of study include, but are not limited to:

- Chemical Technicians
- Chemical Plant and System Operators
- Chemical Equipment Operators and Tenders
- Agricultural and Food Science Technicians

By fulfilling the program requirements, students will have the necessary knowledge and skills for working in the chemical process industry, including treatment plants; monitoring safety/health and environmental regulations; sampling and handling chemical materials; measuring physical properties; performing chemical analysis; performing instrumental analysis; planning, designing and conducting experiments, and synthesizing compounds.

Program Learning Outcomes (PLOs)

Upon completion of the Degree/Certificate program, students are able to:

- Perform laboratory processes consistent with industrial practice.
- Explain principles and applications of chemical instrumentation.
- Recognize and apply industrial regulatory processes.

Useful LATTC Links:

- College Catalog, Class Schedule & more: [http://www.lattc.edu/academics](http://www.lattc.edu/academics)
- Counseling Services & Support: [http://www.lattc.edu/services/support](http://www.lattc.edu/services/support)


For additional information consult a LATTC college counselor.