

Engineering Technology: Chemical Engineering Technology

Associate of Applied Science Degree

Program Overview:

The associate degree in Engineering Technology, Chemical Engineering Technology concentration prepares graduates for a position as process operator/technician in a chemical manufacturing facility. Students will gain an understanding of chemistry and chemical processes as well as blueprint reading, electrical and mechanical fundamentals, and computer skills. Emphasis is placed upon the understanding and troubleshooting of process systems. The program combines classroom study and practical hands-on-experience. The courses in the program emphasize safe and efficient work practices, teamwork, communication skills, and real world case studies.

How Much Can I Earn?

\$38,000 - \$64,900

*wages and salary data provided by the Bureau of Labor Statistics, Tennessee Department of Labor

What Will I Do On The Job?

Chemical Engineering Technicians conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for research and development of new products or processes, quality control, maintenance of environmental standards, and other work involving experimental, theoretical, or practical application of chemistry and related sciences.

What Skills Will I Use On The Job?

Because many engineering technicians assist in design work, creativity is desirable. Good communication skills and the ability to work well with others also are important because engineering technicians are typically part of a team of engineers and other technicians.

Possible Job Titles:

Laboratory Technician (Lab Tech), Laboratory Analyst (Lab Analyst), Research Technician, Analytical Lab Technician, Laboratory Tester (Lab Tester), Research and Development Technician, Analytical Technician, Chemical Technician, Environmental Lab Technician, Formulation Technician

Who Will Hire Me?

Top industries for this field include Manufacturing and Professional, Scientific, and Technical Services

Need More Information?

www.bls.gov ▪ tcids.tbr.edu/index.html

Career Services & Counseling Center

Student Center Room 137 ▪ 423-697-4421