

Chemical Engineering Technology

Associate of Applied Science

Entry wage: \$38,120* Median wage: \$71,271* Job placement rate: 96%**

A day in the life

A chemical engineering technologist, often referred to as a chemical operator or process technician, monitors, controls, and troubleshoots automated chemical processes. Graduates will have the skills to perform vital functions in a variety of facilities such as chemical manufacturing, food production, nuclear processing, petrochemical, and waste management.

Three reasons to consider this program.

1. You like hands-on activities and working with machines.
2. You enjoy chemistry and learning the big picture of how processes affect each other.
3. The program is closely aligned to needs of employers in the area.

Before you sign up, make sure you understand...

1. Employers work closely with this program. Make a good impression at all times.
2. Chemical engineering technology requires focus and attention to detail.
3. The college also has a chemical engineering technology certificate program, which takes less time. Starting salaries in the certificate program tend to be lower.

Roane State

ENST 1300 Technical Calculations
CHEM 1010 Introductory Chemistry
ENST 1362 Industrial Equipment
ENST 1350 Industrial Safety
MECH 1310 Electrical Components
COLS 1010 Study, Organize, Succeed

CHET 1410 Process Operations I
CHET 1320 Process Control and Instrumentation I
CHET 1300 Process Equipment
MECH 1320 Mechanical Components and Electrical Dri...
---- Technical Elective

CHET 2310 Process Operations II
CHET 2320 Process Control and Instrumentation II
---- Technical Elective
---- Social/Behavioral Science Elective
ENGL 1010 Composition I

---- Technical Elective
COMM 2025 Fundamentals of Communication
---- Technical Elective
---- Humanities Elective

1st Fall

Oct
See advisor
FAFSA

Nov
Register

1st Spring

Mar
See advisor

Apr
Register

2nd Fall



Sept
Apply to Graduate

Oct
See advisor

Nov
Register

2nd Spring

Feb
Exit Exam

 Key Course: program faculty have identified this course as key to your success
 Recommended Elective: check catalog for other acceptable courses
This map assumes completion of course prerequisites
*Tennessee Department of Labor **Average of 2019 - 2021 graduates