The process technology associate of applied science degree program prepares graduates for entry-level careers as Process Technicians/Operators. Courses within the program include an introduction to process technology, process equipment, process instrumentation, safety, health & environment, process systems, quality, process operations, and process troubleshooting. Through the use of state of the art simulation equipment, as well as hands-on applied technology training and general academic coursework, the student will develop the skills required to be a successful process technician/operator.

The Process Technology Associate of Applied Science is awarded for successful completion of the 60 semester credit hours required in the degree plan. The duties of a process technician vary depending upon the industry with the primary responsibility of the Process Technician being to operate and maintain specialized equipment to ensure the process is running efficiently and safely. Graduates possess the technical skills and knowledge to perform essential processes in petrochemical plants, refineries, power generation facilities, pharmaceutical plants, and food & beverage industries.

Students must complete a satisfactory background check and drug test before acceptance into the PTAC 2438 Process Technology III - Operations course.

FOR MORE INFORMATION:
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FOR MORE INFORMATION:
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Median Wage: $71,723

Programs At-A-Glance

Process Technology AAS Degree
Available at LSC-Kingwood at the Process Technology Center
Lonestar.edu/Process-Technology-AAS

Process Technology Certificate
Available at LSC-Kingwood at the Process Technology Center
Lonestar.edu/Process-Technology-Certificate

The Process Technology AAS and Level II Certificate are SACSCOC approved.


Lone Star College does not discriminate on the basis of race, color, gender, religion, disability, age, veteran status, sexual orientation, nationality, or ethnicity in its programs and activities. For more information, see http://Lonestar.edu/legal-notices.htm. For Occupational Licensing please review the latest information: LoneStar.edu/ConsequencesCriminalConviction.
Process Technology AAS Degree

Certificate II
44 Credits

- Introduction to Process Technology
- Process Technology I - Equipment
- Process Instrumentation I
- Introductory Chemistry
- Safety, Health, and Environment I
- Process Technology II - Systems
- Special Topics in Hydraulics Technology
- Employee Success in Energy Industry
- Principles of Quality
- Process Tech III - Operations
- Process Troubleshooting
- Applied Physics
- Refining Methods
- Internship - Process Technology/Technician

AAS Degree
60 Credits

- College Algebra
- Composition & Rhetoric I
- Humanities/Fine Arts
- Social/Behavioral Science

Representative career titles and job positions for this program plan include:
- Process Technician
- Production Technician
- Process Operator
- Chemical Operator
- Operator Technician

1Median Wage: $71,723

Position titles vary by employer and location.

Complete your Process Technology AAS Degree in 2 years!

For more information on gainful employment, visit LoneStar.edu/GainfulEmployment.