

PROCESS TECHNOLOGY AAS



A Program Overview of the Energy, Manufacturing & Construction Area of Study

Updated as of May 2018



Programs At-A-Glance

Process Technology AAS Degree

Available at LSC-Kingwood at the Process Technology Center

LoneStar.edu/Process-Technology-AAS

1 Median Wage: \$69,208

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.

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.

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¹Wage Data is based on annual salaries from Bureau of Labor Statistics, U.S. Department of Labor, Occupational Employment Statistics, 2016, www.bls.gov/oes.

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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 Technician²**
- **Process Operator²**
- **Chemical Operator²**
- **Operator Technician²**

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²Position 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.