

Leave a Legacy. *Teach.*

Help us train the next generation of petrochemical workers.



The Texas Gulf Coast petrochemical industry will need more than 50,000 new workers over the next decade — thanks to plant expansions and the retirement of “Baby Boom” generation workers.

Today, 39 percent of all oil and gas jobs are located in Texas, and account for 10.7 percent of all wages in the state. The average salary for petrochemical workers in Texas is \$99,700, according to the American Chemical Society.

Community colleges are expanding teaching capacity to train workers for these career positions, but we must have qualified instructors with “real-world” experience in the workforce who are willing to share their knowledge.

Without qualified instructors, these training programs cannot produce graduates fast enough to meet the growing demands for workers, and local industry will be forced to import employees

from outside the region, leaving local residents out of this lucrative job market.

The best training for students comes from individuals who have recently worked in these careers and retain knowledge of current procedures and equipment.

Become part of a community partnership that gives back to the next generation through education.

Students who achieve higher levels of education increase their earning potential and employability. They are less likely to have poor health habits, commit crimes, or claim welfare or unemployment benefits. This translates into a happier, healthier, and more economically stable community (*American Association of Community Colleges* report).



“Good teaching cannot be reduced to technique; good teaching comes from the identity and integrity of the teacher.”

— Parker J. Palmer
Author, Educator, Activist

What Qualifications Must I Have to Teach?

Do not let the lack of a four-year degree keep you from seeking a full- or part-time instructional position in a technical program at a community college.

Qualifications to teach a technical course vary depending upon the program and type of degree or certification. However, instructors are required to have a minimum of three-to-five years of recent work experience, and this experience must be directly related to the teaching position they hold.

Required for all types of teaching:

- Industry work experience in the subject area
- Passion for the subject
- Willingness to learn through targeted faculty training for new teachers

Required for some types of teaching:

- Industry certifications
- Educational certificates and degrees
- Participation in specialized faculty training

Ongoing professional development and support is available for those new to teaching. This includes classroom management strategies for adult learners, student engagement techniques, and program-specific teaching techniques.

“When you study great teachers...you will learn much more from their caring and hard work than from their style.”

— William Glassner
The William Glassner Institute

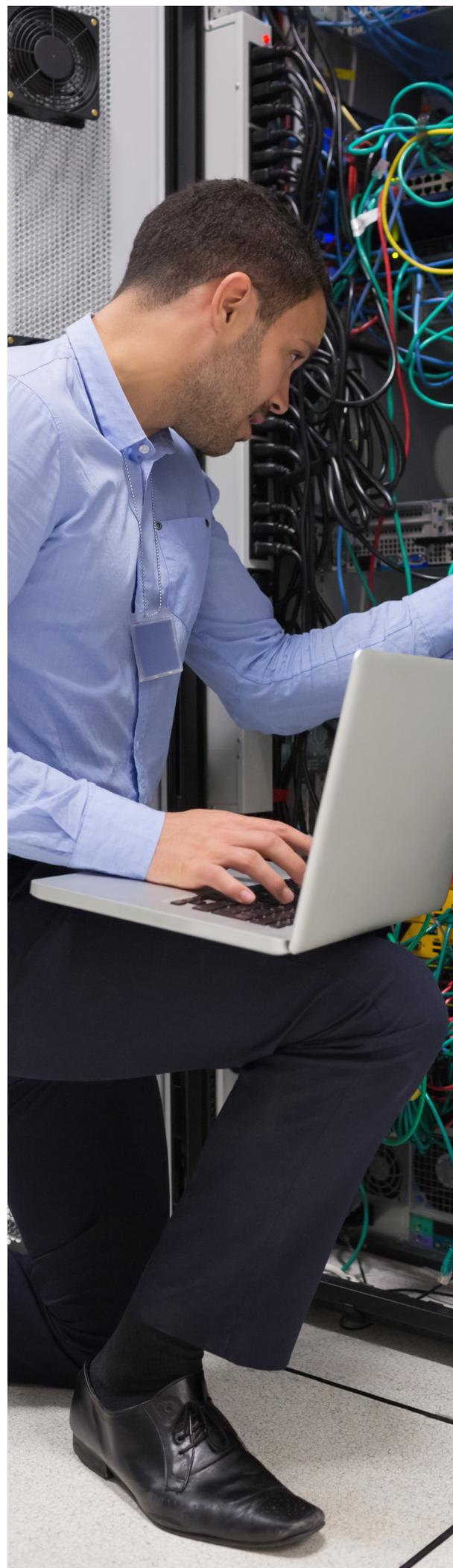
What Positions are Available?

Community colleges need experienced petrochemical and construction trade employees to teach in these areas of study:

- Analyzer Technology
- Computer Maintenance
- Computer-Aided Drafting and Design
- Electrical Technology
- Engineering Technology
- Fieldbus Technology (Instrumentation)
- Instrumentation
- Logistics and Supply Chain Management
- Machine Technology
- Millwrighting
- Pipefitting
- Process Technology (Operator)
- Production Technology
- Welding

Full-time and part-time teaching opportunities are available in short-term contract training, workforce certification programs, and college-credit certificate and degree programs.

Class durations vary from a few days to a full 16-week semester, and class times vary from mornings to evenings. Full-time teaching includes insurance and retirement benefits.



How do I Get Started?



Visit the Texas Gulf Coast Community College website at www.EnergizeHouston.org to explore programs of instructions and teaching opportunities at the community college nearest you.

Visit college websites to review posted positions, or see www.gulfcoastcc.org.

Before completing the application process, please be aware that for some teaching opportunities, you may be asked to provide additional documents.

Questions about the application process can be answered by the Human Resources office.

For assistance developing a resume, consult these websites:

www.resumegig.com

www.resumegenius.com

www.resume-now.com

For information about the Community College Petrochemical Initiative, contact:

Kelly Dando

CCPI Grant Coordinator

kdando@lee.edu

For more information about instruction opportunities, contact:

Alvin Community College

smcgary@alvincollege.edu 281.756.3639

Brazosport College

humanresources@brazosport.edu

979.230.3303

College of the Mainland

hr@com.edu • 409.933.8269

Galveston College

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Houston Community College

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Lee College

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Lone Star College

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San Jacinto College

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Wharton County Junior College

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Community College
Petrochemical Initiative

www.EnergizeHouston.org