

PRE-APPRENTICE FAST TRACK ENGINEERING TECHNICIAN ASSISTANT

A Program Overview of the Manufacturing & Energy Career Cluster



You can become an Engineering Technician Assistant in just six weeks through this FREE, fast track workforce program!

Engineering Technology

Men and women working as engineering technician assistants perform highly technical job tasks that require advanced skills and knowledge of automated manufacturing systems. In this fast-track program, you will learn the basic skills needed to work with advanced, emerging technologies in six weeks. Upon completion, you will understand the design and operation of mechanical and electrical equipment, as well as how to troubleshoot and maintain it within a complex, integrated system.

What is an Engineering Technician Assistant?

An engineering technician assistant installs and maintains production oil field service equipment, robots, automated manufacturing machines, oil field pumps, gas pumps, and security systems. Engineering technician assistants are required to work on and with equipment integrating electronics, mechanics, pneumatics, hydraulics and computer controls. This program is part of the Lone Star Energy & Manufacturing Institute, which teaches a combination of skills that prepare students to perform many different jobs in industries including petroleum-field services and automated manufacturing.

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Class Dates

First Cohort: Feb. 20 – April 11

Second Cohort: May 14 – June 26

Third Cohort: July 23 – Aug. 31



OPPORTUNITIES

This program allows students to continue into LSC's two-year Engineering Technology program and prepares them for careers in the energy and manufacturing industries, especially in Houston, which has been called the energy capital of the U.S.



Engineering Technology At-a-Glance

Earning Potential

- The median salary for these types of jobs is approximately \$29,500/year.

Job Forecast

- In Texas, projections show that there will be an 18 percent increase in careers for Engineering Technician Assistants (between 2008 and 2018).
- Coursework is aligned with MSSC national industry certification.
- Customized training for all competencies is available through Lone Star Corporate College.

Engineering Technician Assistant (Pre-Apprenticeship)

Lone Star College offers this fast track program, which is designed for you to get your Engineering Technician Assistant certification in six weeks.

Engineering Technician Assistant (Pre-Apprenticeship) Certification

	Rubric	Course #	Contact Hours
Introduction to Industrial Maintenance	INMTC	2100501	80
Industrial Equipment Maintenance	IEIRC	2104301	64
OSHA 10-Hour General Industry Certification	OSHTC	2101501	10
	Total		154

Frequently Asked Questions

How long will it take to complete the training?

You can get your Engineering Technician Assistant in six weeks.

How much will it cost?

There is no cost for this program, since it is grant funded.

Are there any additional costs, such as tools or textbooks?

No. Books are supplied.

What is the earliest I could start this program?

Call 281.290.5016 for specific start dates.

Where are the courses offered?

Courses offered at LSC-University Park.

What are the requirements to start this program?

All students must be legally authorized to work in the United States and take a workplace skills assessment. Male students only must also be registered with selective service.

Is a high school diploma or GED required to begin this certification program? No.

I work during the day. Do you have evening classes?

Evening classes may be available.

Call 281.290.5016 for specific class times.

Do I have to take all of the courses in the certificate?

Yes. You must complete all three courses to earn your Engineering Technician Assistant.

Can I get academic credit for these courses?

No, but you will earn your Engineering Technician Assistant certification if you complete all three courses.



How do I register?

To register, call 281.290.5016 or go to LoneStar.edu/CTE-Manufacturing and click on the application link under Engineering Technician Assistant Pre-Apprenticeship.

When I earn my certification, will Lone Star College help me get a job?

Yes. Go to LoneStar.edu/CareerServices for more information.

What requirements are there to get this kind of job?

In most cases, you must pass a background check, pass a drug and alcohol test, have a driver's license, and have no driving while intoxicated (DWI) offenses on your driving record. In addition, you may be subject to periodic drug and alcohol tests throughout your career.

