

FUELING HOUSTON INTO THE FUTURE

WHY WORK IN OIL AND GAS?



**HOUSTON IS THE ENERGY
CAPITAL OF THE WORLD.**

**More than 1 out of 4 U.S. JOBS IN OIL AND
GAS EXTRACTION RESIDE IN HOUSTON ★**



Skilled professionals are in **HIGH DEMAND**



EMPLOYED MORE THAN **250,000
WORKERS** IN THE GREATER HOUSTON
REGION IN 2016.

A rewarding career in one of Houston's thriving
industries could be yours in just two years.

WHAT ARE YOU UP FOR?

- ✓ You are looking for a **DIVERSE ENVIRONMENT** and lots of **TRAINING AND DEVELOPMENT OPPORTUNITIES**.
- ✓ You are a **QUICK LEARNER** and **TAKE INITIATIVE**.
- ✓ You are **FLEXIBLE** and have a **STRONG WORK ETHIC**.
- ✓ You have **EFFECTIVE COMMUNICATION SKILLS** and work well as **PART OF A TEAM**.
- ✓ You have strong **TECHNICAL AND COMPUTER SKILLS**.



UP**SKILL**HOUSTON.org

CAREERS IN OIL AND GAS INCLUDE...

GEOLOGICAL AND PETROLEUM TECHNICIAN

Average Annual Salary: \$68,000
\$20-\$30/hour

Two-Year Degree and On-the-Job Training

Support scientists and engineers exploring and extracting natural resources, such as minerals, oil, and natural gas. Analyze samples of soil and minerals to locate valuable resources.



ELECTRICAL ENGINEERING TECHNICIAN

Average Annual Salary: \$60,000
\$16-\$52/hour

Two-Year Degree

Assist in designing and developing electrical and electronic equipment. Use measuring and diagnostic devices to adjust, test, and repair equipment. Manufacture and deploy equipment for automation.



INDUSTRIAL MACHINERY MECHANIC

Average Annual Salary: \$51,000
\$15-\$43/hour

Certificate or On-the-Job Training

Perform preventive maintenance, detect breakdown conditions before they happen, make machinery adjustments, and repair broken equipment.



PETROLEUM PUMP SYSTEM OPERATOR

Average Annual Salary: \$68,000
\$18-\$45/hour

Certificate or On-the-Job Training

Oversee petroleum refinement, which is the primary function of Houston's oil and gas sector. May specialize in controlling pumping systems, gauging oil in storage tanks, and regulating oil flow into pipelines.



MECHANICAL ENGINEERING TECHNICIANS

Average Annual Salary: \$59,000
\$15-74\$/hour

Two-Year Degree

Modify, develop, test, or calibrate machinery and equipment for use in the extraction of oil and natural gas. Set up machinery and instrumentation.



QUALITY CONTROL INSPECTOR

Average Annual Salary: \$43,000
10\$-40\$/hour

On-the-Job Training

Monitor quality standards for extracted oil and natural gas. Test, sort, sample, or weigh raw materials to ensure quality consistent with specifications and free from defects and deviations from specifications.

