

# Petroleum Technology, Certificate 1

Certificate

(TSI-Waived Program)

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## Semester I

_____	DEMR 1316	Basic Hydraulics
_____	_____	EDUC 1100 or PSYC 1100
_____	ELPT 1311	Basic Electrical Theory
_____	ENER 1350	Overview of Energy Industry
_____	OSHT 1220	Energy Industrial Safety
_____	PTRT 1270	Energy Sector Math and Computer Skills
_____	WLDG 1200	Introduction to Welding

16

**Total Credits 16**

## Program Demand and Occupational Need

Employers in the oil and gas industry report considerable difficulty recruiting qualified individuals to fill open positions (lease operators). The oil and gas boom has resulted in increased demand for workers in this and related positions.

## Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of geological and petroleum technicians is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. This degree can open opportunities in jobs such as a lease operator, facility operator, engineering assistants, technical sales professionals, instrument technician, motor control technician, and mechanics.