

Natural Gas Compression, Certificate 1

Certificate

(TSI-Waived Program)

The Natural Gas Compression Certificate program is designed to provide technically oriented entry-level employees with basic knowledge and skills of gas compression equipment and maintenance required to efficiently and safely maintain, trouble shoot, and operate compression packages in their area of responsibility. They are responsible for the safe, efficient, and reliability of their compressor sites. The compression technician skills and abilities have a direct impact on production levels and profits.

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Semester I

_____	DEMR 1316	Basic Hydraulics
_____	DFTG 1325	Blueprint Reading and Sketching
_____	_____	EDUC 1100 or PSYC 1100
_____	ENER 1375	Introduction to Mechanical Engines
_____	ELPT 1311	Basic Electrical Theory
_____	PTRT 2170	Natural Gas Production
_____	OSHT 1220	Energy Industrial Safety

16

Total Credits 16

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of petroleum technicians is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. Higher prices for oil and strong demand for natural gas is expected to increase demand for geological exploration and extraction in the future. Panola College's Compression Technology Program is designed to train technicians for the rapidly growing compression component of the Haynesville Shale development in Texas and Louisiana.