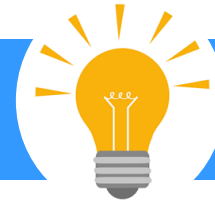


# NATURAL GAS COMPRESSION



## CERTIFICATES

(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 – CERTIFICATE 1

_____	DEMR	1316	Basic Hydraulics	3
_____	DFTG	1325	Blueprint Reading & Sketching	3
_____	EDUC PSYC	1100/ 1100	Learning Framework	1
_____	ENER	1375	Introduction to Mechanical	3
_____	ELPT	1311	Basic Electrical Theory	3
_____	PTRT	2170	Natural Gas Production	1
_____	OSHT	1220	Energy Industrial Safety Engines	2

**TOTAL HOURS = 16**

### SEMESTER II – CERTIFICATE 2

_____	ENER	1270	Employment Success Energy Industry	2
_____	ELPT	1341	Motor Control	3
_____	ELPT	2370	Advanced Mechanical Engines	3
_____	HEMR	1304	Natural Gas Compression	3
_____	INMT	2303	Pumps, Compressors, & Mechanical Drives	3
_____	PTRT	1270	Energy Sector Math & Computer Skills	2

**TOTAL HOURS = 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.