

# Natural Gas Compression

Associate of Applied Science

The Natural Gas Compression 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, troubleshoot and operate compression packages in their area of responsibility. They are responsible for the safety, efficiency and reliability of their compressor sites. The compression technician's skills and abilities have a direct impact on production levels and profit.

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## Semester I

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

**15**

## Semester II

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

**16**

**Total Credits 60**

## Semester III

_____	ELMT 1301	Basic Programmable Logic Controllers
_____	WLDG 1200	Introduction to Welding
_____	_____	MATH/Science
_____	ENGL 1301	Composition I
_____	_____	ENGL 2311 or SPCH 1315

**14**

## Semester IV

_____	_____	Language, Philosophy, & Culture
_____	_____	HIST 1301, HIST 1302, GOVT 2305, or GOVT 2306
_____	HEMR 1370	Natural Gas Compression II
_____	HEMR 1371	Natural Gas Maintenance and Troubleshooting
_____	PTRT 1324	Petroleum Instrumentation

**15**

HEMR 1371 is a capstone course.