

NATURAL GAS COMPRESSION
 Associate of Applied Science Degree
 Catalog 2009-2010
 SCHOOL OF ENERGY • 800 South Hutton • Farmington, NM 87401 • 505.327.5705

The Natural Gas Compression Associate of Applied Science degree 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. **Instructor approved admission requirement.**

NOTE: A student must earn a grade of a "C" or higher in all courses to obtain a degree.

				Credit	
				Hours	Grade
1st Semester					
_____	COMP	111	Natural Gas Engine Theory	5	_____
_____	COMP	112	Natural Gas Engine Repair/Overhaul	5	_____
_____	COMP	121	Natural Gas Engine Preventative Maintenance	2	_____
_____	COMP	122	Natural Gas Engine Auxiliary Equipment	2	_____
_____	COMP	123	Natural Gas Electrical Diagnostics	3	_____
_____	COMP	124	Natural Gas Engine Trouble Shooting	2	_____
_____	COMP	180	Natural Gas Compression Cooperative Work Experience	6	_____
_____	SAFE	139	Composite Safety Training	<u>3</u>	_____
				Total 28	

2nd Semester					
_____	COSC	125	Business Microcomputer Applications OR		
_____	COSC	137	Energy Industry Microcomputer Applications	3	_____
_____	COMP	230	Natural Gas Compression Theory	3	_____
_____	COMP	231	Natural Gas Compression Repair/Overhaul	3	_____
_____	COMP	235	Natural Gas Compression Preventative Maintenance	2	_____
_____	COMP	236	Natural Gas Compression Troubleshooting	2	_____
_____	COMP	250	Natural Gas Basic Instrumentation and Controls	<u>3</u>	_____
				Total 16	

3rd Semester					
_____	COMP	280	Natural Gas Compression Cooperative Work Experience II	15.5	
_____	ENGL	118	Technical Composition OR		_____
_____	ENGL	111	Freshman Composition	<u>3</u>	_____
				Total 18.5	

4th Semester					
_____	ENGL	218	Advanced Technical Composition	3	_____
_____	_____	_____	Social/Behavioral Science Elective*	3	_____
_____	GEOL	110	Introduction to Geology OR		
_____	GEOL	120	Introduction to Petroleum Geology	4	_____
_____	MATH	113	Applied Mathematics for Vocational Students	3	_____
_____	SPCH	111	Interpersonal Communication OR		
_____	SPCH	120	Business and Professional Communication	<u>3</u>	_____
				Total 78.5	

Total credit hours required for this degree is 81.5

* See page 45, Humanities and Social Science Elective, 2009-2010 San Juan College catalog.