

NATURAL GAS COMPRESSION TECHNOLOGY

Associate of Applied Science Degree and Certificate

The Natural Gas Compression Technology Associate of Applied Science degree program is designed to provide technically oriented entry-level employees with the 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.

This program is selective and has program-specific admissions requirements that must be met. Interested students must **FIRST** complete the SJC Application for Admission **AND** the LSOP/COMP Annual Program Application (including all required documentation) prior to **May 15** for consideration for the subsequent fall semester. A complete application does not guarantee an interview for selection into the program.

To receive a Natural Gas Compression Technology Program application packet:

1. Call the School of Energy at (505) 327-5705, or toll free, (866) 426-1233 and request one by mail, or
2. Come by our office, 800 S. Hutton, Farmington, NM 87401, or
3. Visit us online at <http://www.sanjuancollege.edu/energy> and click on the Natural Gas Compression Technology program link, scroll to Download and select "Annual Program Application."

Interested students must:

- Apply to (and be accepted by) San Juan College using the San Juan College Application for Admission form, available online, and
- Submit the completed School of Energy COMP/LSOP Annual Program Application form to the School of Energy, with:
 - Unofficial college transcripts (if applicable)
 - MVD driving record, last 7 years
 - Accuplacer Test scores (printed from San Juan College)
 - 2 reference forms (provided with application form), not from family
 - Typed short answers to 5 application questions

*NOTE: Students who are selected for the Natural Gas Compression Technology program will be required to take a drug test and submit to a criminal background check before classes begin.

Instructor approved admission requirement. A student must earn a grade of C or higher in all courses to obtain a degree.

AAS = Associate of Applied Science

C = Natural Gas Compression Certificate

1st Semester		AAS	C
SAFE 139	Composite Safety Training	3	3
COMP 112	Natural Gas Engine Repair/Overhaul	5	5
COMP 113	Natural Gas Compression Engine Theory	3	3
COMP 121	Natural Gas Engine Preventative Maintenance	2	2
COMP 122	Natural Gas Engine Auxiliary Equipment	2	2
COMP 126	Natural Gas Electrical Diagnostics	2	2
COMP 124	Natural Gas Engine Troubleshooting	2	2
	Total	19	19

2nd Semester		AAS	C
COMP 190	Natural Gas Compression Coop Work Experience	6	6
COMP 233	Natural Gas Compressor Theory	2	2
COMP 234	Natural Gas Compressor Repair/Overhaul	2	2
COMP 235	Natural Gas Compressor Preventative Maintenance	2	2
COMP 236	Natural Gas Compressor Troubleshooting	2	2
COMP 256	Natural Gas Compression Basic Instrumentation and Controls	2	2
COSC 137	Energy Industry Microcomputer OR		
COSC 125	Business Microcomputer Applications	3	3
	Total	19	19
3rd Semester		AAS	C
GEOL 110	Introduction to Geology OR		
GEOL120	Introduction to Petroleum Geology	4	
ENGL 118	Technical Composition OR		
ENGL 111	Freshman Composition	3	
Option 1			
COMP 281	Natural Gas Compression Coop. Work Exper. II	9	
Option 2			
	Select 9 credits from any of the following School of Energy programs: Industrial Maintenance Mechanic, Industrial Process Operator, Natural Gas Compression, Occupational Safety		
Option 3			
	Select 9 credits from the following: MUSI-110, THEA-110, PHIL-110, HIST-211, HIST-212, ECON-251, ECON-252, BIOL-110, BIOL-112, BIOL-122, CHEM-110, CHEM-111, CHEM-112, PHYS-111		
	Total	16	0

In addition, the following courses must be completed to earn the associate's degree. They can be taken before, after, or in conjunction with the core classes:

4th Semester		AAS	C
ENGL 218	Advanced Technical Composition OR		
ENGL 211	Advanced Composition	3	
MATH 113	Math for Technical Careers OR	3	
MATH 115	Intermediate Algebra and Applications	(4)	
COMM 111	Interpersonal Communication OR		
COMM 120	Business and Professional Communication	3	
	Humanities/Social Science Elective	3	
	Total	12-13	0
	Total Credits	66-67	38