

# NATURAL GAS COMPRESSION TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Code	Title	Hours
<b>General Education</b>		
Course required from Area I, II, IV, V, and VII <sup>1</sup>		16
Area I: Communications		
ENGL 1110G	Composition I (Technical Requirement) <sup>2</sup>	
Area II: Mathematics <sup>1</sup>		
Area IV: Social/Behavioral Sciences <sup>3</sup>		
Area V: Humanities		
HIST 1110G	United States History I (Technical Requirement) <sup>2</sup>	
Area VII: Flexible 3 (General Education Elective)		
ENGL 2210G	Professional & Technical Communication (Technical Requirement) <sup>2</sup>	
<b>Technical Requirements</b>		
HIST 1120G	United States History II	3
INMT 237	Hydraulics I	2
INMT 165	Equipment Processes	4
INMT 205	Programmable Logic Controllers and Applications	4
NGEC 133	Natural Gas Engine Repair Technology	5
NGEC 175	Natural Gas Compressions Technology I	4
NGEC 245	Natural Gas Engine Management and Control Technology	5
NGEC 185	Natural Gas Compression Technology II	4
NGEC 246	Fuel and Emissions Technology	5
OEET 110	Basic Electricity and Electronics	4
OETS 100	Industrial/Construction Safety	2
OETS 118	Mathematics for Technicians	3
<b>Total Hours</b>		<b>61</b>

<sup>1</sup> See the General Education section of the catalog for a full list of courses.

<sup>2</sup> Course is a Technical Requirement and must be completed regardless of transfer credit awarded.

- <sup>3</sup> The Area IV courses that are recommended for this degree:
- ANTH 1115G Introduction to Anthropology
  - ECON 1110G Survey of Economics
  - ECON 2110G Macroeconomic Principles
  - ECON 2120G Microeconomic Principles
  - GEOG 1120G World Regional Geography
  - GEOG 1130G Human Geography
  - POLS 1120G American National Government
  - POLS 1110G Introduction to Political Science
  - SOCI 1110G Introduction to Sociology

## A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
OETS 100	Industrial/Construction Safety	2
OETS 118	Mathematics for Technicians	3
INMT 237	Hydraulics I	2
ENGL 1110G	Composition I (Area I: Communications)	4
Area IV: Social/Behavioral Sciences Course <sup>1</sup>		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
OEET 110	Basic Electricity and Electronics	4
INMT 165	Equipment Processes	4
ENGL 2210G	Professional & Technical Communication (Area VII: Flexible 3 (General Education Elective))	3
NGEC 133	Natural Gas Engine Repair Technology	5
<b>Hours</b>		<b>16</b>
<b>Second Year</b>		
<b>Fall</b>		
INMT 205	Programmable Logic Controllers and Applications	4
NGEC 175	Natural Gas Compressions Technology I	4
NGEC 245	Natural Gas Engine Management and Control Technology	5
HIST 1110G	United States History I (Area V: Humanities)	3
HIST 1120G	United States History II	3
<b>Hours</b>		<b>19</b>
<b>Spring</b>		
NGEC 185	Natural Gas Compression Technology II	4
NGEC 246	Fuel and Emissions Technology	5
Area II: Mathematics <sup>1</sup>		3-4
<b>Hours</b>		<b>12-13</b>
<b>Total Hours</b>		<b>61-62</b>

<sup>1</sup> See the General Education section of the catalog for a full list of courses.

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- GEOG 1120G World Regional Geography
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- POLS 1120G American National Government
- POLS 1110G Introduction to Political Science
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