



Engineer	Professional
Job Description	Uses science and engineering principles to design systems and equipment related to the transmission of natural gas.
Education/Certification	The minimum is an engineering degree. The University of Alberta (Edmonton) and the University of Calgary offer four-year programs leading to Bachelor of Science (BSc) in Engineering degrees. Available in a number of disciplines: Civil, Mechanical, Petroleum, Chemical, Electrical, Environmental.
Experience	Experience on related projects will determine the level of responsibility.
Skills	Engineers need: mathematics and science; the ability to think logically and solve problems; good communication skills (oral and written); the ability to work independently or with a team; and a high energy level to deal with demanding workloads and changing priorities.
Salary Range	\$39,000 to \$47,000 per year. Experienced engineers may earn \$75,000 or more a year.
Transferability	Engineers are found in many industries and corporations, such as mining, forestry, oil and gas, hydro, environmental and municipal organizations.

Note: These job descriptions represent positions frequently found in large pipeline projects. Appropriate education and experience will play a determining role when selecting candidates. Some positions may require extensive natural gas related expertise. Salaries and wages are based on 2001 data and may change according to market conditions.