



Technologist Skilled/Professional

Engineer Technologist

Job Description May perform a variety of tasks: directing work; measuring and recording; and designing and supervising.

Education/Certification A technical diploma in engineering is the minimum educational qualification to work as a pipeline engineering technologist.

Experience Experience on related projects will determine the level of responsibility given.

Skills Should have an aptitude for the sciences, particularly chemistry, physics and mathematics. Should also have good verbal and written communication skills.

Salary Range Varies considerably, based on experience. Average salary range is \$35,000 - \$65,000 per year.

Transferability Engineering technologists are mainly found in the oil and gas industry. They may work within several oil and gas related areas, such as oil sands, reservoirs, facilities.

Information Services/Technology - Professional

Job Geographic Information Services, Management Information Services, and Information Technology (GIS, MIS, IT)

Job Description Responsible for electronic data storage and data base development to support all engineering and construction activities.(GIS is a computer system capable of assembling, storing, manipulating, and displaying geographically referenced information, i.e. data identified according to their locations.)

Education/Certification A university degree or equivalent experience in GIS/MIS/IT services. A diploma program is available at some institutions designed for students with a background in a relevant discipline or technology.

Experience Related experience in pipeline GIS.

Skills Requires three-dimensional thinking and manual dexterity.

Salary Range \$35,000 to more than \$75,000 per year.

Transferability May work with similar groups in any organization.



Other technician positions:

**Survey
Technologist**

Uses a wide variety of surveying and computer equipment to stake out buildings and other structures.
Minimum education: a diploma in surveying technology.
Starting salary range: \$25,000 - \$35,000 a year.

**Drafting
Technologist**

Produces engineering drawings for review and construction using computer-assisted drafting (CAD) software.
Minimum education: a diploma or certificate in CAD.
Starting salary: \$25,000 - \$35,000 a year.

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.