

Demand for Oil & Gas Engineers Exceeds Current Supply

Scott Steele June 14, 2013



Oil & Gas Engineers Exceeding Supply

With many oil and gas engineers set to retire in the near future there is an increasing demand for skilled petroleum engineers to take their place. The University of Alberta offers the only accredited BSc Petroleum Engineering degree program in Canada.

(Newswire.net -- June 14, 2013) Calgary, AB -- With global development there is a growing need for petroleum. It is vital for our daily activities. The growing need has increased concerns about risks to the environment as well as access to affordable supplies. Petroleum engineers are employed to address and solve these important issues.

For petroleum engineers there are many opportunities to develop new technologies and influence the growing energy market.

For Canadian students looking to earn a degree in petroleum engineering the [University of Alberta](#) offers the only accredited BSc Petroleum Engineering degree program in Canada. The University is located in Edmonton, Alberta. Their website explains, “state-of-the-art research and instructional labs are matched only by our team of professors and researchers—recognized as some of the top achievers and scientists in their fields.”

Students who are interested in this field know that petroleum engineering overlaps many other engineering disciplines including civil, chemical and mechanical.

The University of Alberta states, “[Petroleum engineers](#) are involved in the exploration and development of oil and gas fields. They apply the principles of geology, physics, and the engineering sciences to the recovery, development, and processing of petroleum. Petroleum engineers recommend the best location for drilling a well, determine if the well contains significant quantities of hydrocarbons that can be recovered economically, and make decisions regarding appropriate well completion techniques.”

With a degree in petroleum engineering a graduate will have many job opportunities that will offer a rewarding career. Here are some of the possibilities a graduate can look forward to:

- Consulting and policy making
- Evaluating potential gas and oil reservoirs
- Oil sands extraction technology design
- Project management engineers oversee drilling
- Select and implement recovery schemes
- Design surface collection and treatment facilities

If you like adventure and challenging work petroleum engineering may be just the career for you. Many of the larger petroleum companies have locations around the globe. As an industrial engineer you may be required to travel to these areas to solve problems, use your skills in engineering design or assess needs.

If you love technology you would be happy to learn that petroleum engineers increasingly use advanced computers. High performance computers are used for engineering design, analyzing exploration data, simulating reservoir behavior, automating oilfield production and drilling operations.

Petroleum engineer is one of the highest paid positions in the industry. With all the growth especially in the U.S. more engineers are needed. It is also widely known that many high paying positions are coming available as many of the

older petroleum engineers retire.

If you are a petroleum engineer and you are looking for a rewarding career opportunity you are invited to post your resume on righelp.com free of charge. They have thousands of job opportunities in the oil and gas industry.

Righelp.com is a subsidiary of Oilfield Directory (oilfielddirectory.com) the global oil and gas company directory. Petroleum engineers will find contact information for engineering companies such as: Jacobs Engineering Group Inc. (NYSE:JEC), SNC-Lavalin Group Inc.(TSX:SNC), AMEC (LSE: AMEC) and more.

If you have an interest in contacting other types of engineering firms such as mechanical engineers, electrical engineers, chemical engineers or a host of others check out the section dedicated to engineers on oilfielddirectory.com

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Sources

<http://www.civil.engineering.ualberta.ca/Research/ResearchAreas/petroleum.aspx>

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