

BACHELOR OF APPLIED TECHNOLOGY PETROLEUM ENGINEERING

PROGRAM OVERVIEW

The BAPT program is designed to prepare graduates for a multitude of career opportunities in the petroleum industry in such areas as oil and gas exploration, drilling, reservoir and production engineering, gas process engineering, oil and gas facilities design and operation, upgrading and refining operations, and economic analysis.

There are many optional courses providing detailed training in many specialized fields of the petroleum industry. This allows students to personalize their training to better suit their interests and needs.

BAPT students are required to complete a minimum of 800 hours (27 credits) of coursework, followed by a supervised work practicum in the oil and gas industry of 800 hours (30 credits). Students are responsible for securing their own employment, with some assistance provided by SAIT.

PROGRAM LENGTH

Full-time students can complete the course work in a minimum of two semesters; however it is not unusual for students to need more than two semesters to complete the course work portion of the degree requirements. Students are allowed up to seven years to complete both the course and practicum portions of the program. Fall and winter starts are available.

Once registered in the practicum, students will have 1 year to complete the supervised work experience. Credit for the practicum may be given for relevant work experience to students who work during the day and complete courses in the evening. Credit may also be given for previous relevant Canadian work experience, but only up to 50% of the required 800 hours work experience.

COURSE DELIVERY OPTIONS

It is possible to combine some day courses with some evening courses or distance delivery courses in order to meet personal schedule requirements. However, not all classes are offered in the evening or by distance delivery. As a result, students need to attend some day time classes at SAIT to complete the program.

THE SAIT ADVANTAGE

- Graduate work-ready in only two years
- Learn from industry-experienced and professionally-trained instructors
- Apply for a chance to receive a piece of nearly \$200,000 in student awards available for MacPhail School of Energy students, in addition to awards available for all students
- Benefit from curriculum that is guided by our partners in industry to ensure that it remains up-to-date and relevant
- Enjoy world-class facilities and the soon-to-be-completed \$400 million Trades & Technology Complex
- Take comfort in the fact that MacPhail School of Energy graduates have a high employment rate and earn the highest starting salaries at SAIT

MACPHAIL SCHOOL OF ENERGY

The MacPhail School of Energy is the first school of energy in Canada and one of only a handful of energy schools in North America.

The MacPhail School of Energy offers a range of energy training programs and applied research for students at all points in their careers.

Whether you are just starting-out, looking to make a career change, or want to build on your career experiences, we have a program that will suit your needs.

Training is available in all major areas of the energy industry, including petroleum, electrical, chemical, power, instrumentation, chemical engineering, environmental, and energy asset management.

The MacPhail School of Energy prepares students to meet the demands of the energy sector through our degree, diploma, certificate and apprenticeship programs, distance and continuing education courses, and corporate training solutions.

CREREDENTIALS & ACCREDITATION

After successfully completing this program, graduates will receive a SAIT Bachelor of Applied Technology Petroleum Engineering degree.

It should be noted that this degree does not currently provide the requirements leading to registration as a professional engineer or technologist.

ADMISSION REQUIREMENTS

A two-year SAIT diploma in Petroleum Engineering Technology, Chemical Engineering Technology, Mechanical Engineering Technology, Instrumentation Engineering Technology, Civil Engineering Technology, Electrical Engineering Technology, or similar engineering technology, with a grade point average of 2.5 or better on a 4 point grade scale is the normal entrance requirement.

University graduates holding relevant science (mathematics, physics, chemistry, geology, or geophysics) or engineering degrees are accepted. Additional courses may be required before starting the program.

Applicants with other qualifications will be considered upon submission of certified background information. Foreign documents need to be assessed by either International Qualifications Assessment Services (IQAS) or World Education Services (WES). Registration in a Canadian Professional Engineering or a Certified Technologist organization can be substituted for the IQAS or WES assessments.

Visit <http://employment.alberta.ca/Immigration/4522.html> or <http://wes.org/ca> for more information.

All applicants to SAIT Polytechnic must demonstrate English Language Proficiency prior to admission, including students educated in Canada.

For complete admission requirements visit sait.ca.

GRADUATE EMPLOYMENT STATISTICS

2010 Bachelor of Applied Technology Petroleum Engineering Graduates:
Employment rate: 100%*
Average starting salary: \$74,016*

EXPERIENCE SAIT

Open House

Come to our Open House events in October and February to learn more about this and other programs, to tour our training facilities and to meet our instructors.

For more information visit sait.ca.

Information Sessions

Parents and students are welcome to attend a free information session to learn more about this program and career opportunities.

Student for a Day

Come try out one of our programs for yourself by registering for our free Student for a Day program. You will spend a day going to classes, touring campus, and experiencing what life is like at SAIT.

For dates and more information on Information Sessions or Student for a Day, visit sait.ca/energy and view our Events page.

FOR MORE INFORMATION

To learn more about SAIT:

sait.ca
furtheryourpassion.ca

Program details:

sait.ca/energy

Student scholarships and awards:

sait.ca/studentawards

Additional resources available at sait.ca:

- Career Counselling
- Academic Upgrading
- English Language Foundations
- Prior Learning Assessment and Recognition

CONTACT US

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Find us on Facebook:

facebook.com/saitenergy

Visit our Blog:

saitenergy.wordpress.com

SAIT Student Services

403.284.7248
1.877.284.7248
advising@sait.ca



1. Download a free QR code reader.
2. Take a picture/Scan the QR code.
3. This code will dial the MacPhail School of Energy phone number.