

ENVIRONMENTAL TECHNOLOGY

PROGRAM OVERVIEW

Environmental Technology provides students with a unique and focused combination of knowledge and skills in environmental technology and chemistry. The program combines a field and laboratory orientation with a broad theoretical background to provide students with the skills needed to work in the field or in the lab as an environmental technologist.

During the second year of study, students complete one week of intensive field work in Kananaskis, where they learn how to use equipment and apply techniques that are commonly used in environmental field projects.

The Environmental Technology program focuses on:

- Laboratory skills
- Environmental chemistry
- Geology
- Hydrology/hydrogeology
- Mathematics
- Sampling & analysis

The program also provides training in the environmental applications of these topics, including impact assessment, site remediation, and reclamation.

PROGRAM LENGTH

Two-year program, consisting of four 15-week semesters. Fall start. Full-time study.

CREDENTIALS & ACCREDITATION

After successfully completing this program, graduates will receive a SAIT diploma in Environmental Technology. This program is nationally accredited by the Environmental Careers Organization (ECO) Canada.

ADMISSION REQUIREMENTS

Alberta High School Diploma or equivalent with at least 60% in Pure Math 30 and Chemistry 30 or equivalents, 50% in English Language Arts 30-1 or 60% in English Language Arts 30-2 or equivalents.

For complete admission requirements visit sait.ca.

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.

FROM DIPLOMA TO DEGREE

Through SAIT Polytechnic transfer agreements and institution partnerships, graduates of this SAIT program may be eligible for credit at other universities and colleges.

For more information visit sait.ca/transferoptions.

YOUR CAREER

Environmental Technologists work in environmental protection, conservation and preservation of natural resources, and environmental education, communication and research.

Graduates find work as environmental technologists, biological technicians, forest technicians/technologists, and pollution control technologists.

Opportunities for employment exist in utility and mining companies, chemical manufacturers, steel makers, transportation, the oil and gas industry, federal/provincial government departments, municipalities, education institutions, wastewater management, water treatment, research and health care centres, environmental interest groups and industry associations.

CAREER RESOURCES

Alberta Occupational Profiles:
alis.gov.ab.ca

Petroleum Human Resources Council of Canada:
careersinoilandgas.com

INDUSTRY ASSOCIATIONS

Association of Science and Engineering Technology Professionals of Alberta (ASET):
aset.ab.ca

ECO Canada:
eco.ca

GRADUATE EMPLOYMENT STATISTICS

2010 Environmental Technology Graduates:
Average starting salary: \$42,316*

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

MacPhail School of Energy

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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