



Information Technology

Beginning in Fall 2022, this program and its majors will be offered as part of our new [Software Development and Information Technology Service](#) programs.

Build a career as an information technology specialist or consultant with this comprehensive program. Prepare for an ever-growing industry through a major in computer systems, network systems, telecommunications or software development.

Information Technology deals with the generation, storage, retrieval, transmission and protection of information and the hardware and software involved in these processes.

For that reason, IT professionals are often called IT specialists/consultants or business process consultants and the division of an organization that deals with computers, software and communication technology are often called the IT department.

The growth of the IT sector in Canada is expected to continue to outpace other market segments in the future according to the Canadian and Alberta governments and independent research companies such as Forrester's and the Information and Communications Technology Council (ICTC) of Canada.

The Information Technology program encompasses four majors: Computer Systems, Network Systems, Software Development and Telecommunications. The first semester is common to all four majors. It is a full-time, two-year diploma program.

IT Computer Systems major	Prepares ITCS graduates for the IT functions that work with the people and processes that help keep the computers, communications and information systems installed, connected, maintained and supported. Students receive in-depth training on computer hardware and peripheral systems, server and system administration, operating systems, data center management and virtualization, networking, and IT security. In addition, students develop skills in interpersonal communications and teamwork, customer service protocols, business applications and problem-solving techniques.
IT Network Systems major	Prepares ITNS graduates for the analysis, planning, design, installation and optimization of computer networks and network systems. Students receive in-depth training on network infrastructure that includes router, switch and server configurations, plus IP telephony, security and emerging technologies. The training provided in this major prepares graduates for the highly recognized Cisco CCNA and CCNP industry certifications.
IT Software Development major	Prepares ITSD graduates for work in a variety of IT activities including the design, development, implementation, testing and maintenance of software systems. Students receive in-depth training in programming techniques as well as analysis, design, implementation and testing of new programs on multiple hardware and software platforms (e.g. Windows, Web and Linux) using a variety of programming languages (e.g. Java, C, PHP, XML, PL/SQL, SQL) and different supporting technologies (e.g. Communications Networks, Databases, Operating Systems).
Telecommunications major	Prepares ITT graduates to be proficient in Telecommunications technologies that facilitate the Global Transmission of voice, video, data, text, and audio using smartphones, tablets and computing devices via media such as wireless, satellite and copper/fibre optic cabling technologies. Students receive in-depth training on designing, installing, configuring, commissioning, integrating, maintaining and administering voice, data and video networks.

Is this the right fit for me?

Characteristics of a successful student in this program include:

- working knowledge of MS Office Suite would be an asset
- enjoys keeping up-to-date on new technological developments, continues to take training and enjoy learning new skills
- managing your time and work effectively while facing deadlines
- working independently with little supervision but can also perform as a vital member of a team of professionals
- ability to pay attention to detail and take personal pride in their technical problem-solving skills.

Credential

After successfully completing this program, graduates will receive a SAIT diploma in Information Technology.

Admission and Selection

Introducing two
new programs

You need the most industry-relevant, tech-focused education and we've got you covered. With industry input to meet the demands of the current and growing labour market, we've launched two new programs. Get the future-proof skills to launch your career in IT. Apply today!

[Software Development](#)

[Information Technology Services](#)

Costs 2022/23

Domestic tuition and fees

Cost per credit: \$246

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$7,380	\$916	\$553	\$8,849
2	2	\$7,380	\$916	\$553	\$8,849

International tuition and fees

Cost per credit: \$739.27

Year	Number of semesters	Tuition fees	SAIT fees	Saitsa fees*	Total
1	2	\$22,178.10	\$916	\$553	\$23,647.10
2	2	\$22,178.10	\$916	\$553	\$23,647.10

*Maximum fee. Actual fees may be less and are based on the number of credits a student takes per semester and whether they opt-out of health and dental benefits.

SAIT fees

- Campus athletic and recreation fee: \$196
- Universal transit pass (Upass): \$320
- Student support fee: \$200
- Student technology fee: \$200

Saitsa fees

Student Association fee

- Maximum: \$291

This is the maximum amount the student will pay. Actual fees may be less and are based on the number of credits the students take per semester.

Health and dental fees

- Health plan: \$127

- Dental plan: \$135

Students with existing health and/or dental plans can opt-out. Please refer to [Saita's website](#) for information.

For more information on health and dental benefits for international students, please contact the [International Centre](#).

Books and supplies*

Books and supplies are approximately \$1000 for the second year or \$500 per semester.

For an estimate of the costs associated with purchasing a computer that meets the program's hardware and software requirements, see our [computers and laptops page](#).

Learn more about [tuition and financial aid](#).

*Tuition, fees, books and supply costs are subject to change.