Object Oriented Software Development

SCHOOL FOR ADVANCED DIGITAL TECHNOLOGY

Overview

Are you eager to start a rewarding career as a full-stack software developer? Our Object Oriented Software Developer program provides comprehensive training to ensure you develop strong software development skills efficiently.

In this program, you'll learn:

- object-oriented programming from introductory concepts to advanced techniques, helping you to master multiple object-oriented programming languages
- web-based application development, with hands-on experience creating cutting-edge applications
- relational databases by exploring the ins and outs and discovering how they are integral to modern software development.

Throughout the program, you'll work with various technology development tools, providing practical experience that mirrors real-world scenarios.

This is an intensive program requiring a commitment of both time and energy. You will need to make your education a priority throughout the program.

As a graduate, you'll be prepared for diverse roles in the tech industry, including software developer, programmer, analyst, systems analyst, web developer or IT consultant.

Whether starting from scratch or looking to enhance your existing skills, this program is your fast track to a successful career in full-stack software development and computer programming.

Join us and embark on your journey to becoming a proficient software developer.

Traits, skills and aptitudes

Those working in the software development field are innovative, methodical and directive.

You need:

- logical thinking to analyze complex problems and create and verify solutions
- patience and persistence when developing or debugging programs
- attention to detail to avoid errors that cost time and money
- the ability to interpret user needs
- knowledge of user experience (UX) techniques
- speaking, listening and writing skills
- interpersonal and teamwork skills.

You should enjoy learning new computer languages and programming styles, creative problem-solving, doing tasks with precision and taking a structured approach to your work.

Practicum, Co-op and Work Integrated Learning

You will participate in a practicum at a participating organization, giving you a realistic taste of working in the technology industry and the opportunity to connect with potential future employers.

Specialized Intakes

This program is available to **international applicants** as a stand-alone program or as part of a program bundle - two programs delivered consecutively.

For details on available bundles including this program, see international bundle programs.

Credentials

Upon successful completion of this program, you'll be awarded a SAIT Object Oriented Software Development certificate.

Admission requirements

Applicants educated in Canada

Applicants must demonstrate English language proficiency and completion of the following courses or equivalents:

- at least 60% in English Language Arts 30-1 or English Language Arts 30-2 or equivalent, or,
- a minimum of two years of post-secondary education from a recognized university, institute, or college.

SAIT accepts high school course equivalents for admission for applicants educated outside Alberta.

International requirements

All applicants who were educated outside of Canada must demonstrate English language proficiency and provide proof they meet the program admission requirements with an international document assessment. Find accepted educational documents and assessment options.

SAIT may also accept courses completed at certain international post-secondary institutions.

Costs

2026/27 tuition and fees

The following estimated costs are effective as of July 1, 2026.

The estimated total cost of tuition and fees is based on the suggested schedule of study. Following a modified schedule will impact the fees you pay per semester and may alter final costs.

Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2.5*	$14,421	$2,015	$16,436
			Total cost:	**$16,436**

The estimated total cost of tuition and fees for domestic students is based on the recommended course load per year.

*.5 indicates a combination of full-time semester(s) and part-time semester(s) in the same academic year. In many cases, students are completing a practicum during their part-time semester. Part-time students are those taking less than nine (9) course credits in a semester. You will not be eligible for the UPass in your part-time semester.

International Students

The program total is based on the estimated amount you will pay if you enter this program during the 2026/27 academic year. The program total amount listed on your letter of admission may appear higher. This amount is your maximum tuition guarantee for the program. SAIT will not exceed this maximum, regardless of changes in tuition and fees between academic years.

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2.5*	$22,486.50	$2,015	$24,501.50

Year	Number of semesters	Tuition fees	Additional fees	Total per year
			Total cost:	**$24,501.50**

The estimated total cost of tuition and fees for international students is based on the recommended course load per year.

*.5 indicates a combination of full-time semester(s) and part-time semester(s) in the same academic year. In many cases, students are completing a practicum during their part-time semester. Part-time students are those taking less than nine (9) course credits in a semester. You will not be eligible for the UPass in your part-time semester.

Books and Supplies

Books and supplies are approximately $1,000 - $1,500 per full-time year.

This is a bring-your-own-device program with a power-user computer hardware and software requirement. See the specific requirements on our computers and laptops page.

Your textbooks will be provided at no additional cost.