



# 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. Due to the tight integration of the courses in this program, credit for prior learning is not available.

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.

## Credentials

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

## 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.

If you choose the program bundle, you'll complete the Object Oriented Software Development program in your first year of study.

In the second year of study, you'll complete the following:

- [Data Analytics](#)

After completing both programs, you'll receive two credentials, including a Object Oriented Software Development certificate.

You may then qualify for a post-graduate work permit of up to three years. If you only complete one of the programs, you may be eligible for a one-year post-graduate work permit.

Applicants must meet the admission requirements for both programs.

[Bundle program details](#)

## 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

### 2024/25 tuition and fees

The following estimated costs are effective as of July 1, 2024.

#### Domestic Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2.5*	\$14,421	\$1,840	\$16,261
<b>Total cost:</b>				<b>\$16,261</b>

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.

#### International Students

Year	Number of semesters	Tuition fees	Additional fees	Total per year
1	2.5*	\$21,831	\$1,840	\$23,671
<b>Total cost:</b>				<b>\$23,671</b>

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.

## 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.