

SOFTWARE DEVELOPMENT – APPRENTICESHIP STYLE DIPLOMA PROGRAM

List is effective September 3, 2024 to August 22, 2025. Learners follow the Program Course List in place at the start of their program

The Software Development–Apprenticeship Style (SDAS) diploma program must be completed within 5 years

IMPORTANT INFORMATION ABOUT THIS PROGRAM

Course availability and program requirements are determined by the School of Technology.

Not all course modes are available for all courses or programs, and not all courses are available each term. Learners should follow up on their individual program areas, or their MyBVC for information for courses delivery types and availability.

The program requirements that were in effect on the date that the learner began their program are those that need to be fulfilled in order to graduate.

Term availability listed is only for the 2024/2025 Academic Year.

Maximum class capacity is determined by the department offering the course.

Pre-requisites are courses that must be completed before taking a more advanced course.

Co-requisites are courses that must be taken before or at the same time as another course.

Learners may attempt a course a maximum of 3 times. This includes withdrawing from a course.

APPRENTICE INFORMATION

The work term provides learners with professional work experience during which they apply the practical skills, knowledge, and attitudes developed in the program. In consultation with a faculty advisor, each learner conducts a job search and secures a part-time position in the industry. Learners will work as part of a team, and advance their technical skills as junior developers.

Term	Course	Credits	Availability	Passing grade	Pre-requisite	Co-requisite	Checklist (for learner use)
1	DATA1251 - Introduction to Database	3	Fall	D (50% or higher)		SODV1251	
	SODV1251 - Web Programming Basics and Node.js	6	Fall	D (50% or higher)			
	SODV1252 - Programming in C#	6	Fall	D (50% or higher)		SODV1251	
2	CLCM1151 - Introduction to Cloud	3	Winter	D (50% or higher)			
	SODV1253 - Web Programming - REACT	3	Winter	D (50% or higher)	SODV1251		
	SODV1254 - Object Oriented Programming Concepts	3	Winter	D (50% or higher)	SODV1252		
	SODV1255 - Web Programming - ASP.NET	3	Winter	D (50% or higher)	SODV1251		
	SODV1951 - Software Development Immersive Industry Experience - I	3	Winter	Pass/Fail	SODV1251, SODV1252, DATA1251		
3	SODV2251 - Mobile Application Development I	3	Spring	D (50% or higher)			
	SODV2451 - Full Stack Web Application	6	Spring	D (50% or higher)	DATA1251, SODV1253, SODV1255		
	SODV2452 - Application Development	3	Spring	D (50% or higher)	SODV1254, DATA1251		
	SODV2951 - Software Development Immersive Industry Experience - II	3	Spring	Pass/Fail	SODV1951, CLCM1151, SODV1253, SODV1254, SODV1255		
4	DATA2251 - Advanced Database Concepts	3	Fall	D (50% or higher)	DATA1251		
	SODV2453 - Mobile Application Development II	6	Fall	D (50% or higher)	SODV2251		
	SODV2952 - Software Development Immersive Industry Experience - III	3	Fall	Pass/Fail	SODV2951, SODV2251, SODV2451, SODV2452		
	TECH2451 - Cloud Development	3	Fall	D (50% or higher)	CLCM1151		

TOTAL CREDITS
60
A full time course load is 9 credits or more. A part time course load is 8 credits or less.