

SOFTWARE DEVELOPMENT DIPLOMA PROGRAM COURSE LIST

List is effective September 5, 2023 to August 23, 2024. Learners follow the Program Course List in place at the start of their program

Learners have 5 years to complete the Software Development (SD) diploma program

IMPORTANT INFORMATION ABOUT THIS PROGRAM

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

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.

Learners follow the Program Course List in effect at the start of their program.

Term availability listed is only for the 2023/2024 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.

| Term | Course | Credits | Availability | Passing grade | Pre-requisite | Checklist (for learner use) |
|------|--|---------|---------------|-------------------|--|--------------------------------|
| 1 | MATH1901 Math for the Computer Industry | 3 | Fall/Winter | D (50% or higher) | | |
| | MGMT1103 Essential Skills for Teams Collaboration | 3 | Fall/Winter | D (50% or higher) | | |
| | SODV1101 Programming Fundamentals | 3 | Fall/Winter | D (50% or higher) | | |
| | TECH1101 Web and Internet Fundamentals | 3 | Fall/Winter | D (50% or higher) | | |
| | TECH1102 Internet of Things | 3 | Fall/Winter | D (50% or higher) | | |
| 2 | DATA1201 Introduction to Relational Databases | 3 | Winter/Spring | D (50% or higher) | SODV1101 | |
| | DESN2301 User Experience Design | 3 | Winter/Spring | D (50% or higher) | | |
| | SODV1201 Introduction to Web Programming | 3 | Winter/Spring | D (50% or higher) | SODV1101, TECH1101 | |
| | SODV1202 Introduction to Object Oriented Programming | 3 | Winter/Spring | D (50% or higher) | SODV1101, MATH1901 | |
| | TECH1201 Networking Essentials | 3 | Winter/Spring | D (50% or higher) | | |
| 3 | DATA2201 Relational Databases | 3 | Fall | D (50% or higher) | DATA1201 | |
| | MGMT1104 Project Management in Software Development | 3 | Fall | D (50% or higher) | MGMT1103 | |
| | SODV2101 Rapid Application Development | 3 | Fall | D (50% or higher) | SODV1202, DATA1201 | |
| | SODV2201 Web Programming | 3 | Fall | D (50% or higher) | SODV1201, SODV1202, DATA1201 | |
| | SODV2202 Object Oriented Programming | 3 | Fall | D (50% or higher) | DATA1201, SODV1202 | |
| 4 | SODV2203 Introduction to Game and Simulation Programming | 3 | Winter | D (50% or higher) | SODV2202 | |
| | SODV3203 Mobile Application Development | 3 | Winter | D (50% or higher) | | |
| | SODV2401 Algorithms and Data Structures | 3 | Winter | D (50% or higher) | SODV1202 | |
| | SODV2999 Software Development Diploma Capstone Project | 3 | Winter | D (50% or higher) | DESN2301, MGMT1104, SODV2101, SODV2201 | |
| | TECH2102 Enterprise Computing | 3 | Winter | D (50% or higher) | TECH1201, SODV2201 | |

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