



Created by: Academic Advising

2021 to 2022 Academic Year

The information included in this list is subject to change

SOFTWARE DEVELOPMENT DIPLOMA PROGRAM COURSE LIST

EFFECTIVE FALL 2021

All courses in the Software Development Diploma (SD) Program must be completed within five years of your start date.

Recommended Term:	Course Code:	Course Name:	Course Credit Weight:	Availability:	Passing Grade:	Pre-requisites:	Co-requisites:	Completion Checklist:
	Click on the course name for more information.		Full time is 9 credits or more Part-time is 8 credits or less.			A course that a student must pass before registering in a more advanced course.	A course that a student must be registered in at the same time as another course or completed beforehand.	
1	MATH1901	Math for the Computer Industry	3 credits	Fall/Winter	D (50% or higher)			
	MGMT1103	Introduction to Project Teams and Technical Communications for Software Development	3 credits	Fall/Winter	D (50% or higher)			
	SODV1101	Programming Fundamentals	3 credits	Fall/Winter	D (50% or higher)			
	TECH1101	Web and Internet Fundamentals	3 credits	Fall/Winter	D (50% or higher)			
	TECH1102	Internet of Things	3 credits	Fall/Winter	D (50% or higher)			
2	DATA1201	Introduction to Relational Databases	3 credits	Winter/Spring	D (50% or higher)	SODV1101		
	DESN2301	User Experience Design	3 credits	Winter/Spring	D (50% or higher)			
	SODV1201	Introduction to Web Programming	3 credits	Winter/Spring	D (50% or higher)	SODV1101, TECH1101		
	SODV1202	Introduction to Object Oriented Programming	3 credits	Winter/Spring	D (50% or higher)	SODV1101, MATH1901		
	TECH1201	Networking Essentials	3 credits	Winter/Spring	D (50% or higher)			

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3	DATA2201	Relational Databases	3 credits	Fall	D (50% or higher)	DATA1201		
	MGMT1104	Introduction to Project Management for IT	3 credits	Fall	D (50% or higher)	MGMT1103		
	SODV2101	Rapid Application Development	3 credits	Fall	D (50% or higher)	SODV1202, DATA1201		
	SODV2201	Web Programming	3 credits	Fall	D (50% or higher)	SODV1201, SODV1202, DATA1201		
	SODV2202	Object Oriented Programming	3 credits	Fall	D (50% or higher)	DATA1201, SODV1202		
4	SODV2203	Introduction to Game and Simulation Programming	3 credits	Winter	D (50% or higher)	SODV2202		
	SODV3203	Mobile Application Development	3 credits	Winter	D (50% or higher)			
	TECH2102	Enterprise Computing	3 credits	Winter	D (50% or higher)	TECH1201, SODV2201		
	SODV2401	Algorithms and Data Structures	3 credits	Winter	D (50% or higher)	SODV1202		
	SODV2999	Software Development Capstone	3 credits	Winter	D (50% or higher)	DESN2301, MGMT1104, SODV2101, SODV2201		
This course is optional and not required for graduation.								
5	SODV9996	Software Development Employment Search Preparation	0 credits	Subject to Availability	Pass or Fail	Department Approval		