



Created by: Academic Advising

2022 to 2023 Academic Year

The information included in this list is subject to change

## SOFTWARE DEVELOPMENT DIPLOMA PROGRAM COURSE LIST

EFFECTIVE FALL 2022

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:
			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)			
	SODV2401	Algorithms and Data Structures	3 credits	Winter	D (50% or higher)	SODV1202		
	SODV2999	Software Development Capstone Project	3 credits	Winter	D (50% or higher)	DESN2301, MGMT1104, SODV2101, SODV2201		
	TECH2102	Enterprise Computing	3 credits	Winter	D (50% or higher)	TECH1201, SODV2201		