

MODEL ROUTE										
School:	School of Engineering Technology and Applied Science		Program Number:		3619					
Program Title:	Game - Programming Co-op		Credential:		☐ Certificate☐ Graduate Certificate☐ Degree ☐ Diploma☒ Advanced Diploma☐ Centennial College Certificate					
Program Delivery Mode:	☒ Co-Op☒ Online ☐ Fast Track☐ Hybrid ☐ Non Co-op		Duration :		☐ 1 Semesters☐ 4 Semesters ☐ 2 Semesters☒ 6 Semesters ☐ 3 Semesters☐ 8 Semesters					
Campus:	ONLINE		Department Code:		3515					
Intake:	Fall 2023 and Winter 2024									
Course Code	Course Title	Co/Pre Requisite (Course Code)	Lab Hours	Lecture Hours	Field Placement Hours	Course Delivery ODL=Online BLD=Blended HYB = Hybrid	Total Course Hrs (Lab + Lecture + Field)	Weeks (14)	Total Hours	
Semester 1	Fall 2023 or Winter 2024									
COMM160/161	College Communications 1			3		ODL	3	14	42	
COMP100	Programming 1		2	2		ODL	4	14	56	
COMP213	Web Interface Design		4			ODL	4	14	56	
COMP391	Introduction to Game and Simulation		2	2		ODL	4	14	56	
GNED	General Education Elective			3		ODL	3	14	42	
MATH175	Functions and Number Systems			3		ODL	3	14	42	
								Total	294	
Semester 2	Winter 2024 or Summer 2024									
COMM170/171	College Communications 2	P=COMM160 or COMM161		3		ODL	3	14	42	
COMP122	Introduction to Database Concepts		2	2		ODL	4	14	56	
COMP123	Programming 2	P=COMP100	2	2		ODL	4	14	56	
COMP125	Client-Side Web Development	P=COMP100 and COMP213	2	2		ODL	4	14	56	
COMP225	Software Requirements Engineering	P=COMP100, and, COMP120 or COMP391	2	2		ODL	4	14	56	
COMP253	Assets for Game Developers	P=COMP391	2	2		ODL	4	14	56	
COMP301	UNIX/Linux Operating Systems	P=COMP100	2	2		ODL	4	14	56	
								Total	378	
Break	Summer 2024									
Semester 3	Fall 2024									
COMP228	Java Programming	P=COMP123	2	2		ODL	4	14	56	
COMP229	Web Application Development	P=COMP123 and COMP125	2	2		ODL	4	14	56	
COMP246	Software Systems Design	P=COMP123 and COMP225	2	2		ODL	4	14	56	
COMP305	Game Programming 1	P=COMP123	2	2		ODL	4	14	56	
COOP321/421	Employment Preplacement	P=COMM170/171 minimum"C" grade; CGPA 2.5; 80% year 1 courses completed		1		ODL	1	14	14	
GNED500	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42	
MATH185	Discrete Mathematics			3		ODL	3	14	42	
								Total	322	
Work Term 1	Winter 2025									
COOP222	Co-op Work Placement 1					ODL				
Semester 4	Summer 2024									
COMP217	C++ for Game Development	P=COMP123	2	2		ODL	4	14	56	

◆ This course may be offered in one of the following modalities (Online, Hybrid or Blended)