

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3139		
Program Title:	Game Programming Co-op Fast-Track	Credential:	<input type="checkbox"/> Certificate	<input type="checkbox"/> Graduate Certificate	<input type="checkbox"/> Degree
			<input type="checkbox"/> Diploma	<input checked="" type="checkbox"/> Advanced Diploma	
Program Delivery Mode:	<input checked="" type="checkbox"/> Co-Op <input type="checkbox"/> Online <input checked="" type="checkbox"/> Fast Track <input type="checkbox"/> Hybrid <input type="checkbox"/> Non Co-op	Duration :	<input type="checkbox"/> 2 Semesters	<input type="checkbox"/> 3 Semesters	
			<input checked="" type="checkbox"/> 4 Semesters	<input type="checkbox"/> 6 Semesters	
			<input type="checkbox"/> 8 Semesters		
Campus:	Progress				
Intake:	Fall 2020 and Winter 2021				

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 3 Fall 2020 or Winter 2021									
COMM170/171	College Communications 2			3			3	14	42
COMP228	Java Programming	P=COMP123	2	2			4	14	56
COMP229	Web Application Development	P=COMP123, COMP125	2	2			4	14	56
COMP246	Object Oriented Software Engineering	P=COMP123, COMP225	2	2			4	14	56
COMP253	Assets for Game Developers	P=COMP391	2	2			4	14	56
COMP391	Introduction to Game and Simulation		2	2			4	14	56
GNED500	Global Citizenship: from Social Analysis to Social Action			3			3	14	42
								Total	364
Semester 4 Winter 2021 or Summer 2021									
COMP212	Programming 3	P=COMP123	2	2			4	14	56
COMP254	Data Structures and Algorithms	P=COMP228	2	2			4	14	56
COMP305	Game Programming 1	P=COMP123	2	2			4	14	56
COMP311	Software Testing and Quality Assurance	P=COMP123	2	2			4	14	56
COMP397	Web Game Programming	P=COMP123 or COMP225	2	1			3	14	42
COOP321/421	Employment Preplacement	P=COMM170/171 minimum "C" grade; CGPA 2.5; 80% year 1 courses completed		1		ODL	1	14	14
MATH210	Linear Algebra and Statistics	P=MATH175, MATH185	2	2			4	14	56
								Total	336
Work Term 1 (Summer 2021 or Fall 2021)									
COOP222	Co-op Work Placement 1								
Work Term 2 (Fall 2021 or Summer 2022)									
COOP331	Co-op Work Placement 2								
Semester 5 Winter 2022									
COMP231	Software Development Project 1	P=COMP228, COMP229, COMP246	2	2		HYB	4	14	56
COMP256	Special Topics in Interactive Gaming	P=COMP305	3				3	14	42
COMP304	Mobile Application Development	P=COMP228	2	2			4	14	56
COMP308	Emerging Technologies	P=COMP212, COMP228	2	2			4	14	56

COMP392	Advanced Graphics	P=COMP212, COMP228	2	2			4	14	56	
COMP395	Simulation Design	P=COMP305, COMP391	2	2			4	14	56	
ENGL253	Advanced Business Communications	P=COMM170/171		3			3	14	42	
								Total	364	
Break (Summer 2022)										
Semester 6 Fall 2022										
CNET307◆	IT Project Management	P=COMM170/171, CNET229 or COMP225 or ETEC225 or MATH180	1	2		ODL		3	14	42
COMP313◆	Software Development Project 2	P=COMP231 and COMP303 and COMP304, or, COMP231 and COMP381, or, COMP231 and COMP305 and COMP391, or, COMP246 and COMP258	2	2		HYB		4	14	56
COMP394	Practical Game Design	P=COMP305, COMP391	2	2			4	14	56	
COMP396	Game Programming 2	P=COMP305, COMP391	2	2			4	14	56	
GNEDE	General Education Elective			3			3	14	42	
								Total	252	
Minimum Grade Required: D										
								Total Program Hours:	1316	

C = Co-Requisite; P = Pre-Requisite

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