

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3439						
Program Title:	Software Engineering Technology Co-op, Fast Track	Credential:	<input type="checkbox"/> Certificate <input type="checkbox"/> Diploma		<input type="checkbox"/> Graduate Certificate <input checked="" type="checkbox"/> Advanced Diploma		<input type="checkbox"/> Degree <input type="checkbox"/> Centennial College Certificate		
Program Delivery Mode:	<input checked="" type="checkbox"/> Co-Op <input checked="" type="checkbox"/> Fast Track <input type="checkbox"/> Non Co-op	<input type="checkbox"/> Online <input type="checkbox"/> Hybrid	Duration :		<input type="checkbox"/> 1 Semesters <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	Department Code:	3515						
Intake:	Fall 2023 and Winter 2024 and Summer 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 3	Fall 2023 or Winter 2024 or Summer 2024								
COMM170/171	College Communications 2	P=COMM160 or COMM161		3			3	14	42
COMP123	Programming 2	P=COMP100	2	2			4	14	56
COMP214	Advanced Database Concepts	P=COMP122	2	2			4	14	56
COMP228	Java Programming	P=COMP123	2	2			4	14	56
COMP246	Software Systems Design	P=COMP123 and COMP225	2	2			4	14	56
GNED	General Education Elective			3			3	14	42
GNED500	Global Citizenship: from Social Analysis to Social Action			3			3	14	42
								Total	350
Semester 4	Winter 2024 or Summer 2024 or Fall 2024								
COMP212	Programming 3	P=COMP123	2	2			4	14	56
COMP229	Web Application Development	P=COMP123 and COMP125	2	2			4	14	56
COMP254	Data Structures and Algorithms	P=COMP228	2	2			4	14	56
COMP304	Mobile Apps Development	P=COMP228	2	2			4	14	56
COMP311	Software Testing and Quality Assurance	P=COMP123	2	2			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
MATH210	Linear Algebra and Statistics	P=MATH175 and MATH185	2	2			4	14	56
								Total	350
Work Term 1	Summer 2024 or Fall 2024 or Winter 2025								
COOP222	Co-op Work Placement 1								
Work Term 2	Fall 2024 or Summer 2025 or Fall 2025								
COOP331	Co-op Work Placement 2								
Semester 5	Winter 2025 or Summer 2025								
CNET307 ♦	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP246	1	2		ODL	3	14	42
COMP216	Networking for Software Developers	P=COMP100	2	2			4	14	56
COMP231 ♦	Software Development Project 1	P=COMP228 and COMP229 and COMP246	2	2		HYB	4	14	56
COMP303	Enterprise Application Development	P=COMP214 and COMP228	2	2			4	14	56

Technical Electives: