

MODEL ROUTE

School:

School of Engineering Technology and Applied Science

Program Number:

3439

Program Title:

Software Engineering Technology Co-op, Fast Track

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:

PROGRESS

Department Code:

3515

Intake:

Fall 2022 and Winter 2023 and Summer 2023

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 2022 or Winter 2023 or Summer 2023								
COMM170/171	College Communications 2	P=COMM160 or COMM161		3		ODL	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		HYB	4	14	56
GNED	General Education Elective			3		ODL	3	14	42
GNED500	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42
								Total	350
Semester 4	Winter 2023 or Summer 2023 or Fall 2023								
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		HYB	4	14	56
COOP321	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		HYB	4	14	56
								Total	350
Work Term 1	Summer 2023 or Fall 2023 or Winter 2024								
COOP222	Co-op Work Placement 1								
Work Term 2	Fall 2023 or Summer 2024 or Fall 2024								
COOP331	Co-op Work Placement 2								
Semester 5	Winter 2024 or Summer 2024								
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		HYB	4	14	56
COMP231	Software Development Project 1	P=COMP228 and COMP229 and COMP246	2	2		ODL	4	14	56
COMP303	Enterprise Application Development	P=COMP214 and COMP228	2	2			4	14	56

