MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3478
Program Title:	**Software Engineering Technician, Fast Track**	**Credential:**	☐ Certificate ☐ Graduate Certificate ☐ Degree ☑ Diploma ☐ Advanced Diploma
Program Delivery Mode:	☐ Co-Op ☑ Online ☑ Fast Track ☐ Hybrid ☑ Non Co-op	**Duration :**	☑ 2 Semesters ☐ 3 Semesters ☐ 4 Semesters ☐ 6 Semesters ☐ 8 Semesters
Campus:	**ONLINE**		
Intake:	**Fall 2020 and Winter 2021 and Summer 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 2019 or Winter 2020**								
COMM170/171◈	College Communications 2	P=COMM160/161		3		ODL	3	14	42
COMP214◈	Advanced Database Concepts	P=COMP122	2	2		ODL	4	14	56
COMP228 ◈	Java Programming	P=COMP123	2	2		ODL	4	14	56
COMP229 ◈	Web Application Development	P=COMP123, COMP125	2	2		ODL	4	14	56
COMP246 ◈	Object Oriented Software Engineering	P=COMP123, COMP225	2	2		ODL	4	14	56
GNED500◈	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42
							Total		308
Semester 4	**Winter 2021 or Summer 2021 or Fall 2021**								
COMP212◈	Programming 3	P=COMP123	2	2		ODL	4	14	56
COMP231 ◈	Software Development Project 1	P=COMP228 and COMP229 and COMP246	2	2		ODL	4	14	56
COMP311 ◈	Software Testing and Quality Assurance	P=COMP123	2	2		ODL	4	14	56
ELECT1◈	Technical Elective 1		2	1		ODL	3	14	42
EMPS101◈	Employment Skills	P=COMM160 OR COMM161 or COMM170 or COMM171		1		ODL	1	14	14
ENGL253 ◈	Advanced Business Communications	P=COMM170 or COMM171		3		ODL	3	14	42
GNED ◈	General Education Elective			3		ODL	3	14	42
							Total		308
Minimum Grade Required: D									
							Total Program Hours:		**616**

C = Co-Requisite; P = Pre-Requisite

Notes:

Technical Electives:

CNET307◈	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP246	1	2		ODL	3	14	42
COMP377◈	AI for Software Developers		2	1		ODL	3	14	42
COMP397◈	Web Game Programming	P=COMP123 or COMP225	2	1		ODL	3	14	42