MODEL ROUTE

School:	School of Engineering Technology and Applied Science	**Program Number:**	3428
Program Title:	**Software Engineering Technician, 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 2024 and Winter 2025 and Summer 2025**		

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 2024 or Winter 2025 or Summer 2025**								
COMM170/171◆	College Communications 2	P=COMM160 or COMM161		3		ODL	3	14	42
COMP214	Advanced Database Concepts	P=COMP122	2	2			4	14	56
COMP228	Java Programming	P=COMP123	2	2			4	14	56
COMP229	Web Application Development	P=COMP123 and COMP125	2	2			4	14	56
COMP246	Software Systems Design	P=COMP123 and COMP225	2	2			4	14	56
GNED500◆	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42
							Total		308
Semester 4	**Winter 2025 or Summer 2025 or Fall 2025**								
COMP212	Programming 3	P=COMP123	2	2			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		HYB	4	14	56
ELECT1 ◆	Technical Elective 1		1	2		ODL	3	14	42
EMPS101◆	Employment Skills	P=COMM160/161 or COMM170/171, and, BTEC227 or COMP246 or CNET104 or CNET307 or ETEC223		1		ODL	1	14	14
ENGL253 ◆	Advanced Business Communications	P=COMM170 or COMM171		3		ODL	3	14	42
GNED500◆	Global Citizenship: from Social Analysis to Social Action			3		ODL	3	14	42
							Total		308
Minimum Grade Required: D									
							Total Program Hours:		**616**

C = Co-Requisite; P = Pre-Requisite

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

Technical Electives:

Course Code	Course Title	Co/Pre Requisite	Lab Hours	Lecture Hours	Field Placement Hours	Course Delivery	Total Course Hrs	Weeks	Total Hours
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