

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3408						
Program Title:	Software Engineering Technician	Credential:	<input type="checkbox"/> Certificate	<input type="checkbox"/> Graduate Certificate	<input type="checkbox"/> Degree				
			<input checked="" type="checkbox"/> Diploma	<input type="checkbox"/> Advanced Diploma	<input type="checkbox"/> Centennial College Certificate				
Program Delivery Mode:	<input type="checkbox"/> Co-Op <input type="checkbox"/> Online <input type="checkbox"/> Fast Track <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Non Co-op	Duration :	<input type="checkbox"/> 1 Semesters	<input checked="" type="checkbox"/> 4 Semesters					
			<input type="checkbox"/> 2 Semesters	<input type="checkbox"/> 6 Semesters					
			<input type="checkbox"/> 3 Semesters	<input type="checkbox"/> 8 Semesters					
Campus:	ONLINE	Department Code:	3515						
Intake:	Fall 2021 and Winter 2022								

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 1	Fall 2021 or Winter 2022								
COMM160/161	College Communications 1			3			3	14	42
COMP100	Programming 1		2	2			4	14	56
COMP120	Software Engineering Fundamentals		2	2			4	14	56
COMP213	Web Interface Design		4				4	14	56
GNEED	General Education Elective			3			3	14	42
MATH175	Functions and Number Systems			3			3	14	42
								Total	294
Semester 2	Winter 2022 or Summer 2022								
COMM170/171	College Communications 2	P=COMM160 or COMM161		3			3	14	42
COMP122	Introduction to Database Concepts		2	2			4	14	56
COMP123	Programming 2	P=COMP100	2	2			4	14	56
COMP125	Client-Side Web Development	P=COMP100 and COMP213	2	2			4	14	56
COMP225◆	Software Requirements Engineering	P=COMP100, and, COMP120 or COMP391	2	2		HYB	4	14	56
COMP301	UNIX/Linux Operating Systems	P=COMP100	2	2			4	14	56
MATH185	Discrete Mathematics			3			3	14	42
								Total	364
Semester 3	Summer 2022 or Fall 2022								
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
ENGL253	Advanced Business Communications	P=COMM170 or COMM171		3			3	14	42
GNEED500	Global Citizenship: from Social Analysis to Social Action			3			3	14	42
								Total	308
Semester 4	Fall 2022 or Winter 2023								
CNET307◆	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP246	1	2		ODL	3	14	42
COMP212	Programming 3	P=COMP123	2	2			4	14	56
COMP231◆	Software Development Project 1	P=COMP228 and COMP229 and COMP246	2	2		HYB	4	14	56
COMP311	Software Testing and Quality Assurance	P=COMP123	2	2			4	14	56

COMP318	Developing UI for Smart Devices	P=COMP123 and COMP225 and COMP228	2				2	14	28
EMPS101	Employment Skills	P=COMM160 or COMM 161 or COMM170 or COMM171		1			1	14	14
GNED	General Education Elective			3			3	14	42
							Total		294
Minimum Grade Required: D									
								Total Program Hours:	1260

C = Co-Requisite; P = Pre-Requisite

Notes:

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