

MODEL ROUTE

School:	School of Engineering Technology and Applied Science	Program Number:	3402						
Program Title:	Software Engineering Technology - Artificial Intelligence	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 1	Fall 2024 or Winter 2025 or Summer 2025								
COMM160/161 	College Communications 1			3		ODL	3	14	42
COMP100	Programming 1		2	2			4	14	56
COMP120 	Software Engineering Fundamentals		2	2		HYB	4	14	56
COMP213	Web Interface Design		4				4	14	56
GNED 	General Education Elective			3		ODL	3	14	42
MATH175 	Functions and Number Systems			3		ODL	3	14	42
								Total	294
Semester 2	Winter 2025 or Summer 2025 or Fall 2025								
COMM170/171 	College Communications 2	P=COMM160 or COMM161		3		ODL	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
MATH195 	Discrete Mathematics and Introductory Calculus	P=MATH175		3		ODL	3	14	42
								Total	364
Break	Summer 2025								
Semester 3	Fall 2025 or Winter 2026								
COMP228	Java Programming	P=COMP123	2	2			4	14	56
COMP229	Web Application Development	P=COMP123 and COMP125	2	2			4	14	56
COMP237	Introduction to Artificial Intelligence	C=MATH210 P=COMP123 and MATH175 and MATH195	2	2			4	14	56
COMP248	Artificial Intelligence 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
MATH210 	Linear Algebra and Statistics	P=MATH175, and, MATH185 or MATH195	2	2		HYB	4	14	56
								Total	322
Semester 4	Winter 2026 or Summer 2026								
COMP214	Advanced Database Concepts	P=COMP122	2	2			4	14	56
COMP219	Networking and Intelligent Robotics	P=COMP123 and COMP237	2	2		HYB	4	14	56

Notes:

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