

MODEL ROUTE									
School:	School of Engineering Technology and Applied Science		Program Number:		3422				
Program Title:	Software Engineering Technology - Artificial Intelligence, Fast Track		Credential:		<div><input type="checkbox"/> Certificate</div> <div><input type="checkbox"/> Graduate Certificate</div> <div><input type="checkbox"/> Degree</div> <div><input type="checkbox"/> Diploma</div> <div><input checked="" type="checkbox"/> Advanced Diploma</div> <div><input type="checkbox"/> Centennial College Certificate</div>				
Program Delivery Mode:	<div><input type="checkbox"/> Co-Op</div> <div><input type="checkbox"/> Online</div> <div><input checked="" type="checkbox"/> Fast Track</div> <div><input type="checkbox"/> Hybrid</div> <div><input checked="" type="checkbox"/> Non Co-op</div>		Duration :		<div><input type="checkbox"/> 1 Semesters</div> <div><input checked="" type="checkbox"/> 4 Semesters</div> <div><input type="checkbox"/> 2 Semesters</div> <div><input type="checkbox"/> 6 Semesters</div> <div><input type="checkbox"/> 3 Semesters</div> <div><input type="checkbox"/> 8 Semesters</div>				
Campus:	PROGRESS		Department Code:		3515				
Intake:	Fall 2023 and Winter 2024								
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 2023 or Winter 2024								
COMM170/171	College Communications 2	P=COMM160 or COMM161		3			3	14	42
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 MATH185	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			3	14	42
MATH210	Linear Algebra and Statistics	P=MATH175 and MATH185	2	2			4	14	56
							Total		364
Semester 4	Winter 2024 or Summer 2024								
COMP214	Advanced Database Concepts	P=COMP122	2	2			4	14	56
COMP216	Networking for Software Developers	P=COMP100	2	2			4	14	56
COMP247	Supervised Learning	P= COMP228 and COMP237 and MATH210	2	2			4	14	56
COMP254	Data Structures and Algorithms	P=COMP228	2	2			4	14	56
COMP311	Software Testing and Quality Assurance	P=COMP123	2	2			4	14	56
ENGL253	Advanced Business Communications	P=COMM170 or COMM171		3			3	14	42
							Total		322
Break	Summer 2024								
Semester 5	Fall 2024								
CNET307	IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP225	1	2		ODL	3	14	42
COMP251	Big Data Tools for Machine Learning	P=COMP247 and COMP254	2	2			4	14	56
COMP255	Business and Entrepreneurship for Software Engineering Technology	P=COMP225	3			ODL	3	14	42
COMP257	Unsupervised and Reinforcement Learning	P=COMP247 and COMP254	2	2			4	14	56
COMP258	Neural Networks	P=COMP247 and COMP254	2	2			4	14	56

