	MODEL	1100						
School of Engineering Technology and Applied Science	Program Number:	3432						
Software Engineering Technology - Artificial Intelligence Co-op, Fast Track	Credential:		_			e □ Degree □ Centennial College Certificate		
☑Co-Op ☐ Online			☐1 Semes	sters	4 Semesters			
- ,	Duration :		☐2 Semes	sters 🔲	6 Semesters			
□Non Co-op			☐3 Semesters ☐8 Semesters					
PROGRESS	Department Code:	3515						
Fall 2022 and Winter 2023								
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
Fall 2022 or Winter 2023								
College Communications 2	P=COMM160 or COMM161		3			3	14	42
Java Programming	P=COMP123	2	2			4	14	56
Web Application Development	P=COMP123 and COMP125	2	2			4	14	56
Introduction to Artificial Intelligence	C=MATH210 P=COMP123 and MATH175 and MATH185	2	2			4	14	56
Software Systems Design	P=COMP123 and COMP225	2	2			4	14	56
Global Citizenship: from Social Analysis to Social Action			3			3	14	42
Linear Algebra and Statistics	P=MATH175 and MATH185	2	2			4	14	56
							Total	364
	2 22112122							
								56
Supervised Learning	P=COMP100 P= COMP228 and COMP237 and MATH210		2					56
Data Structures and Algorithms	P=COMP228	2	2			4	14	56
Software Testing and Quality Assurance	P=COMP123	2	2			4	14	56
Employment Preplacement	P=COMM170/171 minimum"C" grade; CGPA 2.5; 80% year 1 courses completed		1		ODL	1	14	14
Advanced Business Communications	P=COMM170 or COMM171		3			3	14	42
							Total	336
Co-op Work Placement 1								
Fall 2023 or Summer 2024								
Co-op Work Placement 2								
Winter 2024								
IT Project Management	P=COMM170 or COMM171, and, CNET229 or COMP225	1	2		ODL	3	14	42
	Applied Science Software Engineering Technology - Artificial Intelligence Co-op, Fast Track Co-Op Online Hybrid Hybrid Hybrid Non Co-op PROGRESS Fall 2022 and Winter 2023 College Communications 2 Java Programming Web Application Development Introduction to Artificial Intelligence Software Systems Design Global Citizenship: from Social Analysis to Social Action Linear Algebra and Statistics Winter 2023 or Summer 2023 Advanced Database Concepts Networking for Software Developers Supervised Learning Data Structures and Algorithms Software Testing and Quality Assurance Employment Preplacement Advanced Business Communications Summer 2023 or Fall 2023 Co-op Work Placement 1 Fall 2023 or Summer 2024 Co-op Work Placement 2	Applied Science Software Engineering Technology-Artificial Intelligence Co-op, Fast Track Co-Op	Applied Science Software Engineering Technology - Artificial Intelligence Co-op, Fast Track Co-Op	Applied Science Software Engineering Technology- Artificial Intelligence Co-op, Fast Track PROGRESS Department Code: 3515 Fall 2022 and Winter 2023 Course Title Co/Pre Requisite (Course Code) Commission Pecompulation: Commission Pecompulation: Commission Pecompulation: Commission Pecompulation Pecomp	Applied Science Software Engineering Technology - Artificial Intelligence Co-op, Fast Track Co-Op	Applied Science Software Engineering Technology Artificial Intelligence Co-op, Fast Track Place Diploma Place Plac	Applied Science Software Engineering Technology Artificial Intelligence Co-op, Fast Track Credential: Coffee Past Track Duration:	Applied Science

COMP255�	Business and Entrepreneurship for Software Engineering Technology	P=COMP225	3		ODL	3	14	42
COMP258	Neural Networks	P=COMP247 and COMP254	2	2		4	14	56
COMP261	AI Ethics and Data Governance	P=COMP247 and COMP254	1	2		3	14	42
COMP264	Cloud Machine Learning	P=COMP247	2	1		3	14	42
COMP304	Mobile Apps Development	P=COMP228	2	2		4	14	56
							Total	280
Break	Summer 2024							
	- 11							
Semester 6	Fall 2024							
COMP251	Big Data Tools for Machine Learning	P=COMP247 and COMP254	2	2		4	14	56
COMP257	Unsupervised and Reinforcement Learning	P=COMP247 and COMP254	2	2		4	14	56
COMP262	Natural Language Processing and Recommender Systems	P=COMP247 and COMP254	2	2		4	14	56
COMP263	Deep Learning	P= COMP258	2	2		4	14	56
COMP313�	Software Development Project 2	P=COMP231 and COMP303 and COMP304, or, COMP231 and COMP231 and COMP305 and COMP305 and COMP391, or, COMP246 and COMP258	2	2	НҮВ	4	14	56
GNED❖	General Education Elective			3	ODL	3	14	42
							Total	322
Minimum Grad	e Required: D							
					•	Total Progr	am Hours:	1302

C = Co-Requisite; P = Pre-Requisite

Notes:

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