University of Technology, Jamaica
Module Selection Guide

**School of Computing
and Information Technology**

AI

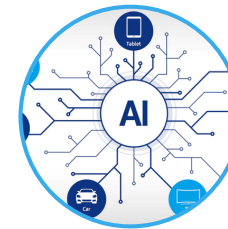**Bachelor of Science in
Applied Artificial Intelligence**

**Year 3 and Year 4
(To be added)**

Student's Name: ....

Student's ID#: ....

Start Date: ....

Name - Academic Advisor/PL/PD: ....
(check the Student Portal to identify your Academic Advisor)

NB: To be awarded the BSc in Applied AI, students must successfully complete all modules including electives

Contact Info: SCIT or FENC Student Affairs Office, 927-1680

Revised: July 2023

F.Y.I

- **Pre-requisites:** Students must receive a passing grade in a prerequisite before enrolling.

- **Co-requisites:** these can be taken during the same semester as the module for which enrollment is being sought (denoted by a C)

- **Electives:** Some SCIT electives are 3 credits and some are 4 credits.

Year 1 (Semester 1)

Code	Module Title	Pre-Requisite/ Co-Requisite	Modality	Credits
COM1024	Academic Literacy for Undergraduates	COM1001 or CSEC Eng Lang Grade 1 or CAPE Comm Studies Grade 1, 2	F2F & Online	3
MAT1047	College Mathematics 1B	NONE	F2F	4
INT1001	Information Technology	NONE	F2F & Online	3
CMP1001	Introduction to Programming	NONE	F2F	3
CMP2024	Shell Scripting and Command Line	NONE	F2F	3
PSY1002	Introduction to Psychology	NONE	F2F & Online	3

Year 1 (Semester 2)

Code	Module Title	Pre-Requisite/ Co-Requisite	Modality	Credits
COM2017	Technical Writing	COM1024	F2F & Online	3
MAT1008	Discrete Mathematics	MAT1047	F2F	3
CMP2018	Database Design	NONE	F2F	3
CIT2004	Object-Oriented Programming	CMP1001	F2F	4
CMP1026	Computer Networks	INT1001	F2F & Online	3
ENS3001	Environmental Studies	NONE	F2F & Online	1

Year 2 (Semester 3)

Code	Module Title	Pre-Requisite/ Co-Requisite	Modality	Credits
MAT2003	Calculus I	MAT1047	F2F	3
CMP2019	Software Engineering I (Analysis & Design)	INT1001	Online	3
CNS2003	Virtualized Systems	CMP1026	F2F	3
CMP2006	Data Structures	CIT2004	F2F	4
CIS2000	Technology Startup	NONE	F2F & Online	3
CSP1001	Community Service Project	NONE	F2F & Online	1

Year 2 (Semester 4)

Code	Module Title	Pre-Requisite/ Co-Requisite	Modality	Credits
STA2020	Introductory Statistics	MAT1047	F2F	3
CIT4001	Software Engineering II (Implementation)	CMP2019	F2F	3
CIT3002	Operating Systems	CMP2006	F2F & Online	3
CIT3031	Data Protection and Regulation	NONE	F2F & Online	3
CMP1005	Computer Logic and Digital Design	INT1001	F2F & Online	3
CIT3003	Analysis of Algorithms	CMP2006 and (MAT2003 or MAT1008)	F2F & Online	3