



University of Technology, Jamaica

**Module Selection Guide
School of Building and Land
Management**



**Associate Degree in
Surveying & Geographic Information
Technology
Academic Year 2024-2025**

Student's Name:

Student's Id #:

Start Date:

Academic Advisor/PL/PD:

Module Code	Module Name	Prerequisite /Co-requisite (if any) (T) – Take (P) - Pass	C R E D I T S	Owner ship of Modul e
YEAR 1 SEMESTER 1				
SGI1006	Field Surveying I **		4	FOBE
SGI1008	Surveying Computations I **		2	FOBE
SGI1002	Elementary Cartography (Equivalent to SGI1012)		3	FOBE
INT1001	Information Technology		3	FENC
COT1019	Introduction to Construction Technology		3	FOBE
COM0001	Developmental English *		0	FELS
TOTAL NUMBER OF CREDITS			15	
YEAR 1 SEMESTER 2				
SGI1007	Field Surveying II ***	SGI1006 (T) & SGI1008 (T)	4	FOBE
SGI1009	Surveying Computations II ***	SGI1008 (T)	2	FOBE
SGI1010	Introduction to CADD for Land Surveyors (Equivalent to SGI1011)		2	FOBE
CSP1001	Community Service Project *		1	FELS
MAT1047	College Mathematics 1B *		4	FOSS
TOTAL NUMBER OF CREDITS			13	
YEAR 1 SUMMER SESSION				
SGI1005	Surveying Practicum I ****	SGI1007 (T) & SGI1009 (T)	3	FOBE
TOTAL NUMBER OF CREDITS			3	

* Module maybe offered in Semester 1, Semester 2 & Summer Session

** Together, these modules are equivalent to Plane Surveying I (SGI1001)

*** Together, these modules are equivalent to Plane Surveying II (SGI1003)

Module Code	Module Name	Prerequisite /Co-requisite (if any) (T) – Take (P) - Pass	C R E D I T S	Owner ship of Modul e
YEAR 2 SEMESTER 1				
SGI2012	Trigonometrical Surveying.	MAT1047 (T), SGI1007 (T) & SGI1009 (T)	2	FOBE
SGI2014	Topographical Surveying	MAT1047 (T), SGI1007 (T) & SGI1009 (T)	3	FOBE
SGI2015	Computer Applications in Surveying for Technologists	SGI1010 (T)	2	FOBE
COM1024	Academic Literacy for Undergraduates *	PASS in COM0001/ PASS in UTech, Ja English Proficiency Test or qualifying for exemption from the test	3	FELS
PHS1009	Physics		4	FOSS
STA2020	Introductory Statistics *		3	FOSS
TOTAL NUMBER OF CREDITS			17	
YEAR 2 SEMESTER 2				
SGI2017	Cadastral Surveying	SGI1007 (T) & SGI1009 (T)	2	FOBE
SGI2018	Engineering Surveying for Technicians (Equivalent to SGI2010)	MAT1047 (T), SGI1007 (T) & SGI1009 (T)	3	FOBE
SGI2020	Surveying Practicum for Technologists	SGI2012 (T) &/OR SGI2015 (T)	1	FOBE
SGI2023	GIS for Technologists	SGI2015 (T)	3	FOBE
SGI2024	Topographical Mapping	SGI2014 (T)	3	FOBE
SGI1004	Environmental Geography		3	FOBE
MAT2003	Calculus I *		3	FOSS
TOTAL NUMBER OF CREDITS			18	

****This module consist of a two-week residential camp followed by two weeks of on campus lab-based exercises then a panel assessment.

F.Y.I

- Please speak with your Programme Director/Academic Advisor about whether there are module changes before completing enrolment.
- Remember your Academic Advisor is here to assist you in making your academic decisions.
- **Modules Highlighted in yellow are core modules and these should be selected before selecting other modules.**

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