University of Technology, Jamaica

Module Selection Guide
School of Building and Land Management

Associate Degree in
Surveying & Geographic Information Technology
Academic Year 2023-2024

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	CREDITS	Ownership of Module
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	CREDITS	Ownership of Module
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 *	*****grade 1 in CXC, PASS in English Proficiency or COM0001	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.
***** REVISED DUE TO COVID-19: Students with Grades 1 - 2 in CSEC English A or CAPE Communication Studies 1-3 will be allowed to register for Academic Literacy for Undergreaduates; Students with Grade 3 in CSEC English A will register for Developmental English module within the UTech Academy.

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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