



**University of Technology, Jamaica
Faculty of the Built Environment
School of Building & Land Management
Division of Land Surveying & Geographic Information Sciences**



ACADEMIC DIET
for
**Associate Degree in
Surveying & Geographic Information Technology**

Academic Year 2015/16

LEVEL 1 : Semester 1	Code	Credit
Field Surveying I **	SGI1006	4
Surveying Computations I **	SGI1008	2
Elementary Cartography (Equivalent to SGI1012)	SGI1002	3
Information Technology	INT1001	3
Introduction to Construction Technology	COT1019	3
Developmental English *	COM0001	0
		15

LEVEL 1 : Semester 2	Code	Credit
Field Surveying II *** (must have taken SGI1006 & SGI1008)	SGI1007	4
Surveying Computations II*** (must have taken SGI1008)	SGI1009	2
Introduction to CADD for Land Surveyors (Should have taken INT1001) Equivalent to SGI1011	SGI1010	2
Community Service Project*	CSP1001	1
College Mathematics 1B*	MAT1047	4
Basic Physics* (Do not need to take if pass CSEC Physics)	PHS0005	0
		13

LEVEL 1 - Semester 3 (Summer)	Code	Credit	
Surveying Practicum I (must have taken SGI1007 & SGI1009)	SGI1005	3	This module consist of a two-week residential camp followed by two weeks of on campus lab-based exercises then a panel assessment.
		3	

NOTE

* Module may be 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)
 Core Modules are **highlighted**.

LEVEL 2: Semester 1	Code	Credit
Academic Writing I * (need to pass English Proficiency Test or Developmental English before taking OR have a 1 in CSEC English A or at least a 2 in CAPE Communications Studies)	COM1020	3
Physics	PHS1009	4
Trigonometrical Surveying. (Must first take MAT1047, SGI1007 & SGI1009)	SGI2012	2
Topographical Surveying (Must first take MAT1040, SGI1007 & SGI1009)	SGI2014	3
Computer Applications in Surveying for Technologists (Must first take SGI1010)	SGI2015	2
Introductory Statistics*	STA2020	3
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LEVEL 2: Semester 2	Code	Credit
Environmental Geography	SGI1004	3
Cadastral Surveying (Must first take SGI1007 & SGI1009)	SGI2017	2
Engineering Surveying (Must first take MAT1047, SGI1007 & SGI1009) Equivalent to SGI2010	SGI2018	3
Surveying Practicum for Technologists (Must first take SGI1005)	SGI2020	1
GIS for Technologists (Must first take SGI2015)	SGI2023	3
Topographical Mapping (Must first take SGI2014)	SGI2024	3
Calculus I*	MAT2003	3
		18

TOTAL CREDIT FOR LEVEL 1 : 31 [27], TOTAL CREDIT FOR LEVEL 2 : 35

TOTAL: 66 CREDITS FOR COURSE OF STUDY

Note: Revision for this course of study is ongoing. Please confirm selections with programme director or academic advisor before completing enrolment.

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