Diploma in Geomatics Engineering Technology
September 2016 Cohort Matrix

Level 1 (15 weeks)		Credits
COMM 1135	Technical Communication 1 course outline	3.0
MATH 1511	Technical Mathematics for Geomatics course outline	7.0
PHYS 1151	Physics for Geomatics 1 course outline	5.0
SURV 1161	Surveying Computations 1 course outline	3.0
SURV 1163	Surveying CAD 1 course outline	3.0
SURV 1164	Field Surveying 1 course outline	8.0
SURV 1172	Computer Applications 1 course outline	2.0

Level 2 (20 weeks)		Credits
COMM 2252	Technical Communication 2 for Geomatics* course outline	2.0
MATH 2511	Calculus for Geomatics course outline	9.5
PHYS 2151	Physics for Geomatics 2 course outline	4.0
SURV 2164	Field Surveying 2 course outline	10.5
SURV 2261	Surveying Computations 2 course outline	4.0
SURV 2263	Earth Sciences* course outline	1.5
SURV 2265	Surveying CAD 2 course outline	2.5
SURV 2272	Computer Applications 2 course outline	2.5
SURV 3369	Hydrographic Surveying* course outline	2.0

*denotes half-term course

Level 3 (15 weeks)		Credits
GEOM 3010	Field Surveying 3 course outline	6.0
GEOM 3020	Surveying Computations 3 course outline	3.0
GEOM 3030	Surveying CAD 3 course outline	4.0
GEOM 3050	Introduction to Geodetic Positioning course outline	5.0
GEOM 3060	Engineering Surveys course outline	4.0
GEOM 3070	Photogrammetry 1 course outline	3.0
MATH 3512	Matrix Methods & Statistics for Geomatics course outline	6.0
Level 4 (20 weeks)		**Credits**
COMM 2452	Technical Communication 3 for Geomatics* course outline	2.0
GEOM 4010	Field Survey Projects course outline	9.5
GEOM 4015	Remote Sensing & Laser Scanning Technologies course outline	4.0
GEOM 4025	Cadastral Surveys and Land Use Planning course outline	4.0
GEOM 4070	Photogrammetry 2 course outline	4.5
GEOM 4080	Coordinate Systems & Mathematical Cartography course outline	5.5
GEOM 4090	Introduction to Adjustment Computations course outline	4.0
SURV 4480	Introduction to GIS* course outline	2.0
*denotes half-term course		
	Total Credits:	136.0