



Geomatics Engineering

Diploma of Higher Education (DipHE)

Duration	2-3 year	OQF Level	6
Study type	Full-time		

Year 1

GFP programme information for Geomatics & Survey Engineering students.

Year 2

Semester 1		Credits	Semester 2		Credits
MTCGM307	English for Geomatics	10	MTCGM306	Communication Skills	10
MTCGM308	Applied Mathematics	10	MTCGM304	Introduction to Geodesy	20
MTCGM301	Introduction to Geomatics	10	MTCGM305	Cartographic Design	10
MTCGM303	Fundamentals of Surveying	20	MTCGM310	Introduction To Remote Sensing	10
MTCM302	Introduction to Database Management System (DBMS)	10	MTCGM309	Elements of Photogrammetry	10

Year 3

Semester 1		Credits	Semester 2		Credits
MTCGM405	Digital Cartography	10	MTCGM404	Applied Photogrammetry	10
MTCGM401	Applied Surveying	10	MTCGM408	Spatial Analysis	20
MTCGM403	Global Navigation Satellite Systems (GNSS)	10	MTCGM409	Business Management (Entrepreneurship)	10
MTCGM402	Geographic Information Systems (GIS)	10	MTCGM406	Project (Individual)	20
MTCGM407	Land & Engineering Surveying	20			

