COURSE STRUCTURE

Course Module legend:
M1 Fundamentals of Surveying · M2 Chain Survey · M3 Prismatic Compass · M4 Plane Table · M5 Dumpy Level · M6 Theodolite · M7 Auto Level · M8 Digital Level · M9 Distomat · M10 Digital Theodolite · M11 Total Station · P1 Project Work-1 · S1 LisCAD · S2 Auto Plotter · S3 Road Estimator-1 · M12 RTK DGPS · S4 GPS Software · P2 Project Work-2 · M13 Introduction to GIS · M14 Basic Geodacy · M15 Digital Cartography · M16 Hydrographic Survey · P3 Project Work-3 · S5 AutoCAD · Q1 Earthwork Estimation · Q2 Building Estimation & Structural Calcul · Q3 Minor Bridge & Highways · Q4 Procurement & Tendering · Q5 FIDIC- Introduction · S6 Road Estimator-2 & Estima Software · P4 Project Work - 4 · Q6 Construction Technology · Q7 Procurement Procedures · Q8 Economics of Design & Cost Planning · Q9 Estimation and Costing · Q10 Contract Administration · Q11 Risk Management · Q12 Building Construction & Building Drawing

No.	Courses	Qualification	Duration	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	P1	S1	S2	S3	M12	S4	P2	M13	M14	M15	M16	P3	S5	Q1	Q2	Q3	Q4	Q5	S6	P4	Q6	Q7	Q8	Q9	Q10	Q11	Q12
1	Diploma in Advanced Surveying using Total Station (Entry Level - 1)	SSLC / Plus 2 Graduates (in any discipline)	12/14 Weeks	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																						
2	Diploma in Advanced Surveying using Total Station (Entry Level - 2)	ITI (Civil / Chain Survey) KGCE Civil, etc	10/12 Weeks					●	●	●	●	●	●	●	●	●	●	●	●																						
3	Diploma in Advanced Surveying using Total Station (Entry Level - 3)	ITI(Sur) Dip/B. Tech or persons with prior experience	3/4 Weeks										●	●	●	●	●	●																							
4	Diploma in DGPS (Entry Level - 4)	Knowledge in Total Station	2/4 Weeks																●	●	●																				
5	Diploma in Hydrographic Survey (Entry Level - 5)	Knowledge in Total Station & GPS	8/10 Weeks																			●	●	●	●	●															
6	Diploma in Modern Surveying Technology	ITI /Dip/B. Tech KGCE	3/4 Months					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●														
7	Diploma in AutoCAD	ITI/Dip/B.Tech	6 Weeks																								●														
8	Diploma in Quantity Survey (Entry Level - 1)	ITI Civil/Diploma B. Tech	6/8 Weeks																									●	●	●	●	●	●	●							
9	Advanced Diploma in Quantity Survey (Entry Level - 2)	ITI / Dip/ B. Tech Experienced Persons	12/16 Weeks																																●	●	●	●	●	●	●
10	Diploma in Building Technology with AutoCAD	VHSE, Plus 2 Graduates	6 Weeks																								●														●

Due to continuous development, the course structure might change without prior notice.