

Table 1 - Diploma in Engineering Technology (Highways) Courses

CODE	COURSE TITLE	C OR E ¹	LEVEL	CREDITS	PRE- OR CO-REQUISITES
Compulsory Courses					
DET5.207	Geotechnical Engineering 1	C	5	15	
DET5.204	Highway Engineering 1	C	5	15	
DET6.202	Highway Engineering 2	C	6	15	DET5.204 Co-
Total Required Compulsory Credits				45	
Core Electives - at least FOUR Core Elective courses must be completed.					
DET6.203	Traffic Engineering	E	6	15	
DET6.101	Engineering Management	E	6	15	
DET6.301	Wearing Surface Technology	E	7	15	DET5.204 Co-
DET7.361	Pavement Design	E	7	15	DET5.204 Co-
DET7.311	Road Asset Management	E	7	15	
DET7.341	Geometric Design	E	7	15	DET6.202 Co-
Total Core Elective Credits				60 or 75	Note ²
General Electives - no more than ONE General Elective course may be selected					
DET4.201	Materials (Civil)	E	4	15	
DET4.202	Land Surveying 1	E	4	15	
DET4.102	Engineering Mathematics 1	E	4	15	
DET5.203	Hydraulics (Civil)	E	5	15	
DET6.299	Engineering Project (Civil)	E	6	15	DET5.207 DET5204
Total General Elective Credits				0 or 15	Note ²
Total Required Programme Credits				120	

Note¹ C= Compulsory Courses; E= Elective Courses

Note² Students may select Four Core Electives plus One General Elective OR
Five Core Electives and Nil General Elective courses