	Year (1) Semester (1)			
	COURSE	PREREQUISITE		
BA113	Physics 1	NONE		
IM111	Industrial Relations	NONE		
BA123	Mathematics 1	NONE		
BA141	Engineering Mechanics 1	NONE		
CC111	Introduction To Computers	NONE		
ME151	Engineering Drawing & Projection	NONE		
LH131	ESP I	NONE		

## Construction & Building Program Courses

	YEAR (1) SEMESTER (2)			
	COURSE		PREREQUISITE	
BA118	Chemistry	NONE		
IM112	Manufacturing Technology	NONE		
LH132	ESP II	LH131	ESP I	
BA124	Mathematics II	BA123	Mathematics 1	
BA142	Engineering Mechanics II	BA141	Engineering Mechanics 1	
CC114	Intro. To Programming	CC111	Introduction To Computers	
BA114	Physics II	BA113	Physics 1	

	YEAR (2) SEMESTER (3)			
	COURSE	PREREQUISITE		
CB251	Testing Of Materials	NONE		
CB221	Construction Eng. Drawings	ME151	Engineering Drawing & Projection	
EE238	Electrical Eng. Fundament	BA124	Mathematics II	
BA223	Mathematics III	BA124	Mathematics II	
CB241	Structural Analysis 1	BA141	Engineering Mechanics 1	
LH231	Technical Report Writing	LH132	ESP II	

	YEAR (2) SEMESTER (4)			
	COURSE		PREREQUISITE	
NE264	Scientific Thinking	NONE		
CB271	Construction Surveying 1	BA124	Engineering Mechanics 2	
CB281	Hydraulics For Civil Engineers	BA114	Physics II	
BA224	Mathematics IV	BA223	Mathematics III	
EE218	Instrumentation & Measurements	EE238	Electrical Eng. Fundament	
CB242	Strength Of Materials	CB241 & CB251	Structural Analysis 1 & Testing Of Materials	

	YEAR (3) SEMESTER (5)			
COURSE		PREREQUISITE		
CB361	Engineering Geology	NONE		
BA329	Probability & Statistics	BA124	Engineering Mechanics 2	
CB382	Water Resources Engineering	CB281	Hydraulics For Civil Engineers	
CB326	Building Information Modeling	CB221	Construction Eng. Drawings	
CB343	Structural Analysis 2	CB242	Strength Of Materials	
CB352	Construction Materials	CB251	Testing Of Materials	

	YEAR (3) SEMESTER (6)			
	COURSE		PREREQUISITE	
CB354	Design Of Reinforced Concrete Str. 1	CB343	Structural Analysis 2	
CB311	Introduction To Construction Management	BA224	Mathematics IV	
CB313	Quality Control In Construction	BA329	Probability & Statistics	
CB362	Soil Mechanics	CB361	Engineering Geology	
CB312	System Analysis For Const. Eng.	BA329	Probability & Statistics	
CB322	Building Construction	CB221	Construction Eng. Drawings	

	YEAR (4) SEMESTER (7)			
	COURSE	PREREQUISITE		
NE466	Environmental Science & Tech.	NONE		
CB483	Irrigation And Drainage	CB382	Water Resources Engineering	
CB455	Design Of Reinforced Concrete Struc. 2	CB354	Design Of Reinforced Concrete Str. 1	
CB472	Transportation And Traffic Engineering	CB271	Construction Surveying 1	
AR411	Architectural Design & Urban Landscape	CB221	Construction Eng. Drawings	
CC413	Numerical Analysis	CC114	Intro. To Programming	

	YEAR (4) SEMESTER (8)			
	COURSE	PREREQUISITE		
IM400CB	Practical Training	NONE		
CB444	Design Of Metallic Structures	CB343	Structural Analysis 2	
CB485	Design & Construction Of Coastal Struc.	CB281	Hydraulics For Civil Engineers	
CB 474	Highway Design And Construction	CB472	Transportation And Traffic Engineering	
CB 431	Technical Installations In Buildings	CB322	Building Construction	
	Quantity Surveying, Cost Est. & Specs.	CB354	Design Of RC Str. 1	
CB415		&	&	
		CB322	Building Construction	
	Design & Cons. Of Forth	CB354	Design Of RC Str. 1	
CB463	Design & Cons. Of Earth	&	&	
	Struct. & Found.	CB362	Soil Mechanics	

	YEAR (5) SEMESTER (9)			
	COURSE	PREREQUISITE		
CB501	Project 1	NONE		
CB516	Construction Project Management 1	CB 311 & CB322	Introduction To Construction Management & Building Construction	
CB514	Construction Contracts & Law	CB 311 & CB415	Introduction To Construction Management & Quantity Surveying, Cost Estimating & Specs.	
CB523	Methods & Equipment In Construction 1	CB322	Building Construction	
CB532	Environmental & Sanitary Engineering	CB382	Water Resources Engineering	
CB5XX	Department Elective Course 1	VARIES		

	YEAR (5) SEMESTER (10)			
	COURSE		PREREQUISITE	
CB503	Senior Project 2	CB501	Senior Project 1	
CB524	Methods & Equipment In Construction 2	CB523	Methods & Equipment In Construction 1	
CB533	Environmental Control & Energy In Buildings	CB431	Technical Installations In Buildings	
CB 519	Construction Project Management 2	CB516 & CB415	Construction Project Management 1 & Quantity Surveying, Cost Estimating & Specs.	
CB5XX	Department Elective Course 2	VARIES		

DEPARTMENT ELECTIVE COURSES			
	COURSE	PREREQUISITE	
CB518	Financial Management And Accounting In Construction	CB516	Construction Project Management 1
CB525	Special Topics In Construction Engineering	CB523	Methods & Equipment In Construction 1
CB534	Special Topics In Environmental Engineering	CB532	Environmental & Sanitary Engineering
CB545	Structural Dynamics	CB343	Structural Analysis 2
CB546	Special Topics In Steel & Composite Structures	CB444	Design Of Metallic Structures
CB556	Concrete Technology	CB352	Construction Materials
CB557	Inspection, Maintenance & Repair	CB455 OR CB444	Design Of RC Structures 2 Or Design Of Metallic Structures
CB558	Special Topics In Reinforced Concrete Structures	CB455	Design Of RC Structures 2
CB564	Special Topics In Geotechnical Engineering	CB463	Foundation Analysis And Design
CB573	Construction Surveying 2	CB271	Construction Surveying 1
CB575	Special Topics In Transportation Engineering	CB474	Highway Design & Construction
CB576	Special Topics In Railway Eng.	CB472	Transportation & Traffic Engineering
CB584	Special Topics In Hydraulic & Coastal Structures	CB483	Irrigation And Drainage Engineering