



Mark	Pre-requisite	Cr. H.	Course	Course No.
	0670381	3	Hydraulics	0670441
	0670441	3	Hydrology	0670541
	* 0670441	1	Hydraulics Lab	0670442
	* 0670443	1	Sanitary Eng Lab	0670444
	0670331	3	Foundation Eng	0670531
	115 Cr. H.	3	Eng Training (**)	0670499
	100 Cr. H.	1	Eng Project - 1	0670551
	0670551 + 0670499	2	Eng Project - 2	0670552
	0670211	3	Fluid Mechanics	0670381
	0670381	3	Sanitary Eng	0670443

Mark	Pre-requisite	Cr. H.	Course	Course No.
	0620171	1	Eng. Workshop (2)	0620172
	* 0212101	1	General Chemistry (1) Lab	0212102
	0250102	3	Calculus (3)	0250202
	0250102	3	Linear Algebra & Direc. Integra.	0250205
	0250102	3	Engineering Analysis - 1	0650260
	0250205	3	Engineering Analysis - 2	0610262
	0670211	3	Dynamics	0620212
	0250102	3	Engineering Statistics	0670203

Mark	Pre-requisite	Cr. H.	Course	Course No.
	0670412	3	Prestressed Concrete	0670517
	0670444+0212101	3	Environmental Eng.	0670343
	Dept. Approval	3	Special Topics in Civil Eng	0670553
	0670422	3	Airports & Railways Eng.	0670522
	120 Cr. H.	3	Computer Applications in Civil Eng	0670554
	120 Cr. H.	3	Fundamentals of Finite Element	0670555

**C. Elective Requirements**  
The student must study (9) Cr. H. from the table below

(\*) Concurrent  
(\*\*) (280) hours continuous non-concurrent training

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Mark	Pre-requisite	Cr. H.	Course Title	Course No.
	---	3	Calculus (1)	0250101
	0250101	3	Calculus (2)	0250102
	---	3	General Physics (1)	0211101
	0211101	3	General Physics (2)	0211102
	---	3	General Chemistry (1)	0212101
	---	1	Manual Eng. Drawing	0660131
	0660131	1	Computer Eng. Drawing	0660132
	---	1	Eng. Workshop (1)	0620171
	---	3	Programming Language	0610263
	0130108	3	Engineering Skills	0640253
	0640253	3	Entrepreneurship	0610550

Mark	Pre-requisite	Cr. H.	Course Title	Course No.
	0250102	3	Engineering Geology	0670231
	0211101 + 0250102	3	Statics	0670211
	0620212	3	Strength of Materials	0670212
	* 0670212	1	Strength of Materials Lab	0670213
	0250102	3	Construction Materials	0670214
	* 0670214	1	Construction Materials Lab	0670216
	0670214	3	Building Construction & Draw.	0670217
	0670231	3	Soil Mechanics	0670331
	* 0670331	1	Soil Mechanics Lab	0670332
	0670212	3	Structures (1)	0670311
	0670311	3	Structures (2)	0670312
	0670261	3	Eng. Design of Highways	0670324
	0670324	3	Pavement Design	0670323
	* 0670323	1	Design of Highways lab	0670322
	0670312	3	Reinforced Concrete -1	0670411
	0670411	3	Reinforced Concrete -2	0670412
	0670312	2	Metallic Structures	0670414
	0670324	2	Transportation & Traffic Eng	0670422
	0250102	3	Surveying	0670261
	* 0670261	1	Surveying Lab	0670262
	0670412	3	Management of Eng. Projects	0670571
	0670412	3	Specif. Contracts & Qu. Surv.	0670572

Mark	Pre-requisite	Cr. H.	Course Title	Course No.
	---	3	Military Science	0111100
	---	3	National Education	0111101
	---	3	Communication and Contact Skills (Arabic Language)	0114103
	---	3	Communication and Contact Skills (English Language 1)	0130107
	---	3	Communication and Contact Skills (English Language 2)	0130108
	---	1	Entrepreneurship and Innovation	0330103
	---	1	Leadership and Social Responsibility	0115102
	---	1	Life Skills	0170101

Mark	Pre-requisite	Cr. H.	Course Title	Course No.
	---	3	Thinking Skills	0170102
	---	3	Human Vision & Civilization (1)	0111133
	---	3	Language Skills (1)	0140111
	---	3	Language Skills (2)	0140112
	---	3	Development & Environment	0670101
	---	3	Introduction to Project Management	0330111
	---	3	Human Rights	0420140
	---	3	Legal Culture	0420143
	---	3	Economic Culture	0320104
	---	3	Digital Culture	0750101
	---	3	Data Analysis Skills	0750102
	---	3	Health Culture	0910102

**Note:-**  
All students must take level examinations in Arabic Language, English Language, and Computer Skills. Student who fail to pass in any examinations (less than 50%) must successfully pass the remedial course which he/she did not pass.

**Codes used in Curriculum:**  
610 Electrical Eng.  
611 Renewable Energy Eng.  
615 Alternative Energy Technology  
620 Mechanical Eng.  
640 Mechatronics Eng.  
650 Communications & Electronics Eng.  
660 Architectural Eng.  
670 Civil Eng.