



Student Name: _____
Student No : _____
Academic Advisor: _____

First: University Requirements (27) Cr.Hr.
A. First Field: University Compulsory Requirements: (18) Cr.Hr.

Course No.	Course Title	Cr.Hr.	Prerequisite
111100	Military Science	3	---
116101	National Education	3	---
116103	Communication and Contact Skills (Arabic Language)	3	114099
116107	Communication and Contact Skills (English Language 1)	3	130099
116108	Communication and Contact Skills (English Language 2)	3	116107
116110	Entrepreneurship and Innovation	1	---
116102	Leadership and Social Responsibility	1	---
116104	Life Skills	1	---
116109	Voluntary Community Service	0	---

B. University Elective Courses (9) Cr.Hr.
The student studies 12 credit hours from the table below:

Course No.	Course Title	Cr.Hr.	Prerequisite
116105	Thinking Skills	3	---
116133	Human Vision & Civilization	3	---
116111	Language Skills (1)	3	---
116112	Language Skills (2)	3	---
116113	Development & Environment	3	---
116114	Introduction to Project Management	3	---
116140	Human Rights	3	---
116143	Legal Culture	3	---
116106	Economic Culture	3	---
216104	Digital Culture	3	---
216102	Data Analysis Skills	3	---
216105	Health Culture	3	---
116144	Introduction to cycology and sociology	3	---

Notes: -

All students must take level examinations in Arabic Language, English language and Computer skills. Student who fails 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.
- (630) Computer Eng.
- (650) Communications & Electronics Eng.
- (670) Civil Eng.
- (620) Mechanical Eng.
- (615)\Alternative Energy Technology
- (640) Mechatronics Eng.
- (660) Architectural Eng.

Second: Faculty Requirements: (27) Cr. Hr.

Course No.	Course Title	Cr.Hr.	Prerequisite
216111	Calculus (1)	3	---
250102	Calculus (2)	3	216111
216131	General Physics (1)	3	---
216132	General Physics (2)	3	216131
216141	General Chemistry (1)	3	---
660131	Manual Engineering Drawing	1	---
660132	Computer Engineering Drawing	1	660131
620171	Engineering Workshop (1)	1	---
610263	Programming Language	3	750099
640253	Engineering Skills	3	130108
610550	Entrepreneurship	3	640253

Third: Department Requirements (106) Cr.Hr.
A. Compulsory Requirements: (77) Cr.Hr.

Course No.	Course Title	Cr.Hr.	Prerequisite
670231	Engineering Geology	3	250102
670211	Statics	3	250102 + 216131
670212	Strength of Materials	3	620212
670213	Strength of Materials Lab.	1	670212 *
670214	Construction Materials	3	250102
670216	Construction Materials Lab.	1	670214 *
670217	Building Construction & Civil Drawing	3	670214
670331	Soil Mechanics	3	670331
670332	Soil Mechanics Lab.	1	670331 *
670311	Structures (1)	3	670212
670312	Structures (2)	3	670311
670324	Highways Geometric Design	3	670261
670323	Pavement Design	3	670324
670322	Design of Highways lab.	1	670323 *
670411	Reinforced Concrete -1	3	670312
670412	Reinforced Concrete -2	3	670411
670414	Steel Structures	2	670312
670422	Transportation & Traffic Engineering	2	670324
670261	Surveying	3	250102
670262	Surveying Lab.	1	670261 *
670571	Project Management	3	670412
670572	Specifications, Contracts & Quantity Surveying	3	670412

B. Compulsory Support Requirements: (20) Cr. Hr.

Course No.	Course Title	Cr.Hr.	Prerequisite
670441	Hydraulics	3	670381
670541	Hydrology	3	670441
670442	Hydraulics Lab.	1	670441 *
670444	Sanitary Engineering Lab.	1	670443 *
670531	Foundations Engineering	3	670331
670499	Engineering Training (**)	3	115 Cr. H.
670551	Engineering Project - 1	1	100 Cr. H.
670552	Engineering Project - 2	2	670551 + 670499
670381	Fluid Mechanics	3	670211
670443	Sanitary Engineering	3	670381

C. Elective Requirements: (9) Cr. Hr.

Course No.	Course Title	Cr.Hr.	Prerequisite
670517	Prestressed Concrete	3	670412
670343	Environmental Engineering	3	216141+670444
670553	Special Topics in Civil Engineering	3	Dept. Approval
670522	Airports & Railways Engineering	3	670422
670554	Computer Applications in Civil Engineering	3	120 Cr. H.
670555	Fundamentals of Finite Element	3	120 Cr. H.

(**) Concurrent
(***) 5 (280 hours) of Training after completing (115) Cr.Hrs.



Handwritten signatures and dates: 5/10/2022, 5/10/2022.