



FACULTY OF CIVIL AND ENVIRONMENTAL ENGINEERING
Department of Traffic and Transportation Engineering

1st Semester

2nd Semester

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
ENG101	ENGLISH I	İNGİLİZCE I	C	3	0	3	3
MTH101	CALCULUS	MATEMATİK I	C	4	0	4	5
PHY101	GENERAL PHYSICS I	GENEL FİZİK I	C	3	2	4	5
CHM101	GENERAL CHEMISTRY I	GENEL KİMYA I	C	3	2	4	5
ECC101	COMPUTER PROGRAMMING	PROGLAMLAMAYA GİRİŞ	C	3	0	3	4
CAM100	CAMPUS ORIENTATION	KAMPÜSE UYUM	C	0	0	0	2
YIT101	TURKISH LANGUAGE FOR INTERNATIONAL STUDENTS I	YABANCILAR İÇİN TÜRKÇE I	C	2	0	2	2
AIT103	ATATURK'S PRINCIPLES AND THE HISTORY OF TURKISH REVOLUTION II	ATATÜRK İLKELERİ VE İNKILAP TARİHİ II	C	2	0	2	2
CHC100	CYPRUS HISTORY AND CULTURE	KIBRIS TARİHİ VE KÜLTÜRÜ	E	2	0	2	2
Total				22	4	24	30

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
ENG102	ENGLISH II	İNGİLİZCE II	C	3	0	3	3
MTH102	CALCULUS II	MATEMATİK II	C	4	0	4	6
PHY102	GENERAL PHYSICS II	GENEL FİZİK II	C	3	2	4	6
GEO102	GEOLOGY FOR ENGINEERING	MÜHENDİSLER İÇİN JEOLJİ	C	3	0	3	3
TD102	TECHNICAL DRAWING	TEKNİK ÇİZİM	C	2	2	3	6
CAR101	CARRIER PLANNING	KARYER PLANLAMA	C	0	0	0	2
YIT102	TURKISH LANGUAGE FOR INTERNATIONAL STUDENTS II	YABANCILAR İÇİN TÜRKÇE II	C	2	0	2	2
AIT104	ATATURK'S PRINCIPLES AND THE HISTORY OF TURKISH REVOLUTION I	ATATÜRK İLKELERİ VE İNKILAP TARİHİ I	C	2	0	2	2
Total				19	4	21	30

3rd Semester

4th Semester

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
MTH201	DIFF. EQ. AND LIN. ALGEBRA	DİFERENSİYEL DENKLEMLER	C	4	0	4	6
MTH251	STATISTICS AND PROBABILITY	İSTATİSTİK VE OLASILIK	C	3	0	3	6
ECC206	STATICS	STATİK	C	3	2	3	5
ECC426	ENGINEERING ECONOMY	MÜHENDİSLİK EKONOMİSİ	C	3	0	3	6
TTE241	MATERIALS SCIENCE	MALZEME BİLİMİ	C	4	0	4	5
NTE	NON-TECHNICAL ELECTIVE COURSE	TEKNİK OLMAYAN SEÇMELİ DERS I	E	2	0	2	2
Total				19	2	19	30

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
MTH232	ADVANCED CALCULUS	İLERİ MATEMATİK	C	3	0	3	5
MTH323	NUMERICAL ANALYSIS	NUMERİK ANALİZİ	C	3	2	4	6
TTE204	SURVEYING	TOPOĞRAFYA VE ÖLÇME BİLGİSİ	C	3	0	3	6
TTE244	MATERIALS OF CONSTRUCTION	YAPI MALZEMELERİ	C	3	2	4	6
ECC213	STRENGTH OF MATERIALS	MUKAVEMET	C	4	0	4	5
NTE	NON-TECHNICAL ELECTIVE COURSE	TEKNİK OLMAYAN SEÇMELİ DERS I	E	2	0	2	2
Total				18	4	20	30

5th Semester

6th Semester

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
TTE306	COMPUTER APPLICATIONS IN ENGINEERING	MÜHENDİSLİK İÇİN BİLGİSAYAR UYGULAMALARI	C	2	2	3	6
TTE351	INTRODUCTION TO TRANSPORTATION ENG.	ULAŞTIRMA MÜHENDİSLİĞİNE GİRİŞ	C	2	2	3	6
TTE361	SOIL MECHANICS I	ZEMİN MEKANİĞİ I	C	3	2	4	6
TTE371	FLUID MECHANICS	AKIŞKANLAR MEKANİĞİ	C	4	0	4	6
TTE381	STRUCTURAL ANALYSIS I	YAPI ANALİZİ I	C	3	2	3	6
TTE300	SUMMER PRACTICE I. (30 DAYS)	YAZ STAJI I	C	0	0	0	0
Total				14	8	17	30

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
TTE362	SOIL MECHANICS II	ZEMİN MEKANİĞİ II	C	4	0	4	6
TTE363	TRANSPORTATION SYSTEMS	ULAŞTIRMA SİSTEMLERİ	C	3	2	4	6
TTE364	PAVEMENT MATERIALS AND DESIGN	YOL MALZEMELERİ VE UYGULAMALARI	C	3	2	4	6
TTE365	TRAFFIC ENGINEERING	TRAFİK MÜHENDİSLİĞİ	C	3	2	4	6
TTE366	HIGHWAY DESIGN	KARAYOLU TASARIMI VE PROJELENDİRME	C	2	2	3	6
Total				15	8	19	30

7th Semester

8th Semester

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
TTE431	PROJECT MANAGEMENT	PROJE YÖNETİMİ	C	3	2	4	6
TTE432	GEOGRAPHIC INFORMATION SYSTEMS	COĞRAFİ BİLGİ SİSTEMLERİ	C	3	2	4	6
TTE433	RAILWAY ENGINEERING	DEMİR YOLU TASARIMI VE PROJELENDİRME	C	4	0	4	6
TTE434	PUBLIC TRANSPORTATION	TOPLU TAŞIMA SİSTEMLERİ	C	4	0	4	6
TTE400	SUMMER PRACTICE II. (30 DAYS)	YAZ STAJI II	C	0	0	0	0
TE	TECHNICAL ELECTIVE	TEKNİK SEÇMELİ	E	3	0	3	6
Total				17	4	19	30

CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
TTE435	AIRPORT ENGINEERING	HAVAYOLU TASIMACILIĞI VE HAVAALANLARI	C	4	0	4	5
TTE436	BRIDGE ENGINEERING	KÖPRÜ VE VİYADÜKLER	C	4	1	4	6
TTE437	RISK MANAGEMENT	RİSK YÖNETİMİ	C	4	0	4	6
TTE498	GRADUATION PROJECT	MEZUNİYET PROJESİ	C	2	4	4	7
TE	TECHNICAL ELECTIVE	TEKNİK SEÇMELİ	E	3	0	3	6
Total				17	5	19	30

Total No. of Courses

Total No. Of Electives

Total No. Of Credits

48

4

158

Percentage of Electives

24

Total ECTS

240

Key:

C/E: Compulsory/Elective (Please indicate)	T: Hours of Theoretical Study	P: Hours of Practice/Lab	C: Credits	E: ECTS
---	--------------------------------------	---------------------------------	-------------------	----------------