



T.C.
GAZİANTEP ÜNİVERSİTESİ
Mühendislik Fakültesi



Sayı :71137699/302.01.10/4616
Konu :ÇAP (Çift Anadal Programı)

29/01/2015

MAKİNA MÜHENDİSLİĞİ BÖLÜMÜNE

Fakültemiz Bölümlerarası ÇiftAnadal ve Yandal programlarında en son kataloga göre düzenlemeler yapılmış olup aşağıdaki şekliyle kabulüne ilişkin Fakülte Kurulunun 20.01.2015 tarih ve 02 nolu toplantısında alınan 2015/13 sayılı kararlar ilişikte sunulmuştur.

Bilgilerinizi ve gereğini arz ederim.

Prof.Dr. Mustafa BAYRAM
Mühendislik Fakültesi Dekanı V.

EK :
FK Kararı
DAĞITIM
Gereği:
ÖĞRENCİ İŞLERİ DAİRE
BAŞKANLIĞINA

Bilgi:
MAKİNA MÜHENDİSLİĞİ BÖLÜMÜNE
ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ
BÖLÜMÜNE
GIDA MÜHENDİSLİĞİ BÖLÜMÜNE
FİZİK MÜHENDİSLİĞİ BÖLÜMÜNE
ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜNE
TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜNE
İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜNE

FAKÜLTE KURULU TOPLANTI TUTANAĞI

Toplantı Tarihi : 20.01.2015

Toplantı No : 2

20.01.2015 tarihinde toplanan Fakülte Kurulu aşağıdaki kararlarını almıştır.

2015/13

Fakültemiz Bölümlerarası ÇiftAnadal ve Yandal programlarında en son kataloga göre düzenlemeler yapılmış olup aşağıdaki şekliyle kabulüne;

MÜHENDİSLİK FAKÜLTESİ BÖLÜMLER ARASI ÇİFT ANADAL PROGRAMI

****I-MAKİNE MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI

ELEKTRİK-ELEKTORNİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ

KODU	DERSİN ADI	ECTS
ME 113	Engineering Drawing - I	4
ME 108	Statics	4
ME 114	Engineering Drawing - II	4
ME 199	Engineering Orientation	4
ME 203	Manufacturing Processes - I	5
ME 215	Engineering Materials - I	4
ME 223	Strength of Materials	4
ME 204	Thermodynamics - I	5
ME 206	Heat Transfer	5
ME 208	Dynamics	5
ME 216	Engineering Materials - II	5
ME 301	Mechanisms	4
ME 303	Thermodynamics - II	5
ME 307	Machine Elements - I	5
ME 333	Manufacturing Processes - II	5
ME 371	Fluid Mechanics - I	5
ME 302	Dynamics of Machinery	5
ME 308	Machine Elements - II	5
ME 352	Principles of Energy Conversion	5
ME 372	Fluid Mechanics – II	5
ME 316	Mechanical Engineering Laboratory	4
	Technical Elective Course1	4
	Technical Elective Course2	4
	Technical Elective Course3	4
	Technical Elective Course4	4
	Technical Elective Course5	4
TOTAL		117

EŞDEĞER DERSLER

MAKİNE MÜHENDİSLİĞİ DERSİ		ELEKTRİK ve ELEKTRONİK MÜH. DERSİ	
EP 105	General Physics - I	EP 103	General Physics - I +
		EP 107	General Physics - I Lab.
FE 103	General Chemistry - I	FE 101	General Chemistry - I
LENG 101	Freshman English - I	LENG 101	Freshman English - I
MATH 151	Calculus - I	MATH 151	Calculus - I
ME 113	Engineering Drawing - I	ME 101	Engineering Graphics
TDP 101	Toplumsal Duy. Projesi - I	TDP 101	Toplumsal Duy. Projesi -I
TURK 101	Turkish - I	TURK 100	Turkish - I
	Common Elective		Common Elective
EP 106	General Physics - II	EP 104	General Physics - II
		EP 108	General Physics - II Lab.
LENG 102	Freshman English - II	LENG 102	Freshman English - II
MATH 152	Calculus - II	MATH 152	Calculus - II
ME 103	Engineering Ethics	EEE 100	Engineering Ethics
TDP 102	Toplumsal Duy. Projesi - II	TDP 102	Toplumsal Duy. Projesi - II
TURK 102	Turkish - II	TURK 102	Turkish - II
HIST 200	Prin. Atatürk, Hist of Turk.	HIST 100	Prin. Atatürk, Hist of Turk.
MATH 255	Linear Algebra	EEE 186	Applies Linear Algebra
ME 211	Int. to A/C, D/C circuits	EEE 201	Circuit Analysis
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 200	Prin. Atatürk, Hist of Turk.
MATH 256	Differential Equations	EEE 285	Applied Differential Equations
ME 204	Thermodynamics - I	ME 204	Thermodynamics - I
ME 208	Dynamics	ME 208	Dynamics
ME 240	Computation for Mech. Eng.	EEE 145	Programming in C
ME 299	Summer Practice	EEE 299	Summer Practice
ME 399	Summer Practice	EEE 399	Summer Practice
ME 499	Graduation Project	EEE 499	Graduation Project

GIDA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

KODU	DERSİN ADI	ECTS
EP 106	General Physics – II	5
ME 108	Statics	4
ME 114	Engineering Drawing - II	4
ME 199	Engineering Orientation	4
ME 203	Manufacturing Processes - I	5
ME 211	Introduction to D/C - A/C Circuits	4
ME 215	Engineering Materials - I	4
ME 223	Strength of Materials	4
ME 208	Dynamics	5
ME 216	Engineering Materials - II	5
ME 301	Mechanisms	4
ME 303	Thermodynamics - II	5
ME 307	Machine Elements - I	5
ME 333	Manufacturing Processes - II	5
ME 302	Dynamics of Machinery	
ME 308	Machine Elements - II	5
ME 352	Principles of Energy Conversion	

ME 372	Fluid Mechanics - II	5
ME 316	Mechanical Engineering Laboratory	4
ME 399	Summer Practise	2
	Technical Elective Course1	4
	Technical Elective Course2	4
	Technical Elective Course3	4
	Technical Elective Course4	4
	Technical Elective Course5	4
	Technical Elective Course6	4
TOTAL		113

EŞDEĞER DERSLER

MAKİNE MÜHENDİSLİĞİ DERSİ		GIDA MÜHENDİSLİĞİ DERSİ	
FE 103	General Chemistry - I	FE 111	General Chemistry I
LENG 101	Freshman English - I	LENG 101	Freshman English I
EP 105	General Physics - I	EP 116	General Physics I +
		EP 120	General Physics Laboratory
MATH 151	Calculus - I	MATH 151	Calculus I
	Common Elective		Common Elective
ME 113	Engineering Drawing - I	ME 101	Engineering Graphics
TDP 101	Toplumsal Duy. Projesi - I	TDP 101	Toplumsal Duy. Projesi - I
TURK 101	Turkish - I	TURK 101	Turkish I
LENG 102	Freshman English - II	LENG 102	Freshman English II
MATH 152	Calculus - II	MATH 152	Calculus II
ME 103	Engineering Ethics	FE 113	Engineering Ethics
TDP 102	Toplumsal Duy. Projesi - II	TDP 102	Toplumsal Duy. Projesi -II
TURK 102	Turkish - II	TURK 102	Turkish - II
HIST 200	Prin. Atatürk, Hist of Turk.	HIST 201	Prin. Atatürk, Hist of Turk.
MATH 255	Linear Algebra	FE 356	App. Mathematics in Food Eng
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 202	Prin. Atatürk, Hist of Turk.
MATH 256	Differential Aquations	MATH	256 Differential Equations
ME 204	Thermodynamics - I	FE 224	Engincering Thermodynamics
ME 240	Computation for Mech. Eng.	EEE 241	Computer Programming
ME 299	Summer Practice	FE 299	Summer Practice
ME 371	Fluid Mechanics - I	FE 222	Fluid Mechanics.
ME 304	Heat Transfer	FE 321	Heat Transfer
ME 499	Graduation Project	FE 499	Graduation Project

İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

KODU	DERSİN ADI	ECTS
ME 114	Engineering Drawing - II	4
ME 199	Engineering Orientation	4
ME 203	Manufacturing Processes - I	5
ME 206	Heat Transfer	5
ME 211	Introduction to D/C - A/C Circuits	4
ME 223	Strength of Materials	4

ME 204	Thermodynamics - I	5
ME 299	Summer Practise	2
ME 301	Mechanisms	4
ME 303	Thermodynamics - II	5
ME 307	Machine Elements - I	5
ME 333	Manufacturing Processes - II	5
ME 302	Dynamics of Machinery	5
ME 308	Machine Elements - II	5
ME 352	Principles of Energy Conversion	5
ME 372	Fluid Mechanics - II	5
ME 316	Mechanical Engineering Laboratory	4
ME 399	Summer Practice	2
ME 499	Graduation Project	4
	Technical Elective Course1	4
	Technical Elective Course2	4
	Technical Elective Course3	4
	Technical Elective Course4	4
	Technical Elective Course5	4
	Technical Elective Course6	4
TOTAL		106

EŞDEĞER DERSLER

MAKİNE MÜHENDİSLİĞİ DERSİ		İNŞAAT MÜHENDİSLİĞİ DERSİ	
EP 105	General Physics - I	EP 105	General Physics - I
FE 103	General Chemistry - I	FE 103	General Chemistry - I
I.ENG 101	Freshman English - I	LENG 101	Freshman English - I
MATH 151	Calculus - I	MATH 151	Calculus - I
ME 113	Engineering Drawing - I	CE 101	Civil Engineering Drawing
TDP 101	Toplumsal Duy. Projesi - I	TDP 101	Toplumsal Duy. Projesi - I
TURK 101	Turkish - I	TURK 101	Turkish - I
	Common Elective		Common Elective
EP 106	General Physics - II	EP 106	General Physics - II
LENG 102	Freshman English - II	LENG 102	Freshman English - II
MATH 152	Calculus -II	MATH 152	Calculus - II
ME 108	Statics	CE 122	Statics
ME 103	Engineering Ethics	CE 100	Engineering Ethics
TDP 102	Toplumsal Duy. Projesi - II	TDP 102	Toplumsal Duy. Projesi - II
TURK 102	Turkish - II	TURK 102	Turkish - II
HIST 200	Prin. Atatürk, Hist of Turk.	HIST 200	Prin. Atatürk, Hist of Turk.
MATH 255	Linear Algebra	MATH 255	Linear Algebra
ME 215	Engineering Materials - I	CE 223	Solid Mechanics
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 201	Prin. Atatürk, Hist of Turk.
MATH 256	Differential Aquations	MATH 256	Differential Equations
ME 208	Dynamics	CE 222	Dynamics
ME 216	Engineering Materials - II	CE 241	Material Science
ME 240	Computation for Mech. Eng.	CE 209	Computation for Civ.Eng.
ME 371	Fluid Mechanics - I	CE 272	Fluid Mechanics.

FİZİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

KODU	DERSİN ADI	ECTS
ME 108	Statics	4
ME 114	Engineering Drawing - II	4
ME 199	Engineering Orientation	4
ME 203	Manufacturing Processes	5
ME 215	Engineering Materials - I	4
ME 223	Strength of Materials	4
ME 204	Thermodynamics - I	5
ME 206	Heat Transfer	5
ME 208	Dynamics	5
ME 216	Engineering Materials - II	5
ME 299	Summer Practise – II	2
ME 301	Mechanisms	4
ME 303	Thermodynamics - II	5
ME 307	Machine Elements - I	5
ME 333	Manufacturing Processes - II	5
ME 371	Fluid Mechanics - I	5
ME 302	Dynamics of Machinery	5
ME 308	Machine Elements - II	5
ME 352	Principles of Energy Conversion	5
ME 372	Fluid Mechanics - II	5
ME 316	Mechanical Engineering Laboratory	4
	Technical Elective Course1	4
	Technical Elective Course2	4
	Technical Elective Course3	4
	Technical Elective Course4	4
	Technical Elective Course5	4
	Technical Elective Course6	4
TOTAL		119

EŞDEĞER DERSLER

MAKİNE MÜHENDİSLİĞİ DERSİ		FİZİK MÜHENDİSLİĞİ DERSİ	
EP 105	General Physics - I	EP 111	Mechanics
		EP 143	Heat
		EP 135	Gen. Physics Lab. - I
FE 103	General Chemistry - I	FE 103	General Chemistry - I
LENG 101	Freshman English - I	LENG 101	Freshman English I
MATH 151	Calculus - I	MATH 151	Calculus - I
ME 113	Engineering Drawing - I	ME 101	Engineering Graphics
TDP 101	Toplumsal Duy. Projesi - I	TDP 101	Toplumsal Duy. Projesi - I
TURK 101	Turkish - I	TURK 101	Turkish - I
	Common Elective		Common Elective
EP 106	General Physics - II	EP 118	Optics and Accoustics
		EP 124	Electricity and Magnetism
		EP 136	General Physics Lab – II
LENG 102	Freshman English - II	LENG 102	Freshman English - II
MATH 152	Calculus - II	MATH 152	Calculus - II

ME 103	Engineering Ethics	EP 112	Engineering Ethics
TDP 102	Toplumsal Duy. Projesi - II	TDP 102	Toplumsal Duy. Projesi - II
TURK 102	Turkish - II	TURK 102	Turkish - II
HIST 200	Prin. Atatürk, Hist of Turk.	HIST 201	Prin. Atatürk, Hist of Turk.
MATH 255	Linear Algebra	EP 220	Maths for Eng. and Physicists-II
ME 211	Int. to D/C and A/C circuits	EP 215	Circuit Analysis
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 202	Prin. Atatürk, Hist of Turk.
MATH 256	Differential Equations	EP 219	Maths for Eng. and Physicists-I
ME 240	Computation for Mech. Eng.	EP 241	Computer Programming
ME 399	Summer Practice	EP 399	Summer Practice
ME 499	Graduation Project	EP 499	Graduation Project.

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

KODU	DERSİN ADI	ECTS
ME 108	Statics	4
ME 114	Engineering Drawing - II	4
ME 199	Engineering Orientation	4
ME 211	Introduction to D/C - A/C Circuits	4
ME 223	Strength of Materials	4
ME 204	Thermodynamics - I	5
ME 206	Heat Transfer	5
ME 208	Dynamics	5
ME 299	Summer Practice	2
ME 216	Engineering Materials - II	5
ME 301	Mechanisms	4
ME 303	Thermodynamics - II	5
ME 307	Machine Elements - I	5
ME 333	Manufacturing Processes - II	5
ME 371	Fluid Mechanics - I	5
ME 302	Dynamics of Machinery	5
ME 308	Machine Elements - II	5
ME 352	Principles of Energy Conversion	5
ME 372	Fluid Mechanics - II	5
ME 316	Mechanical Engineering Laboratory	4
	Technical Elective Course1	4
	Technical Elective Course2	4
	Technical Elective Course3	4
	Technical Elective Course4	4
	Technical Elective Course5	4
	Technical Elective Course6	4
TOTAL		114

EŞDEĞER DERSLER

MAKİNE MÜHENDİSLİĞİ DERSİ		ENDÜSTRİ MÜHENDİSLİĞİ DERSİ	
EP 105	General Physics - I	EP 105	General Physics - I
FE 103	General Chemistry - I	FE 101	General Chemistry - I
LENG 101	Freshman English - I	LENG 101	Freshman English - I
MATH 151	Calculus - I	MATH 151	Calculus - I
ME 113	Engineering Drawing - I	ME 101	Engineering Graphics
TDP 101	Toplumsal Duy. Projesi - II	TDP 101	Toplumsal - I Duy. Projesi
TURK 101	Turkish -I	TURK 101	Turkish - I
	Common Elective		Common Elective
EP 106	General Physics - II	EP 106	General Physics - II
LENG 102	Freshman English - II	LENG 102	Freshman English -II
MATH 152	Calculus - II	MATII 152	Calculus - II
ME 103	Engineering Ethics	IE 143	Engineering Ethics
TDP 102	Toplumsal Duy. Projesi - II	TDP 102	Toplumsal Duy. Projesi - II
TURK 102	Turkish II	TURK 102	Turkish II
HIST 200	Prin. Atatürk, Hist of Turk.	HIST 201	Prin. Atatürk, Hist of Turk.
MATH 255	Linear Algebra	MATH 255	Linear Algebra
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 202	Prin. Atatürk, Hist of Turk.
ME 203	Manufacturing Processes	IE 201	Int. to Manufacturing Processes
ME 215	Engineering Materials - I	ME 215	Engineering Materials - I
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 202	Prin. Atatürk, Hist of Turk.
MATH 256	Differential Equations	MATH256	256 Differential Equations
ME 240	Computation for Mech. Eng.	IE 141 IE 142	Computer Programming - I + Computer Programming - II
ME 399	Summer Practice	IE 399	Summer Practice
ME 499	Graduation Project	IE 499	Graduation Project.
ME 400		IE 400	

TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

KODU	DERSİN ADI	ECTS
ME 108	Statics	4
ME 114	Engineering Drawing - II	4
ME 199	Engineering Orientation	4
ME 203	Manufacturing Processes - I	5
ME 206	Heat Transfer	5
ME 211	Introduction to D/C - A/C Circuits	4
ME 215	Engineering Materials - I	4
ME 223	Strength of Materials	4
ME 204	Thermodynamics - I	5
ME 208	Dynamics	5
ME 216	Engineering Materials - II	5
ME 299	Summer Practise	2
ME 301	Mechanisms	4
ME 303	Thermodynamics - II	5
ME 333	Manufacturing Processes - II	5
ME 302	Dynamics of Machinery	5
ME 308	Machine Elements - II	5
ME 352	Principles of Energy Conversion	5

ME 371	Fluid Mechanics – I	5
ME 372	Fluid Mechanics - II	5
ME 316	Mechanical Engineering Laboratory	4
ME 399	Summer Practise	2
	Technical Elective Course1	4
	Technical Elective Course2	4
	Technical Elective Course3	4
	Technical Elective Course4	4
	Technical Elective Course5	4
	Technical Elective Course6	4
TOTAL		120

EŞDEĞER DERSLER

MAKİNE MÜHENDİSLİĞİ DERSİ		TEKSTİL MÜHENDİSLİĞİ DERSİ	
EP 105	General Physics - I	EP 105	General Physics - I
FE 103	General Chemistry - I	FE 101	General Chemistry -I
LENG 101	Freshman English - I	LENG 101	Freshman English - I
MATH 151	Calculus - I	MATH 151	Calculus - I
ME 113	Engineering Drawing - I	ME 101	Engineering Graphics
TDP 101	Toplumsal Duy. Projesi - I	TDP 101	Toplumsal Duy. Projesi - I
	Common Elective		Common Elective
TURK 101	Turkish - I	TURK 101	Turkish - I
EP 106	General Physics - II	EP 106	General Physics - II
LENG 102	Freshman English - II	LENG 102	Freshman English - II
MATH 152	Calculus - II	MATH 152	Calculus - II
ME 108	Statics	TE 208	Statics
ME 103	Engineering Ethics	TE 131	Engineering Ethics
TDP 102	Toplumsal Duy. Projesi - II	TDP 102	Toplumsal Duy. Projesi-II
TURK 102	Turkish - II	TURK 102	Turkish - II
HIST 200	Prin. Atatürk, Hist of Turk.	HIST 201	Prin. Atatürk, Hist of Turk.
MATH 255	Linear Algebra	MATH 255	Linear Algebra
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 202	Prin. Atatürk, Hist of Turk.
MATH 256	Differential Aquations	MATH	256 Differential Equations
ME 240	Computation for Mech. Eng.	TE 241	Computer Programming
ME 307	Machine Elements - I	TE 321	Machine Elements
ME 499	Graduation Project	TE 398	Graduation Project.

OPTİK VE AKUSTİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

KODU	DERSİN ADI	ECTS
ME 108	Statics	4
ME 113	Engineering Drawing – I	4
ME 114	Engineering Drawing - II	4
ME 199	Engineering Orientation	4
ME 203	Manufacturing Processes - I	5
ME 206	Heat Transfer	5
ME 215	Engineering Materials - I	4
ME 223	Strength of Materials	4
ME 204	Thermodynamics - I	5

ME 208	Dynamics	5
ME 216	Engineering Materials - II	5
MATH 256	Differential Equations	4
ME 299	Summer Practise - II	2
ME 301	Mechanisms	4
ME 303	Thermodynamics - II	5
ME 307	Machine Elements - I	5
ME 333	Manufacturing Processes - II	5
ME 371	Fluid Mechanics - I	5
ME 302	Dynamics of Machinery	5
ME 308	Machine Elements - II	5
ME 352	Principles of Energy Conversion	5
ME 372	Fluid Mechanics - II	5
ME 316	Mechanical Engineering Laboratory	4
	Technical Elective Course1	4
	Technical Elective Course2	4
	Technical Elective Course3	4
	Technical Elective Course4	4
TOTAL		119

EŞDEĞER DERSLER

MAKİNE MÜHENDİSLİĞİ DERSİ		OPTİK - AKUSTİK MÜHENDİSLİĞİ DERSİ	
EP 105	General Physics - I	EP 109	Physics - I
FE 103	General Chemistry - I	FE 103	General Chemistry - I
LENG 101	Freshman English - I	LENG 101	Freshman English - I
MATH 151	Calculus - I	MATH 151	Calculus - I
TDP 101	Toplumsal Duy. Projesi - I	TDP 101	Toplumsal Duy. Projesi - I
TURK 101	Turkish - I	TURK 101	Turkish - I
EP 106	General Physics - II	EP 110	Physics - II
	Common Elective		Common Elective
LENG 102	Freshman English - II	LENG 102	Freshman English - II
MATH 152	Calculus - II	MATH 152	Calculus - II
ME 103	Engineering Ethics	EP 112	Engineering Ethics
TDP 102	Toplumsal Duy. Projesi - II	TDP 102	Toplumsal Duy. Projesi - II
TURK 102	Turkish - II	TURK 102	Turkish - II
HIST 200	Prin. Atatürk, Hist of Turk.	HIST 201	Prin. Atatürk, Hist of Turk.
MATH 255	Linear Algebra	OPAC 209	Math. Methods for Optics and Acc.
ME 211	Int. to D/C and A/C circuits	OPAC 205	Electrical Circuit Analysis
		OPAC 212	Analog Electronics
		OPAC 214	Electronics Laboratory.
HIST 201	Prin. Atatürk, Hist of Turk.	HIST 202	Prin. Atatürk, Hist of Turk.
ME 240	Computation for Mech. Eng.	OPAC - 112	Computer Programming
ME 399	Summer Practice	OPAC 399	Summer Practice
ME 499	Graduation Project	OPAC 499	Graduation Project.

*****2. ELEKTRİK-ELEKTRONİK MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI**
MAKİNA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

3.DÖNEM		AKTS
EEE201	Circuit Analysis I	7
EEE261	Electromagnetics I	6
EEE291	Principles of Modern Physics and Elec.Materials	5
4.DÖNEM		
EEE202	Circuit Analysis II	7
EEE210	Microelectronic Devices	4
EEE242	Computer Tools for Electrical Engineering	6
EEE262	Electromagnetics II	6
5.DÖNEM		
EEE301	Signals and Systems-I	6
EEE311	Electronic Devices	7
EEE321	Electromechanical Energy Conversion I	6
EEE361	Lines, Fields and Waves	6
6.DÖNEM		
EEE312	Electronic Circuits	7
EEE322	Electromechanical Energy Conversion I	7
EEE340	Digital Design I	7
7.DÖNEM		
EEE4XX	5 Technical Electives	25
EEE499	Graduation Project	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
ME103	EEE100	ME240	EEE145	ME425	EEE352
EP105	EP103 VE EP107	Tech.Elective	EEE283	INF398	INF398
FE103	FE101	MATH255	EEE186	ME400	EEE400
LENG101	LENG101	MATH256	EEE285	Non-Tech.Elective	Non-Tech.Elective
MATH151	MATH151	HIST201	HIST201		
TDP101	TDP101	HIST202	HIST202		
TURK101	TURK101	Tech.Elective	Tech.Elective		
EP106	EP104 VE EP108				
LENG102	LENG102				
MATH152	MATH152				
TDP102	TDP102				
TURK102	TURK102				
ME108	EEE190				
Common Elec.	Common Elec.				

GIDA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1.ALMASI GEREKEN DERS VE KREDİ LİSTESİ

3.DÖNEM		AKTS
EEE201	Circuit Analysis I	7
EEE261	Electromagnetics I	6
EEE291	Principles of Modern Physics and Elec.Materials	5
4.DÖNEM		

EEE202	Circuit Analysis II	7
EEE210	Microelectronic Devices	4
EEE242	Computer Tools for Electrical Engineering	6
EEE262	Electromagnetics II	6
5.DÖNEM		
EEE301	Signals and Systems-1	6
EEE311	Electronic Devices	7
EEE321	Electromechanical Energy Conversion I	6
EEE361	Lines, Fields and Waves	6
6.DÖNEM		
EEE312	Electronic Circuits	7
EEE322	Electromechanical Energy Conversion I	7
EEE340	Digital Design I	7
7.DÖNEM		
EEE4XX	5 Technical Electives	25
EEE499	Graduation Project	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
FE113	EEE100	EEE241	EEE145	FE403	EEE352
EP116	EP103	FE243	EEE283	INF398	INF398
EP120	EP107	MATH256	EEE285	FE356	EEE186
FE111	FE101	HIST201	HIST201	FE400	EEE400
LENG101	LENG101	HIST202	HIST202	Non-Tech.Elective	Non-Tech.Elective
MATH151	MATH151	Tech.Elective	Tech.Elective		
TDP101	TDP101				
TURK101	TURK101				
FE132	EP104 VE EP108				
LENG102	LENG102				
MATH152	MATH152				
TDP102	TDP102				
TURK102	TURK102				
ME101	ME101				
Common Elec.	Common Elec.				

FİZİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN İLMASI GEREKEN DERS VE KREDİ LİSTESİ

3.DÖNEM		AKTS
EEE283	Probability and Random Variables	4
4.DÖNEM		
EEE202	Circuit Analysis II	7
EEE242	Computer Tools for Electrical Engineering	6
5.DÖNEM		

EEE301	Signals and Systems-I	6
EEE321	Electromechanical Energy Conversion I	6
EEE361	Lines, Fields and Waves	6
6.DÖNEM		
EEE312	Electronic Circuits	7
EEE322	Electromechanical Energy Conversion I	7
EEE340	Digital Design I	7
EEE352	Automatic Control Systems	6
7.DÖNEM		
EEE4XX	5 Technical Electives	25
EEE499	Graduation Project	5
		92

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
EP112	EEE100	EP241	EEE145	INF398	INF398
EP111	EP103	EP219	EEE285	EP325	EEE311
EP135	EP107	EP220	EEE186	EP466	EEE210
FE103	FE101	EP215	EEE201	EP400	EEE400
LENG101	LENG101	EP331	EEE261	Non-Tech.Elective	Non-Tech.Elective
MATH151	MATH151	EP332	EEE262		
TDP101	TDP101	EP201	EEE291		
TURK101	TURK101	HIST201	HIST201		
EP124	EP104	HIST202	HIST202		
EP136	EP108	Tech.Elective	Tech.Elective		
LENG102	LENG102				
MATH152	MATH152				
TDP102	TDP102				
TURK102	TURK102				
ME101	ME101				
Common Elec.	Common Elec.				

İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ

3.DÖNEM		AKTS
EEE201	Circuit Analysis I	7
EEE261	Electromagnetics I	6
EEE291	Principles of Modern Physics and Elec.Materials	5
4.DÖNEM		
EEE202	Circuit Analysis II	7
EEE210	Microelectronic Devices	4
EEE262	Electromagnetics II	6
5.DÖNEM		
EEE301	Signals and Systems-I	6
EEE311	Electronic Devices	7
EEE321	Electromechanical Energy Conversion I	6
EEE361	Lines, Fields and Waves	6
6.DÖNEM		
EEE312	Electronic Circuits	7
EEE322	Electromechanical Energy Conversion I	7

EEE340	Digital Design I	7
EEE352	Automatic Control Systems	6
7.DÖNEM		
EEE4XX	5 Technical Electives	25
EEE499	Graduation Project	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
CE100	EEE100	EEE209	EEE145	INF398	INF398
EP105	EP103 VE EP107	CE214	EEE283	CE400	EEE400
FE103	FE101	CE241	EEE242	Non-Tech.Elective	Non-Tech.Elective
LENG101	LENG101	MATH255	EEE186		
MATH151	MATH151	MATH256	EEE285		
TDP101	TDP101	HIST201	HIST201		
TURK101	TURK101	HIST202	HIST202		
EP106	EP104 VE EP108	Tech.Elective	Tech.Elective		
LENG102	LENG102				
MATH152	MATH152				
TDP102	TDP102				
TURK102	TURK102				
CE101	ME101				
Common Elec.	Common Elec.				

TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1.ALMASI GEREKEN DERS VE KREDİ LİSTESİ

3.DÖNEM		AKTS
EEE201	Circuit Analysis I	7
EEE261	Electromagnetics I	6
EEE291	Principles of Modern Physics and Elec.Materials	5
4.DÖNEM		
EEE202	Circuit Analysis II	7
EEE210	Microelectronic Devices	4
EEE242	Computer Tools for Electrical Engineering	6
EEE262	Electromagnetics II	6
5.DÖNEM		
EEE301	Signals and Systems-I	6
EEE311	Electronic Devices	7
EEE321	Electromechanical Energy Conversion I	6
EEE361	Lines, Fields and Waves	6
6.DÖNEM		
EEE312	Electronic Circuits	7
EEE322	Electromechanical Energy Conversion I	7
EEE340	Digital Design I	7
7.DÖNEM		
EEE4XX	5 Technical Electives	25
EEE499	Graduation Project	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
TE131	EEE100	TE241	EEE145	INF398	INF398
EP105	EP103 VE EP107	TE205	EEE283	TE400	EEE400
FE103	FE101	TE208	EEE190	Non-Tech.Elective	Non-Tech.Elective
LENG101	LENG101	MATH255	EEE186		
MATH151	MATH151	MATH256	EEE285		
TDP101	TDP101	HIST201	HIST201		
TURK101	TURK101	HIST202	HIST202		
EP106	EP104 VE EP108	Tech.Elective	Tech.Elective		
LENG102	LENG102				
MATH152	MATH152				
TDP102	TDP102				
TURK102	TURK102				
Common Elec.	Common Elec.				

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
İLMASI GEREKEN DERS VE KREDİ LİSTESİ

3.DÖNEM		AKTS
EEE201	Circuit Analysis I	7
EEE261	Electromagnetics I	6
EEE291	Principles of Modern Physics and Elec.Materials	5
4.DÖNEM		
EEE202	Circuit Analysis II	7
EEE210	Microelectronic Devices	4
EEE262	Electromagnetics II	6
5.DÖNEM		
EEE301	Signals and Systems-I	6
EEE311	Electronic Devices	7
EEE321	Electromechanical Energy Conversion I	6
EEE361	Lines, Fields and Waves	6
6.DÖNEM		
EEE312	Electronic Circuits	7
EEE322	Electromechanical Energy Conversion I	7
EEE340	Digital Design I	7
EEE352	Automatic Control Systems	6
7.DÖNEM		
EEE4XX	5 Technical Electives	25
EEE499	Graduation Project	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
IE143	EEE100	IE141	EEE145	INF398	INF398
EP105	EP103 VE EP107	IE142	EEE242	IE400	EEE400
FE103	FE101	IE205	EEE283	Non-Tech.Elective	Non-Tech.Elective
LENG101	LENG101	MATH255	EEE186		
MATH151	MATH151	MATH256	EEE285		
TDP101	TDP101	HIST201	HIST201		
TURK101	TURK101	HIST202	HIST202		
EP106	EP104 VE EP108	Tech.Elective	Tech.Elective		
LENG102	LENG102				
MATH152	MATH152				
TDP102	TDP102				
TURK102	TURK102				
ME101	ME101				
Common Elec.	Common Elec.				

OPTİK VE AKUSTİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ

3.DÖNEM		AKTS
EEE201	Circuit Analysis I	7
EEE261	Electromagnetics I	6
EEE291	Principles of Modern Physics and Elec.Materials	5
4.DÖNEM		
EEE202	Circuit Analysis II	7
EEE210	Microelectronic Devices	4
EEE262	Electromagnetics II	6
5.DÖNEM		
EEE301	Signals and Systems-I	6
EEE311	Electronic Devices	7
EEE321	Electromechanical Energy Conversion I	6
EEE361	Lines, Fields and Waves	6
6.DÖNEM		
EEE312	Electronic Circuits	7
EEE322	Electromechanical Energy Conversion I	7
EEE340	Digital Design I	7
EEE352	Automatic Control Systems	6
7.DÖNEM		
EEE4XX	5 Technical Electives	25
EEE499	Graduation Project	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
EP112	EEE100	OPAC112	EEE145	INF398	INF398
EP109	EP103 VE EP107	OPAC215	EEE242	OPAC400	EEE400
FE103	FE101	OPAC216	EEE283	Non-Tech.Elective	Non-Tech.Elective
LENG101	LENG101	OPAC209	EEE186		
MATH151	MATH151	OPAC209	EEE285		
TDP101	TDP101	HIST201	HIST201		
TURK101	TURK101	HIST202	HIST202		
EP110	EP104 VE EP108	Tech.Elective	Tech.Elective		
LENG102	LENG102				
MATH152	MATH152				
TDP102	TDP102				
TURK102	TURK102				
ME101	ME101				
Common Elec.	Common Elec.				

*****3- GIDA MÜHENDİSLİĞİ BÖLÜMÜ

ÇİFTANADAL YAPACAK MAKİNE ,ELEKTRİK-ELEKTRONİK, FİZİK, İNŞAAT, ENDÜSTRİ, TEKSTİL, OPTİK VE AKUSTİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALACAĞI DERSLER

3. DÖNEM		AKTS
FE 211	Analytical Chemistry	6
FE 221	Material and Eng. Balances	5
FE 271	Food Chemistry	6
4. DÖNEM		
FE 204	Gen. Microbiology	6
FE 218	Food Systems	4
5. DÖNEM		
FE 305	Food Microbiology	6
FE 311	Applied Kinetics of Bio. React.	4
FE 315	Inst. Analysis	6
	Elective	2
6. DÖNEM		
FE 322	Food Production Management	4
FE 356	Applied Mathematics in Food Eng.	4
FE 366	Food Engineering Design I	6
FE 376	Food Quality Control	5
FE 382	Food Operations I	5
FE 384	Food Operations II	5
7. DÖNEM		
FE 401	Food Technology	5
FE 403	Food Process Control	4
FE 411	Food Biotechnology	6
FE 467	Food Engineering Design II	6
FE 483	Food Operations Laboratory	5
FE 499	Graduation Project	2
	Elective	2
		104

GIDA MÜHENDİSLİĞİ BÖLÜMÜ
ÇİFTANADAL YAPACAK ÖĞRENCİLERİN MUAF TUTULACAĞI DERSLER

MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
ME240	EEE241	MATH255	FE243	ME372	FE301
FE103	FE111	MATH256	MATH256	ME304	FE321
LENG101	LENG101	HIST201	HIST201	İNF398	İNF398
MATH151	MATH151	Non-Technical Elective	Non-Technical Elective	ME400	FE400
ME113	ME101	ME203	FE212		
TURK101	TURK101	ME371	FE222		
TDP101	TDP101	ME204	FE224		
ME103	FE113	HIST202	HIST202		
EP106	EP116	ME299	FE299		
ME199	FE122	Non-Technical Elective	Non-Technical Elective		
ME215	FE132				
LENG102	LENG102				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Electice	Common Electice				

ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EEE145	EEE241	EEE283	FE243	EEE301	FE301
FE101	FE111	MATH256	MATH256	EEE361	FE321
LENG101	LENG101	HIST201	HIST201	İNF398	İNF398
MATH151	MATH151	Non-Technical Elective	Non-Technical Elective	EEF400	FE400
ME101	ME101	EEE270	FE212		
TURK101	TURK101	EEE285	FE222		
TDP101	TDP101	EEE210	FE224		
EEE100	FE113	HIST202	HIST202		
EP106	EP116	EEEE299	FE299		
EEE190	FE122	Non-Technical Elective	Non-Technical Elective		
EEE291	FE132				
LENG102	LENG102				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Electice	Common Electice				

İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
CE190	EEE241	CE214	FE243	CE323	FE301
FE103	FE111	MATH256	MATH256	CE373	FE321
LENG101	LENG101	HIST201	HIST201	İNF398	İNF398
MATH151	MATH151	Non-Technical Elective	Non-Technical Elective	CE400	FE400
ME101	ME101	CE203	FE212		
TURK101	TURK101	CE372	FE222		
TDP101	TDP101	CE222	FE224		
CE100	FE113	HIST202	HIST202		
EP106	EP116	CE244	FE299		
CE104	FE122	Non-Technical Elective	Non-Technical Elective		
CE241	FE132				
LENG102	LENG102				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Electice	Common Electice				

TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
TE241	EEE241	TE205	FE243	TE361	FE301
FE101	FE111	MATH256	MATH256	TE443	FE321
LENG101	LENG101	HIST201	HIST201	İNF398	İNF398
MATH151	MATH151	Non-Technical Elective	Non-Technical Elective	TE400	FE400
ME101	ME101	TE221	FE212		
TURK101	TURK101	TE232	FE222		
TDP101	TDP101	TE204	FE224		
TE131	FE113	HIST202	HIST202		
EP106	EP116	TE211	FE299		
TE120	FE122	Non-Technical Elective	Non-Technical Elective		
TE121	FE132				
LENG102	LENG102				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Electice	Common Electice				

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
IE141	EEE241	IE126	FE243	IE321	FE301
FE103	FE111	MATH256	MATH256	IE324	FE321
LENG101	LENG101	HIST201	HIST201	İN398	İN398
MATH151	MATH151	Non-Technical Elective	Non-Technical Elective	IE400	FE400
ME101	ME101	IE275	FE212		
TURK101	TURK101	IE210	FE222		
TDP101	TDP101	IE228	FE224		
IE143	FE113	HIST202	HIST202		
EP106	EP116	IE399	FE299		
IE161	FE122	Non-Technical Elective	Non-Technical Elective		
IE201	FE132				
LENG102	LENG102				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Electice	Common Electice				

FİZİK MÜHENDİSLİĞİ BÖLÜMÜ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP241	EEE241	EP348	FE243	EP364	FE301
FE103	FE111	MATH256	MATH256	EP353	FE321
LENG101	LENG101	HIST201	HIST201	İN398	İN398
MATH151	MATH151	Non-Technical Elective	Non-Technical Elective	EP400	FE400
ME101	ME101	EP291	FE212		
TURK101	TURK101	EP220	FE222		
TDP101	TDP101	EP252	FE224		
EP112	FE113	HIST202	HIST202		
EP135	EP116	EP399	FE299		
EP145	FE122	Non-Technical Elective	Non-Technical Elective		
EP222	FE132				
LENG102	LENG102				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Electice	Common Electice				

OPTİK VE AKUSTİK MÜHENDİSLİĞİ BÖLÜMÜ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
OPAC112	EEE241	OPAC201	FE243	OPAC301	FE301
FE103	FE111	MATH256	MATH256	OPAC305	FE321

LENG101	LENG101	HIST201	HIST201	İNF398	İNF398
MATH151	MATH151	Non-Technical Elective	Non-Technical Elective	OPAC400	FE400
OPAC108	ME101	OPAC202	FE212		
TURK101	TURK101	OPAC209	FE222		
TDP101	TDP101	OPAC208	FE224		
EP112	FE113	HIST202	HIST202		
EP110	EP116	OPAC199	FE299		
OPAC101	FE122	Non-Technical Elective	Non-Technical Elective		
OPAC103	FE132				
LENG102	LENG102				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Elective	Common Elective				

*****4. FİZİK MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI

OPTİK ve AKUSTİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1-ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
EP143	Heat	3
EP135	General Physics Lab 1	1
EP145	Introduction to Engineering	2
2.DÖNEM		
EP136	General Physics Lab 2	1
EP122	Measurement Techniques and Calibration	3
ME101	Engineering Graphics	4
3.DÖNEM		
EP201	Modern Physics	5
EP235	Physics Lab 1	1
4.DÖNEM		
EP208	Computational Methods in Physics	5
EP220	Mathematics for Engineers and Physicists-II	4
EP222	Material Science	5
5.DÖNEM		
EP341	Quantum Physics	4
EP335	Physics Lab 3	4
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
6.DÖNEM		
EP346	Nuclear Physics I	4
EP364	Solid State Physics I	4
EP336	Engineering Physics Lab 1	1
EP***	Technical Elective	5
EP***	Technical Elective	5
7.DÖNEM		
EP435	Engineering Physics Lab 2	1
Toplam ALMASI Gerekli AKTS		74

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP109	EP 111	OPAC205	EP215	OPAC307	EP331
MATH151	MATH151	OPAC209	EP219	OPAC304	EP343 (T.E.)
FE103	FE103	OPAC112	EP241	OPAC***	EP*** (T.E.)
LENG101	LENG101	OPAC206	EP232	OPAC***	EP*** (T.E.)
EP112	EP112	Non-T.E.	Non-T.E.	OPAC***	EP*** (T.E.)
TURK101	TURK101	HIST201	HIST201	OPAC***	EP*** (T.E.)
TDP101	TDP101	OPAC212	EP226	OPAC***	EP*** (T.E.)
OPAC101	EP118	OPAC214	EP236	OPAC***	EP*** (T.E.)
EP110	EP124	Non-T.E.	Non-T.E.	OPAC***	EP*** (T.E.)
MATH152	MATH152	OPAC305	EP338	INF398	INF398
LENG102	LENG102	HIST202	HIST202	OPAC499	EP499
TURK102	TURK102			OPAC399	EP399
COMMON ELECTİVE	COMMON ELECTİVE			OPAC400	EP400
TDP102	TDP102				

Not-1: Optik ve Akustik Mühendisliği Bölümü Öğrencileri kendi kataloglarındaki 7 (yedi) adet teknik seçmeli dersin dışında Fizik Mühendisliği Bölümü kataloğunda bulunan teknik seçmeli derslerden eş değer olmayanlardan yeteri kadar alarak en az 60 AKTS'lik ders almak zorundadır.

Not-2: Her iki bölümün kataloğunda mevcut olan bire bir eşdeğer teknik dersler, Optik ve Akustik Mühendisliği Bölümünde aşağıdaki seçmeli dersleri alan öğrenciler Fizik Mühendisliği Bölümünde eşdeğer seçmeli dersi almış kabul edilir.

EP ve OPAC ARASINDA EŞDEĞER SEÇMELİ DERSLER	
OPAC407 = EP383	
OPAC410 = EP227	
OPAC412 = EP312	
OPAC422 = EP486	
OPAC461 = EP339	
Not-3: Optik ve Akustik Mühendisliği bölümündeki tüm teknik seçmeli dersler Fizik Mühendisliği bölümünde teknik seçmeli eş değer ders olarak kabul edilir.	
Not-4: Fizik Mühendisliği bölümündeki aşağıdaki zorunlu ve teknik seçmeli dersler Optik ve Akustik Mühendisliği bölümünde teknik seçmeli eş değer ders olarak kabul edilir.	
EP201	EP334
EP208	EP339
EP211	EP341
EP216	EP353
EP225	EP364
EP252	EP415
EP268	EP426
EP301	EP463
EP314	EP466
EP319	EP467
EP324	EP485
EP326	EP486
EP332	

MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
EP135	General Physics Lab 1	1
EP145	Introduction to Engineering	2
2.DÖNEM		
EP136	General Physics Lab 2	1

EP118	Optics and Acoustics	3
3.DÖNEM		
EP201	Modern Physics	5
EP235	Physics Lab 1	1
4.DÖNEM		
EP208	Computational Methods in Physics	5
EP226	Electronics	5
EP236	Physics Lab 2	1
5.DÖNEM		
EP331	Electromagnetic Theory I	5
EP341	Quantum Physics	4
EP335	Physics Lab 3	4
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
6.DÖNEM		
EP346	Nuclear Physics I	4
EP364	Solid State Physics I	4
EP336	Engineering Physics Lab 1	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
7.DÖNEM		
EP435	Engineering Physics Lab 2	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		107

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP105	EP111	ME211	EP215	ME352	EP448 (T.E.)
ME371	EP143	MATH256	EP219	INF398	INF398
MATH151	MATH151	ME240	EP241	ME399	EP399
FE103	FE103	Non-T.E.	Non-T.E.	ME499	EP499
LENG101	LENG101	ME204	EP252 (T.E.)	ME400	EP400
ME103	EP112	HIST201	HIST201		
TURK101	TURK101	MATH255	EP220		
TDP101	TDP101	ME215	EP222		
EP106	EP124	Non-T.E.	Non-T.E.		
ME416	EP122	ME304	EP353 (T.E.)		
ME113	ME101	HIST202	HIST202		
MATH152	MATH152				
LENG102	LENG102				
TURK102	TURK102				
COMMON ELECTİVE	COMMON ELECTİVE				
TDP102	TDP102				

Not-1: Her iki bölümün kataloğunda mevcut olan birebir eşdeğer dersler. Makine Mühendisliği Bölümünde aşağıdaki seçmeli dersleri alan öğrenciler Fizik Mühendisliği Bölümünde bir seçmeli ders almış kabul edilir.

EP ve ME ARASINDA EŞDEĞER SEÇMELİ DERSLER
EP375 = ME444
EP384 = ME445
EP360 = ME470

Not-2: Makine Mühendisliği Bölümünde aşağıdaki zorunlu yada teknik seçmeli derslerden alan öğrenciler Fizik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

EP'de KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER
EP*** = ME216
EP*** = ME303
EP*** = ME307
EP*** = ME308
EP*** = ME371
EP*** = ME372
EP*** = ME408
EP*** = ME419
EP*** = ME429
EP*** = ME435
EP*** = ME444
EP*** = ME446
EP*** = ME471
EP*** = ME472
EP*** = ME498

ELEKTRİK ve ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
EP143	Heat	3
EP145	Introduction to Engineering	2
2.DÖNEM		
EP118	Optics and Acoustics	3
EP122	Measurement Techniques and Calibration	3
ME101*	Engineering Graphics	4
3.DÖNEM		
4.DÖNEM		
EP208	Computational Methods in Physics	5
EP222	Material Science	5
5.DÖNEM		
EP341	Quantum Physics	4
EP335	Physics Lab 3	1
6.DÖNEM		
EP346	Nuclear Physics I	4
EP364	Solid State Physics I	4
EP336	Engineering Physics Lab I	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
7.DÖNEM		
EP435	Engineering Physics Lab 2	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5

EP***	Technical Elective	5
EP***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		90

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP103	EP111	EEE291	EP201	EEE261	EP331
EP107	EP135	EEE201	EP215	EEE262	EP332 (T.E.)
MATH51	MATH151	EEE285	EP219	EEE312	EP326 (T.E.)
FE101	FE103	EEE145	EP241	EEE340	EP227 (T.E.)
LENG101	LENG101	EEE201	EP235	INF398	INF398
EEE100	EP112	Non-T.E.	Non-T.E.	EEE399	EP399
TURK101	TURK101	EEE202	EP225 (T.E.)	EEE499	EP499
TDP101	TDP101	HIST201	HIST201	EEE400	EP400
EP104	EP124	EEE186	EP220		
EP108	EP136	EEE311	EP226		
MATH152	MATH152	EEE311	EP236		
LENG102	LENG102	Non-T.E.	Non-T.E.		
TURK102	TURK102	EEE210	EP211 (T.E.)		
TDP102	TDP102	HIST202	HIST202		
COMMON ELECTİVE**	COMMON ELECTİVE**				

*Elektrik ve Elektronik Mühendisliği Bölümünde ME101 Engineering Graphics dersini alan öğrenciler ME101 dersinden muaf sayılacaktır.

Not-1: Her iki bölümün kataloğunda mevcut olan birebir eşdeğer dersler. Elektrik ve Elektronik Mühendisliği Bölümünde aşağıdaki seçmeli dersleri alan öğrenciler Fizik Mühendisliği Bölümünde bir seçmeli ders almış kabul edilir.

EP ve EEE ARASINDA EŞDEĞER SEÇMELİ DERSLER

EP334 = EEE447

EP486 = EEE342

EP485 = EEE410

EP312 = EEE417

Not-2: Elektrik ve Elektronik Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Fizik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

EP'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER

EP*** = ME204

EP*** = EEE404

EP*** = EEE412

EP*** = EEE431

EP*** = EEE432

Not-3: Elektrik ve Elektronik Mühendisliği Bölümü Öğrencileri her iki bölümün kataloğunda bulunan eşdeğer derslerin dışında Fizik Mühendisliği Bölümü kataloğunda bulunan eşdeğer sayılmayan teknik seçmeli derslerden en az dört tane almak zorundadır.

İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN 1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
EP143	Heat	3
EP135	General Physics Lab 1	1
2.DÖNEM		
EP118	Optics and Acoustics	3
EP136	General Physics Lab 2	1
EP122	Measurement Techniques and Calibration	3
3.DÖNEM		
EP201	Modern Physics	5
EP215	Circuit Analysis	5
EP235	Physics Lab 1	1
4.DÖNEM		
EP208	Computational Methods in Physics	5
EP226	Electronics	5
EP236	Physics Lab 2	1
5.DÖNEM		
EP331	Electromagnetic Theory I	5
EP341	Quantum Physics	4
EP335	Physics Lab 3	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
6.DÖNEM		
EP346	Nuclear Physics I	4
EP364	Solid State Physics I	4
EP336	Engineering Physics Lab 1	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
7.DÖNEM		
EP435	Engineering Physics Lab 2	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP399	Summer Practice	2
Toplam ALMASI Gerekli AKTS		120

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP105	EP111	MATH256	EP219	INF398	INF398

CE100	EP145	CE209	EP241	CE499	EP399
MATH151	MATH151	Non-T.E.	Non-T.E.	CE400	EP400
FE103	FE103	CE122	EP214 (T.E.)		
LENG101	LENG101	HIST201	HIST201		
ME103	EP112	MATH255	EP220		
TURK101	TURK101	CE241	EP222		
TDP101	TDP101	Non-T.E.	Non-T.E.		
EP106	EP124	CE231	EP301 (T.E.)		
CE101	ME101	HIST202	HIST202		
MATH152	MATH152				
LENG102	LENG102				
TURK102	TURK102				
COMMON ELECTİVE	COMMON ELECTİVE				
TDP102	TDP102				

Not-1: Her iki bölümün katalogunda mevcut olan eşdeğer dersler. İnşaat Mühendisliği Bölümünde aşağıdaki seçmeli dersleri alan öğrenciler Fizik Mühendisliği Bölümünde bir seçmeli ders almış kabul edilir.

EP ve CE ARASINDA EŞDEĞER SEÇMELİ DERSLER

EP384 = CE439

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
EP143	Heat	3
EP135	General Physics Lab 1	1
2.DÖNEM		
EP118	Optics and Acoustics	3
EP136	General Physics Lab 2	1
EP122	Measurement Techniques and Calibration	3
3.DÖNEM		
EP201	Modern Physics	5
EP215	Circuit Analysis	5
EP235	Physics Lab 1	1
4.DÖNEM		
EP208	Computational Methods in Physics	5
EP226	Electronics	5
EP236	Physics Lab 2	1
5.DÖNEM		
EP331	Electromagnetic Theory I	5
EP341	Quantum Physics	4
EP335	Physics Lab 3	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
6.DÖNEM		
EP346	Nuclear Physics I	4

EP364	Solid State Physics I	4
EP336	Engineering Physics Lab 1	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
7.DÖNEM		
EP435	Engineering Physics Lab 2	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		118

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP105	EP111	MATH256	EP219	INF398	INF398
IE161	EP145	IE241	EP241	ME399	EP399
MATH151	MATH151	Non-T.E.	Non-T.E.	ME499	EP499
FE103	FE103	IE221	EP301 (T.E.)	ME400	EP400
LENG101	LENG101	HIST201	HIST201		
ME103	EP112	MATH255	EP220		
TURK101	TURK101	ME215	EP222		
TDP101	TDP101	Non-T.E.	Non-T.E.		
EP106	EP124	IE275	EP202 (T.E.)		
ME101	ME101	HIST202	HIST202		
MATH152	MATH152				
LENG102	LENG102				
TURK102	TURK102				
COMMON ELECTIVE	COMMON ELECTIVE				
TDP102	TDP102				

Not-1: Endüstri Mühendisliği Bölümünde IE365 Engineering Metrology dersini alan öğrenciler bu dersten muaf sayılacaktır.

Not-2: Her iki bölümün kataloğunda mevcut olan eşdeğer dersler. Endüstri Mühendisliği Bölümünde aşağıdaki seçmeli dersleri alan öğrenciler Fizik Mühendisliği Bölümünde bir seçmeli ders almış kabul edilir.

EP ve IE ARASINDA EŞDEĞER SEÇMELİ DERSLER

EP252 = IE351

EP301 = IE377

TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
EP135	General Physics Lab 1	1
EP145	Introduction to Engineering	2

2.DÖNEM		
EP118	Optics and Acoustics	3
EP136	General Physics Lab 2	1
EP122	Measurement Techniques and Calibration	3
3.DÖNEM		
EP201	Modern Physics	5
EP215	Circuit Analysis	5
EP235	Physics Lab 1	1
4.DÖNEM		
EP208	Computational Methods in Physics	5
EP226	Electronics	5
EP236	Physics Lab 2	1
5.DÖNEM		
EP331	Electromagnetic Theory I	5
EP341	Quantum Physics	4
EP335	Physics Lab 3	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
6.DÖNEM		
EP346	Nuclear Physics I	4
EP364	Solid State Physics I	4
EP336	Engineering Physics Lab 1	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
7.DÖNEM		
EP435	Engineering Physics Lab 2	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP105	EP111	MATH256	EP219	INF398	INF398

TE232	EP143	TE241	EP241	TE398	EP399
MATH151	MATH151	Non-T.E.	Non-T.E.	TE498	EP499
FE103	FE103	TE204	EP252 (T.E.)	TE400	EP400
LENG101	LENG101	HIST201	HIST201		
TE131	EP112	MATH255	EP220		
TURK101	TURK101	TE224	EP222		
TDP101	TDP101	Non-T.E.	Non-T.E.		
EP106	EP124	TE205	EP348 (T.E.)		
ME101	ME101	HIST202	HIST202		
MATH152	MATH152				
LENG102	LENG102				
TURK102	TURK102				
COMMON ELECTİVE	COMMON ELECTİVE				
TDP102	TDP102				

Not-1: Her iki bölümün katalogunda mevcut olan eşdeğer dersler. Tekstil Mühendisliği Bölümünde aşağıdaki seçmeli dersleri alan öğrenciler Fizik Mühendisliği Bölümünde bir seçmeli ders almış kabul edilir.

EP ve TE ARASINDA EŞDEĞER SEÇMELİ DERSLER

EP353 = TE443

EP301 = TE456

Not-2: Tekstil Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Fizik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

EP'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER

EP*** = TE423

EP*** = TE424

EP*** = TE451

GIDA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
2.DÖNEM		
EP118	Optics and Acoustics	3
EP122	Measurement Techniques and Calibration	3
3.DÖNEM		
EP201	Modern Physics	5
EP215	Circuit Analysis	5
EP235	Physics Lab 1	1
4.DÖNEM		
EP208	Computational Methods in Physics	5
EP220	Mathematics for Engineers and Physicists-II	4
EP222	Material Science	5
EP226	Electronics	5
EP236	Physics Lab 2	1
5.DÖNEM		
EP331	Electromagnetic Theory I	5
EP34I	Quantum Physics	4
EP335	Physics Lab 3	1
EP***	Technical Elective	5

EP***	Technical Elective	5
EP***	Technical Elective	5
6.DÖNEM		
EP346	Nuclear Physics I	4
EP364	Solid State Physics I	4
EP336	Engineering Physics Lab 1	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
7.DÖNEM		
EP435	Engineering Physics Lab 2	1
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
EP***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP116	EP111	MATH256	EP219	FE231	EP353 (T.E.)
FE222	EP143	EEF241	EP241	INF398	INF398
EP120	EP135	Non.T.E.	Non.T.E.	FE299	EP399
FE122	EP145	FE224	EP252 (T.E.)	FE499	EP499
MATH151	MATH151	HIST201	HIST201	FE400	EP400
FE103	FE103	Non.T.E.	Non.T.E.		
LENG101	LENG101	FE243	EP348 (T.E.)		
FE113	EP112	HIST202	HIST202		
TURK101	TURK101				
TDP101	TDP101				
EP116	EP124				
EP120	EP136				
ME101	ME101				
MATH152	MATH152				
LENG102	LENG102				
TURK102	TURK102				
COMMON ELECTIVE	COMMON ELECTIVE				
TDP102	TDP102				

Not-1: Her iki bölümün kataloğunda mevcut olan eşdeğer dersler. Gıda Mühendisliği Bölümünde aşağıdaki seçmeli dersleri alan öğrenciler Fizik Mühendisliği Bölümünde bir seçmeli ders almış kabul edilir.

EP ve FE ARASINDA EŞDEĞER SEÇMELİ DERSLER

EP426 = FE315

*****5. İNŞAAT MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI
FİZİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
I. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
CE 101	Civil Engineering Drawing	5
2.DÖNEM		
CE 104	Introduction to Civil Engineering	1
CE 122	Statics	5
3.DÖNEM		
CE 203	Land Surveying	5
CE 223	Solid Mechanics	5
CE 231	Civil Engineering Economy	4
4.DÖNEM		
CE 244	Materials of Construction	5
CE 222	Dynamics	5
CE 262	Introduction to Soil Mechanics	5
CE272	Fluid Mechanics	5
5.DÖNEM		
CE 323	Structural Mechanics	5
CE 331	Construction Eng. and Management	5
CE 351	Transportation and Traffic Eng.	6
CE 361	Soil Mechanics	6
CE 373	Engineering Hydraulics	5
6.DÖNEM		
CE 352	Highway Engineering	5
CE 364	Foundation Engineering I	5
CE 374	Engineering Hydrology	5
CE 382	Steel Structures	5
CE 384	Structural Analysis I	6
7.DÖNEM		
CE 471	Design of Hydraulic Structures	5
CE 481	Reinforced Concrete Theory	5
CE 486	Structural Design	5
CE 499	Civil Engineering Design	5
		118

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP112	CE 100	EP241	CE 209	Non-Technical Elective	Non-Technical Elective
EP111	EP 105	EP222	CE 241	Non-Technical Elective	Non-Technical Elective
Com.Elec.	Common Elec.	HIST 201	HIST 201	Technical Elective	Technical Elective
Technical Elective	CE 164	EP220	MATH 255	Technical Elective	Technical Elective
EP124	EP 106	Technical Elective	CE214	INF 398	INF 398
L.ENG102	L.Eng. 102	HIST 202	HIST 202	EP 400	CE 400
MATH 152	MATH 152	EP219	MATH 256		
TDP 102	TDP 102				
TURK 102	TURK 102				
L.ENG 101	L.ENG 101				
MATH 151	MATH 151				
FE 103	FE 103				
TURK 102	TURK 102				
TDP 101	TDP 101				

MAKİNA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

2.DÖNEM		AKTS
CE 104	Introduction to Civil Engineering	1
CE 164	Geology for Civil Engineers	4
3.DÖNEM		
CE 203	Land Surveying	5
CE 231	Civil Engineering Economy	4
4.DÖNEM		
CE 214	Statics for Civil Engineers	4
CE 244	Materials of Construction	5
CE 262	Introduction to Soil Mechanics	5
5.DÖNEM		
CE 323	Structural Mechanics	5
CE 331	Construction Eng. and Management	5
CE 351	Transportation and Traffic Eng	6
CE 361	Soil Mechanics	6
CE 373	Engineering Hydraulics	5
6.DÖNEM		
CE 352	Highway Engineering	5
CE 364	Foundation Engineering I	5
CE 374	Engineering Hydrology	5
CE 382	Steel Structures	5
CE 384	Structural Analysis I	6
7.DÖNEM		
CE 471	Design of Hydraulic Structures	5
CE 481	Reinforced Concrete Theory	5
CE 486	Structural Design	5
CE 499	Civil Engineering Design	5
	2 Technical Electives	10
		111

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
ME 103	CE 100	ME 240	CE 209	ME 371	CE272
ME 113	CE 101	ME 223	CE 223	INF398	INF398
EP 105	EP 105	ME 215	CE 241	ME400	CE400
FE 103	FE 103	IIIST 201	IIIST 201	Non Technical Elective	Non Technical Elective
L.Eng 101	L.Eng. 101	Math 255	MATH 255	Non Technical Elective	Non Technical Elective
MATH 151	MATH 151	ME 208	CE 222		
TDP 101	TDP 101	HIST 202	HIST 202		
TURK 101	TURK 101	Math 256	Math256		
Common Elec.	Common Elec.				
ME 108	CE 122				
EP 106	EP 106				
L.Eng 102	L.Eng. 102				
Math 152	MATH 152				
TDP 102	TDP 102				
TURK 102	TURK 102				

GIDA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

2.DÖNEM		AKTS
CE 104	Introduction to Civil Engineering	1
CE 122	Statics	5
CE 164	Geology for Civil Engineers	4
3.DÖNEM		
CE 203	Land Surveying	5
CE 223	Solid Mechanics	5
CE 231	Civil Engineering Economy	4
CE 241	Material Science	5
4.DÖNEM		
CE 222	Dynamics	5
CE 244	Materials of Construction	5
CE 262	Introduction to Soil Mechanics	5
5.DÖNEM		
CE 323	Structural Mechanics	5
CE 331	Construction Eng. and Management	5
CE 351	Transportation and Traffic Eng	6
CE 361	Soil Mechanics	6
CE 373	Engineering Hydraulics	5
6.DÖNEM		
CE 352	Highway Engineering	5
CE 364	Foundation Engineering I	5
CE 374	Engineering Hydrology	5
CE 382	Steel Structures	5
CE 384	Structural Analysis I	6
7.DÖNEM		
CE 471	Design of Hydraulic Structures	5
CE 481	Reinforced Concrete Theory	5
CE 486	Structural Design	5
CE 499	Civil Engineering Design	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
FE 113	CE 100	EEE 241	CE 209	INF398	INF398
ME 101	CE 101	HIST 201	HIST 201	FE400	CE400
EP 116	EP 105	FE 243	CE 214	Non Technical Elective	Non Technical Elective
FE 111	FE 103	FE 222	CE272	Non Technical Elective	Non Technical Elective
L.Eng. 101	L.Eng. 101	HIST 202	HIST 202	FE301	Technical Elec.
MATH 151	MATH 151	MATH 256	MATH 256	FE321	Technical elec.
TDP 101	TDP 101			FE 356	MATH 255
TURK 101	TURK 101				
Common Elec.	Common Elec.				
EP 116	EP 106				
L.Eng. 102	L.Eng. 102				
MATH 152	MATH 152				
TDP 102	TDP 102				
TURK 102	TURK 102				

TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

I. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

2.DÖNEM		AKTS
CE 104	Introduction to Civil Engineering	1
CE 164	Geology for Civil Engineers	4
3.DÖNEM		
CE 203	Land Surveying	5
CE 223	Solid Mechanics	5
CE 231	Civil Engineering Economy	4
CE 241	Material Science	5
4.DÖNEM		
CE 244	Materials of Construction	5
CE 262	Introduction to Soil Mechanics	5
5.DÖNEM		
CE 323	Structural Mechanics	5
CE 331	Construction Eng. and Management	5
CE 351	Transportation and Traffic Eng	6
CE 361	Soil Mechanics	6
CE 373	Engineering Hydraulics	5
6.DÖNEM		
CE 352	Highway Engineering	5
CE 364	Foundation Engineering I	5
CE 374	Engineering Hydrology	5
CE 382	Steel Structures	5
CE 384	Structural Analysis I	6
7.DÖNEM		
CE 471	Design of Hydraulic Structures	5
CE 481	Reinforced Concrete Theory	5
CE 486	Structural Design	5
CE 499	Civil Engineering Design	5
	2 Technical Electives	10
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
TE 131	CE 100	TE 241	CE 209	Non-Technical Elective	Non-Technical Elective
ME 101	CE 101	HIST 201	IIIST 201	Non-Technical Elective	Non-Technical Elective
EP 105	EP 105	MATH 255	MATH 255	INF 398	INF 398
FE 101	FE 103	TE 205	CE 214	TE 400	CE 400
L.Eng 101	L.Eng. 101	TE 204	CE 222		
MATH 151	MATH 151	TE 232	CE272		
TDP 101	TDP 101	IIIST 202	HIST 202		
TURK 101	TURK 101	MATH 256	MATH 256		
Common Elective	Common Elective	TE 208	CE 122		
EP 106	EP 106				
L.Eng 102	L.Eng. 102				
MATH 152	MATH 152				
TDP 102	TDP 102				
TURK 102	TURK 102				

OPTİK VE AKUSTİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

2.DÖNEM		AKTS
CE 104	Introduction to Civil Engineering	1
CE 122	Statics	5
CE 164	Geology for Civil Engineers	4
3.DÖNEM		
CE 203	Land Surveying	5
CE 223	Solid Mechanics	5
CE 231	Civil Engineering Economy	4
CE 241	Material Science	5
4.DÖNEM		
CE 222	Dynamics	5
CE 244	Materials of Construction	5
CE 262	Introduction to Soil Mechanics	5
CE 272	Fluid Mechanics	5
5.DÖNEM		
CE 323	Structural Mechanics	5
CE 351	Transportation and Traffic Eng	6
CE 361	Soil Mechanics	6
CE 373	Engineering Hydraulics	5
6.DÖNEM		
CE 352	Highway Engineering	5
CE 364	Foundation Engineering I	5
CE 374	Engineering Hydrology	5
CE 382	Steel Structures	5
CE 384	Structural Analysis I	6
7.DÖNEM		
CE 471	Design of Hydraulic Structures	5
CE 481	Reinforced Concrete Theory	5
CE 486	Structural Design	5
CE 499	Civil Engineering Design	5
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP112	CE 100	Technical Elective	CE 231	Non-Technical Elective	Non-Technical Elective
OPAC108	CE 101	HIST 201	HIST 201	Non-Technical Elective	Non-Technical Elective
EP109	EP 105	Technical Elective	MATH 255	Technical Elec.	Technical Elec.
FE103	FE 103	OPAC209	CE 214	Technical Elec.	Technical Elec.
LENG101	L.Eng. 101	HIST202	HIST 202	Technical Elec.	CE 331
MATH151	MATH 151	Technical Elective	MATH 256	INF 398	INF 398
TDP101	TDP 101			OPAC 400	CE 400
TURK 101	TURK 101				
Common Elec.	Common Elec.				
EP110	EP 106				
LENG102	L.Eng. 102				
MATH152	MATH 152				
TDP 102	TDP 102				
TURK102	TURK 102				

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

2.DÖNEM		AKTS
CE 104	Introduction to Civil Engineering	1
CE 122	Statics	5
CE 164	Geology for Civil Engineers	4
3.DÖNEM		
CE 203	Land Surveying	5
CE 223	Solid Mechanics	5
4.DÖNEM		
CE 222	Dynamics	5
CE 244	Materials of Construction	5
CE 262	Introduction to Soil Mechanics	5
CE 272	Fluid Mechanics	5
5.DÖNEM		
CE 323	Structural Mechanics	5
CE 351	Transportation and Traffic Eng	6
CE 361	Soil Mechanics	6
CE 373	Engineering Hydraulics	5
6.DÖNEM		
CE 352	Highway Engineering	5
CE 364	Foundation Engineering I	5
CE 374	Engineering Hydrology	5
CE 382	Steel Structures	5
CE 384	Structural Analysis I	6
7.DÖNEM		
CE 471	Design of Hydraulic Structures	5
CE 481	Reinforced Concrete Theory	5
CE 486	Structural Design	5
CE 499	Civil Engineering Design	5
	2 Technical Electives	10
		118

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
IE143	CE 100	IE222	CE231	Non-Technical Elective	Non-Technical Elective
EP105	EP 105	ME215	CE 241	Non-Technical Elective	Non-Technical Elective
FE103	FE 103	HIST201	HIST 201	IE 327	CE 331
L.Eng.101	L.Eng. 101	MATH255	MATH 255	INF 398	INF 398
MATH151	MATH 151	IE226	CE 214	IE 400	CE 400
TDP101	TDP 101	HIST202	HIST 202		
TURK 101	TURK 101	MATH256	MATH 256		
Common Elective	Common Elective				
EP106	EP 106				
L.Eng. 102	L.Eng. 102				
MATH152	MATH 152				
TDP 102	TDP 102				
TURK 102	TURK 102				
IE 141	CE 209				
ME 101	CE 101				

*****6. ENDÜSTRİ MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI

ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Ders Kodu	Ders Adı	AKTS
1. SEMESTER		
IE161	Introduction to Industrial Engineering	3
2. SEMESTER		
ME101	Engineering Graphics I	4
IE178	Technical and Professional Composition	3
3. SEMESTER		
IE201	Introduction to Manufacturing Processes	6
IE221	Principles of Economics I	4
IE275	Science, Technology and Society	4
4. SEMESTER		
IE210	Int. to Sys. and Math. Modeling for Industrial Eng.	5
IE222	Principles of Economics II	4
IE226	Introduction to Statistics	5
IE228	Work Analysis and Design	5
5. SEMESTER		
IE321	Operations Research I	5
IE323	Industrial Design and Human Factors	5
IE325	Operations Management	4
IE327	Management for Engineers	5
1 adet	Elective Course	4
6. SEMESTER		
IE322	Operations Research II	5
IE324	Production Planning	4
IE326	Simulation	5
IE328	Management Information Systems	4
1 adet	Elective Course	4
7. SEMESTER		
IE403	Quality Planning and Control	5
IE421	Facilities Design and Planning	5
IE425	Engineering Economy and Cost Analysis	5
IE435	New Product-Service & Business Development	4
IE437	Technology Management	4
IE499	Graduation Project	5
TOPLAM	116	

MUAF TUTULAN DERS VE KREDİ LİSTESİ

I. SINIF DERSLERİ		II. SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EEE145	IE141	EEE283	IE205	EEE321	Elective Course
EEE100	IE143	EEE186	MATH255	INF 398	INF 398
EP103	EP105	EEE291	ME215	EEE400	IE400
FE101	FE103	HIST100	HIST201	MF300	Non-Technical Elective
LENG101	L.Eng.101	EEE242	IE218	Non-Technical Elective	Non-Technical Elective
MATH151	MATH151	EEE285	MATH256	EEE352	Elective Course
TURK100	TURK101	HIST200	HIST202		
TDP101	TDP101				

EEE145	IE142				
EP108	EP106				
LENG102	L.Eng.102				
MATH152	MATH152				
TURK200	TURK200				
TDP102	TDP102				

FİZİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Ders Kodu	Ders Adı	AKTS
1. SEMESTER		
IE161	Introduction to Industrial Engineering	3
2. SEMESTER		
IE178	Technical and Professional Composition	3
3. SEMESTER		
IE201	Introduction to Manufacturing Processes	6
IE221	Principles of Economics I	4
IE275	Science, Technology and Society	4
IE205	Introduction to Probability	5
4. SEMESTER		
IE210	Int. to Sys. and Math. Modeling for Industrial Eng.	5
IE218	Database Management	5
IE222	Principles of Economics II	4
IE226	Introduction to Statistics	5
IE228	Work Analysis and Design	5
5. SEMESTER		
IE321	Operations Research I	5
IE323	Industrial Design and Human Factors	5
IE325	Operations Management	4
IE327	Management for Engineers	5
6. SEMESTER		
IE322	Operations Research II	5
IE324	Production Planning	4
IE326	Simulation	5
IE328	Management Information Systems	4
1 adet	Elective Course	4
7. SEMESTER		
IE403	Quality Planning and Control	5
IE421	Facilities Design and Planning	5
IE425	Engineering Economy and Cost Analysis	5
IE435	New Product-Service & Business Development	4
IE437	Technology Management	4
IE499	Graduation Project	5
TOPLAM		118

MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP241	IE141	EP220	MATH255	Non-Technical Elective II	Non-Technical Elective
EP112	IE143	EP222	ME215	INF398	INF398
EP201	EP105	HIST201	HIST201	EP400	IE400
FE103	FE103	EP219	MATH256	Non-Technical Elective I	Non-Technical Elective
LENG101	L.Eng.101	HIST202	HIST202	Technical Elective Course	Elective Course
MATH151	MATH151			Technical Elective Course	Elective Course
TURK101	TURK101			EP341	Elective Course
TDP101	TDP101				
EP241	IE142				
EP208	EP106				
LENG102	L.Eng.102				
MATH152	MATH152				
ME101	ME101				
TURK102	TURK102				
TDP102	TDP102				
Common Elective	Common Elective				

**İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ**

Ders Kodu	Ders Adı	AKTS
1. SEMESTER		
IE161	Introduction to Industrial Engineering	3
2. SEMESTER		
IE142	Computer Programming II	3
IE178	Technical and Professional Composition	3
3. SEMESTER		
IE201	Introduction to Manufacturing Processes	6
IE221	Principles of Economics I	4
IE275	Science, Technology and Society	4
4. SEMESTER		
IE210	Int.to Sys. and Math. Modeling for Industrial Eng.	5
IE218	Database Management	5
IE222	Principles of Economics II	4
IE228	Work Analysis and Design	5
IE226	Introduction to Statistics	5
5. SEMESTER		

IE321	Operations Research I	5
IE323	Industrial Design and Human Factors	5
IE325	Operations Management	4
IE327	Management for Engineers	5
1 adet	Elective Course	4
6. SEMESTER		
IE322	Operations Research II	5
IE324	Production Planning	4
IE326	Simulation	5
IE328	Management Information Systems	4
1 adet	Elective Course	4
7. SEMESTER		
IE403	Quality Planning and Control	5
IE421	Facilities Design and Planning	5
IE435	New Product-Service&Business Development	4
IE437	Technology Management	4
IE499	Graduation Project	5
IE399	Summer Practice	2
8. SEMESTER		
TOPLAM		117

MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
CE209	IE141	CE214	IE205	Non-Technical Elective	Non-Technical Elective
CE100	IE143	MATH255	MATH255	Non-Technical Elective	Non-Technical Elective
EP105	EP105	CE241	ME215	İNF 398	İNF 398
FE103	FE103	HIST201	HIST201	CE231	IE425
LENG101	L.Eng.101	MATH256	MATH256	CEO400	IE400
MATH151	MATH151	HIST202	HIST202	CE222	Elective Course
TURK101	TURK101			CE351	Elective Course
TDP101	TDP101				
EP106	EP106				
LENG102	LENG102				
MATH152	MATH152				
CE101	CE101				
TURK102	TURK102				
TDP102	TDP102				
Common Elective	Common Elective				

MAKİNA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Ders Kodu	Ders Adı	AKTS
1. SEMESTER		
IE161	Introduction to Industrial Engineering	3
2. SEMESTER		
IE178	Technical and Professional Composition	3
3. SEMESTER		
IE221	Principles of Economics I	4
IE275	Science, Technology and Society	4
IE205	Introduction to Probability	5
4. SEMESTER		
IE210	Int.to Sys. and Math. Modeling for Industrial Eng.	5

IE218	Database Management	5
IE222	Principles of Economics II	4
IE226	Introduction to Statistics	5
IE228	Work Analysis and Design	5
5. SEMESTER		
IE321	Operations Research I	5
IE323	Industrial Design and Human Factors	5
IE325	Operations Management	4
IE327	Management for Engineers	5
6. SEMESTER		
IE322	Operations Research II	5
IE324	Production Planning	4
IE326	Simulation	5
IE328	Management Information Systems	4
2 adet	Elective Course	8
7. SEMESTER		
IE403	Quality Planning and Control	5
IE421	Facilities Design and Planning	5
IE425	Engineering Economy and Cost Analysis	5
IE435	New Product-Service & Business Development	4
IE437	Technology Management	4
IE499	Graduation Project	5
TOPLAM		116

MUAF TUTULAN DERS VE KREDİ LİSTESİ

I. SINIF DERSLERİ		II. SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
ME240	IE141	ME203	IE201	Non-Technical Elective	Non-Technical Elective
ME205	IE143	MATH255	MATH255	ME208	Elective Course
EP105	EP105	ME215	ME215	ME304	Elective Course
FE103	FE103	HIST200	HIST201	Non-Technical Elective	Non-Technical Elective
LENG101	L.Eng.101	MATH256	MATH256	INF 398	INF 398
MATH151	MATH151	HIST201	HIST202	ME 400	IE400
TURK100	TURK101				
TDP101	TDP101				
ME240	IE142				
EP106	EP106				
LENG102	L.Eng.102				
MATH152	MATH152				
ME113	ME101				
TURK101	TURK102				
TDP102	TDP102				
Common Elective	Common Elective				

TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Ders Kodu	Ders Adı	AKTS
I. SEMESTER		
IE161	Introduction to Industrial Engineering	3

2.SEMESTER		
IE178	Technical and Profesional Composition	3
3. SEMESTER		
ME215	Engineering Materials I	5
IE201	Introduction to Manufacturing Processes	6
IE221	Principles of Economics I	4
IE275	Science, Technology and Society	4
4. SEMESTER		
IE210	Int.to Sys. and Math. Modeling for Industrial Eng.	5
IE218	Database Management	5
IE222	Principles of Economics II	4
IE226	Introduction to Statistics	5
IE228	Work Analysis and Design	5
5. SEMESTER		
IE321	Operations Research I	5
IE323	Industrial Design and Human Factors	5
IE325	Operations Management	4
IE327	Management for Engineers	5
6. SEMESTER		
IE322	Operations Research II	5
IE324	Production Planning	4
IE326	Simulation	5
IE328	Management Information Systems	4
1 adet	Elective Course	4
7. SEMESTER		
IE403	Quality Planning and Control	5
IE421	Facilities Design and Planning	5
IE425	Engineering Economy and Cost Analysis	5
IE435	New Product-Service & Business Development	4
IE437	Technology Management	4
IE499	Graduation Project	5
IE399	Summer Practice	2
8. SEMESTER		
TOPLAM		120

MUAF TUTULAN DERS VE KREDİ LİSTESİ

I. SINIF DERSLERİ		II. SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
TE241	IE141	TE205	IE205	Non-Technical Elective	Non-Technical Elective
TE131	IE143	MATH255	MATH255	Elective Course	Elective Course
EP105	EP105	HIST201	HIST201	Elective Course	Elective Course
FE101	FE103	MATH256	MATH256	Non-Technical Elective	Non-Technical Elective
LENG101	L.Eng.101	HIST202	HIST202	İNF398	İNF398
MATH151	MATH151			TEO400	IE400
TURK101	TURK101			TE332	Elective Course
TDP101	TDP101				
TE241	IE142				
EP106	EP106				
LENG102	L.Eng.102				
MATH152	MATH152				
ME101	ME101				
TURK102	TURK102				

TDP102	TDP102				
Common Elective	Common Elective				

GIDA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Ders Kodu	Ders Adı	AKTS
1. SEMESTER		
IE161	Introduction to Industrial Engineering	3
2. SEMESTER		
IE142	Computer Programing II	3
IE178	Technical and Profesional Composition	3
3. SEMESTER		
IE201	Introduction to Manufacturing Processes	6
IE205	Introduction to Probability	5
MATH255	Linear Algebra	4
IE221	Principles of Economics I	4
IE275	Science, Technology and Society	4
4. SEMESTER		
IE210	Int.to Sys. and Math.Modeling for Industrial Eng.	5
IE218	Database Management	5
IE222	Principles of Economics II	4
IE228	Work Analysis and Design	5
5. SEMESTER		
IE321	Operations Research I	5
IE323	Industrial Design and Human Factors	5
IE327	Management for Engineers	5
6. SEMESTER		
IE322	Operations Research II	5
IE324	Production Planning	4
IE326	Simulation	5
IE328	Management Information Systems	4
1 adet	Elective Course	4
7. SEMESTER		
IE421	Facilities Design and Planning	5
IE425	Engineering Economy and Cost Analysis	5
IE435	New Product-Service&Business Development	4
IE437	Technology Management	4
IE499	Graduation Project	5
TOPLAM		111

MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EEF241	IE141	FE243	IE226	FE322	IE325
FE113	IE143	MATH256	MATH256	Non-Technical Elective	Non-Technical Elective
EP116	EP105	HIST202	HIST202	FE224	Elective Course
FE111	FE103	FE221	ME215	Non-Technical Elective	Non-Technical Elective
LENG101	L.Eng.101	HIST201	HIST201	FE218	Elective Course
MATH151	MATH151			INF 398	INF 398

TURK 101	TURK101			FE376	IE403
TDP101	TDP101			FE400	IE400
LENG102	L.Eng.102			FE382	Elective Course
MATH152	MATH152			FE299	IE399
ME101	ME101				
TURK102	TURK102				
TDP102	TDP102				
LENG102	L.Eng.102				
Common Elective	Common Elective				
EP116	EP106				

**OPTİK VE AKUSTİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ**

DersKodu	DersAdı	AKTS
1. SEMESTER		
IE161	Introduction to Industrial Engineering	3
2. SEMESTER		
IE178	Technical and Profesional Composition	3
3. SEMESTER		
IE201	Introduction to Manufacturing Processes	6
IE205	Introduction to Probability	5
MATH255	Differential Equations	4
IE221	Principles of Economics I	4
IE275	Science, Technology and Society	4
4. SEMESTER		
IE210	Int.to Sys. and Math.Modeling for Industrial Eng.	5
IE218	Database Management	5
IE222	Principles of Economics II	4
IE226	Introduction to Statistics	5
IE228	Work Analysis and Design	5
5. SEMESTER		
IE321	Operations Research I	5
IE323	Industrial Design and Human Factors	5
IE327	Management for Engineers	5
IE325	Operations Management	4
6. SEMESTER		
IE322	Operations Research II	5
IE324	Production Planning	4
IE326	Simulation	5
IE328	Management Information Systems	4
7. SEMESTER		
IE421	Facilities Design and Planning	5
IE425	Engineering Economy and Cost Analysis	5
IE435	New Product-Service&Business Development	4
IE437	Technology Management	4
IE403	Quality Planning and Control	5
IE499	Graduation Project	5
TOPLAM		118

MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER

OPAC112	IE141	OPAC209	MATH256	Non-Technical Elective	Non-Technical Elective
EP112	IE143	OPAC211	ME215	Non-Technical Elective	Non-Technical Elective
EP109	EP105	HIST201	HIST201	Elective Course	Elective Course
FE103	FE103	HIST202	HIST202	Elective Course	Elective Course
LENG101	L.Eng.101			OPAC400	IE400
MATH151	MATH151			INF 398	INF 398
TURK101	TURK101				
TDP101	TDP101				
OPAC215	IE142				
EP110	EP106				
LENG102	L.Eng.102				
MATH152	MATH152				
OPAC108	ME101				
TURK102	TURK102				
TDP102	TDP102				
Common Elective	Common Elective				

******7. TEKSTİL MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI**
ELEKTRİK ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
TE 120	Fiber toFabric	5
2.DÖNEM		
TE 112	Fiber Science I	5
TE 121	Fiber and Polymer Chemistry	5
3.DÖNEM		
TE 208	Statics	2
TE 211	YarnManufacturing I	5
TE 221	Fiber Science II	5
4.DÖNEM		
TE 224	Strength of Materials	2
TE 220	KnittingTechnology	5
TE 230	WeavingTechnology I	5
TE 240	YarnManufacturing II	5
5.DÖNEM		
TE 301	Mechanisms	2
TE 321	Machine Elements	3
TE 351	WeavingTechnology II	5
TE 352	Nonwoven	5
TE 361	Dyeing Technology and Machinery	5
TE 333	Ready-MadeClothing	5
TE 363	TextileFinishing	5
6.DÖNEM		
TE 331	Introduction to Mechatronic	2
TE 362	Printing Technology and Machinery	4
TE 332	Quality Control in TextileEngineering	4
TE 353	Fabric Design	4
TE 398	Graduation Project I	2
1 adet	Elective Course	5
7.DÖNEM		
TE 498	Graduation Project II	2
2 adet	Elective Courses	10

		107
--	--	-----

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
Math 151	Math 151	EEE 283	TE 205	EEE 352	TE 445
EP 103	EP 105	EEE 285	Math 256		
FE 101	FE 101	HIST 100	HIST 201		
EEE 100	TE 131	EEE 242	TE 241		
L. ENG 101	L. ENG 101	HIST 200	HIST 202		
TURK 100	TURK 101	EEE 190	TE 208		
TDP 101	TDP 101				
Math 152	Math 152				
EP 104	EP 106				
L. ENG 102	L. ENG 102				
TDP 102	TDP 102				
TURK 200	TURK 102				
Common Elective	Common Elective				

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
TE 120	Fiber toFabric	5
2.DÖNEM		
TE 112	Fiber Science I	5
TE 121	Fiber and Polymer Chemistry	5
3.DÖNEM		
TE 208	Statics	2
TE 211	YarnManufacturing I	5
TE 221	Fiber Science II	5
4.DÖNEM		
TE 224	Strength of Materials	2
TE 220	KnittingTechnology	5
TE 230	WeavingTechnology I	5
TE 240	YarnManufacturing II	5
5.DÖNEM		
TE 301	Mechanisms	2
TE 321	Machine Elements	3
TE 351	WeavingTechnology II	5
TE 352	Nonwoven	5
TE 361	Dyeing Technology and Machinery	5
TE 333	Ready-MadeClothing	5
TE 363	TextileFinishing	5
6.DÖNEM		
TE 331	Introduction to Mechatronic	2

TE 362	Printing Technology and Machinery	4
TE 332	Quality Control in TextileEngineering	4
TE 353	Fabric Design	4
TE 398	Graduation Project I	2
2 adet	Elective Course	10
7.DÖNEM		
TE 498	Graduation Project II	2
2 adet	Elective Courses	10
		112

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
Math 151	Math 151	Math 255	Math 255	IE 499	TE 398
EP 105	EP 105	ME 101	ME 101		TE 498
FE 103	FE 101	IE 141	TE 241		
IE 143	TE 131	HIST 201	HIST 201		
L. ENG 101	L. ENG 101	Math 256	Math 256		
TURK 101	TURK 101	IE 205	TE 205		
TDP 101	TDP 101	HIST 202	HIST 202		
Math 152	Math 152				
EP 106	EP 106				
L. ENG 102	L. ENG 102				
TDP 102	TDP 102				
TURK 102	TURK 102				
Common Elective	Common Elective				

FİZİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
TE 120	Fiber toFabric	5
2.DÖNEM		
TE 112	Fiber Science I	5
TE 121	Fiber and Polymer Chemistry	5
3.DÖNEM		
TE 208	Statics	2
TE 211	YarnManufacturing I	5
TE 221	Fiber Science II	5
4.DÖNEM		
TE 205	IntroductiontoProbability	5
TE 220	KnittingTechnology	5
TE 230	WeavingTechnology I	5
TE 240	YarnManufacturing II	5
5.DÖNEM		
TE 301	Mechanisms	2
TE 321	Machine elements	3
TE 351	WeavingTechnology II	5

TE 352	Nonwoven	5
TE 361	Dyeing Technology and Machinery	5
TE 333	Ready-MadeClothing	5
TE 363	TextileFinishing	5
6.DÖNEM		
TE 362	Printing Technology and Machinery	4
TE 331	IntroductiontoMechatronic	2
TE 332	Quality Control in TextileEngineering	4
TE 353	Fabric Design	4
TE 398	Graduation Project I	2
2 adet	Elective Course	10
7.DÖNEM		
TE 498	Graduation Project II	2
2 adet	Elective Courses	10
		115

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
Math 151	Math 151	EP 2220	Math 255	EP 353	TE 443
FE 103	FE 101	ME 101	ME 101	EP 499	TE 398
EP 112	TE 131	EP 241	TE 241		TE 498
L. ENG 101	L. ENG 101	EP 252	TE 204		
TURK 101	TURK 101	HIST 201	HIST 201		
TDP 101	TDP 101	EP 219	Math 256		
Math 152	Math 152	HIST 202	HIST 202		
L. ENG 102	L. ENG 102	EP 111	TE 301		
TDP 102	TDP 102				
TURK 102	TURK 102				
Common Elective	Common Elective				

GIDA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
TE 120	Fiber toFabric	5
2.DÖNEM		
TE 112	Fiber Science I	5
TE 121	Fiber and Polymer Chemistry	5
3.DÖNEM		
TE 208	Statics	2
TE 211	YarnManufacturing I	5
TE 221	Fiber Science II	5
4.DÖNEM		
TE 224	Strength	2
TE 220	KnittingTechnology	5
TE 240	YarnManufacturing II	5
TE 230	WeavingTechnology I	5
5.DÖNEM		

TE 301	Mechanisms	2
TE 321	Machine Elements	3
TE 351	WeavingTechnology II	5
TE 352	Nonwoven	5
TE 361	Dyeing Technology and Machinery	5
TE 333	Ready-MadeClothing	5
TE 363	TextileFinishing	5
6.DÖNEM		
TE 331	IntroductiontoMechatronics	2
TE 362	Printing Technology and Machinery	4
TE 353	Fabric Design	4
TE 332	Quality Control in TextileEngineering	4
TE 398	Graduation Project I	2
1 adet	Elective Course	5
7.DÖNEM		
TE 498	Graduation Project II	2
2 adet	Elective Courses	10
		107

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
Math 151	Math 151	ME 101	ME 101	FE 321	TE 443
FE 111	FE 101	EEE 241	TE 241	FE 499	TE 398
FE 113	TE 131	FE 224	TE 204		TE 498
L. ENG 101	L. ENG 101	HIST 201	HIST 201		
TURK 101	TURK 101	Math 256	Math 256		
TDP 101	TDP 101	FE 243	TE 205		
Math 152	Math 152	FE 222	TE 232		
EP 116	EP 106	HIST 200	HIST 202		
L. ENG 102	L. ENG 102				
TDP 102	TDP 102				
TURK 102	TURK 102				
Common Elective	Common Elective				

İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
TE 120	Fiber toFabric	5
2.DÖNEM		
TE 112	Fiber Science I	5
TE 121	Fiber and Polymer Chemistry	5
3.DÖNEM		
TE 211	YarnManufacturing I	5
TE 221	Fiber Science II	5
4.DÖNEM		
TE 220	KnittingTechnology	5
TE 230	WeavingTechnology I	5
TE 240	YarnManufacturing II	5
5.DÖNEM		

TE 301	Mechanisms	2
TE 321	Machine Elements	3
TE 351	Weaving Technology II	5
TE 352	Nonwoven	5
TE 361	Dyeing Technology and Machinery	5
TE 333	Ready-Made Clothing	5
TE 363	Textile Finishing	5
6.DÖNEM		
TE 362	Printing Technology and Machinery	4
TE 331	Introduction to Mechatronic	2
TE 332	Quality Control in Textile Engineering	4
TE 353	Fabric Design	4
TE 398	Graduation Project I	2
2 adet	Elective Course	10
7.DÖNEM		
TE 498	Graduation Project II	2
2 adet	Elective Courses	10
		108

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
Math 151	Math 151	Math 255	Math 255	CE499	TE 398
EP 105	EP 105	CE 101	ME 101		TE 498
FE 103	FE 101	CE 240	TE 241		
CE 100	TE 131	CE 122	TE 208		
L. ENG 101	L. ENG 101	HIST 201	HIST 201		
TURK 101	TURK 101	Math 256	Math 256		
TDP 101	TDP 101	CE 214	TE 205		
Math 152	Math 152	CE 272	TE 232		
EP 106	EP 106	HIST 202	HIST 202		
L. ENG 102	L. ENG 102	CE 223	TE 301		
TDP 102	TDP 102				
TURK 102	TURK 102				
Common Elective	Common Elective				

MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
TE 120	Fiber to Fabric	5
2.DÖNEM		
TE 112	Fiber Science I	5
TE 121	Fiber and Polymer Chemistry	5
3.DÖNEM		
TE 211	Yarn Manufacturing I	5
TE 221	Fiber Science II	5
4.DÖNEM		

TE 205	Introduction to Probability and Statistics	5
TE 220	Knitting Technology	5
TE 230	Weaving Technology I	5
TE 240	Yarn Manufacturing II	5
5.DÖNEM		
TE 351	Weaving Technology II	5
TE 352	Nonwoven	5
TE 361	Dyeing Technology and Machinery	5
TE 333	Ready-Made Clothing	5
TE 363	Textile Finishing	5
6.DÖNEM		
TE 362	Printing Technology and Machinery	4
TE 332	Quality Control in Textile Engineering	4
TE 353	Fabric Design	4
TE 398	Graduation Project I	2
2 adet	Elective Course	(5x2)=10
7.DÖNEM		
TE 498	Graduation Project II	2
2 adet	Elective Courses	10
		106

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
Math 151	Math 151	Math 255	Math 255	ME 371	TE 232
EP 105	EP 105	ME 113	ME 101	ME 301	TE 301
FE 103	FE 101	ME 240	TE 241	ME 307	TE 321
ME 205	TE 131	ME 204	TE 204	ME 427	TE 424
L. ENG 101	L. ENG 101	ME 108	TE 208	ME 499	TE 398
TURK 100	TURK 101	HIST 200	HIST 201		TE 498
TDP 101	TDP 101	Math 256	Math 256		
Math 152	Math 152	ME 223	TE 224		
EP 106	EP 106	HIST 201	HIST 202		
L. ENG 102	L. ENG 102				
TDP 102	TDP 102				
TURK 101	TURK 102				
Common Elective	Common Elective				

FİZİK MÜHENDİSLİĞİ BÖLÜMÜ OPTİK VE AKUSTİK MÜHENDİSLİĞİ PROGRAMI ÖĞRENCİLERİNİN

1. ALMASI GEREKEN DERS VE KREDİ LİSTESİ

1.DÖNEM		AKTS
TE 120	Fiber to Fabric	5
2.DÖNEM		
TE 112	Fiber Science I	5
TE 121	Fiber and Polymer Chemistry	5
3.DÖNEM		
TE 208	Statics	2

TE 211	YarnManufacturing I	5
TE 221	Fiber Science II	5
4.DÖNEM		
TE 205	IntroductiontoProbability	5
TE 224	Strength of Materials	2
TE 220	KnittingTechnology	5
TE 230	WeavingTechnology I	5
TE 240	YarnManufacturing II	5
5.DÖNEM		
TE 301	Mechanisms	2
TE 321	Machine Elements	3
TE 351	WeavingTechnology II	5
TE 352	Nonwoven	5
TE 361	Dyeing Technology and Machinery	5
TE 333	Ready-MadeClothing	5
TE 363	TextileFinishing	5
6.DÖNEM		
TE 331	Introduction to Mechatronic	2
TE 362	Printing Technology and Machinery	4
TE 332	Quality Control in TextileEngineering	4
TE 353	Fabric Design	4
TE 398	Graduation Project I	2
2 adet	Elective Course	10
7.DÖNEM		
TE 498	Graduation Project II	2
2 adet	Elective Courses	10
		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER	ALDIĞI DERSLER	MUAF SAYILAN DERSLER
Math 151	Math 151	OPAC 112	TE 241	OPAC 499	TE 398
EP 109	EP 105	HIST 201	HIST 201		TE 498
FE 103	FE 101	HIST 202	HIST 202		
EP 112	TE 131				
L. ENG 101	L. ENG 101				
TURK 101	TURK 101				
TDP 101	TDP 101				
Math 152	Math 152				
EP 110	EP 106				
L. ENG 102	L. ENG 102				
TDP 102	TDP 102				
TURK 102	TURK 102				
Common Elective	Common Elective				

*****8. OPTİK ve AKUSTİK MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI

FİZİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1.ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
OPAC103	Geometric Optics Laboratory	1
2.DÖNEM		
OPAC102	Introduction to Acoustics	3
OPAC104	Acoustic Laboratory	1
OPAC108	Computer Aided Drawing	2
3.DÖNEM		
OPAC201	Physical and Modern Optics	4
OPAC203	Physical and Modern Optics Laboratory	1
OPAC207	Optoelectronics and Photonics - I	4
OPAC211	Optical and Acoustical Materials	4
OPAC215	Software for Engineers-I	4
OPAC199	Visual Optics Summer Practice*	1
4.DÖNEM		
OPAC202	Optical Instrumentation and Design-I	6
OPAC206	Ultrasonic and Applications	5
OPAC208	Optoelectronics and Photonics - II	5
OPAC216	Software for Engineers-II	4
5.DÖNEM		
OPAC301	Optical Instrumentation and Design-II	5
OPAC303	Illumination Engineering and Design-I	6
OPAC305	Environmental and Industrial Noise Control-I	6
OPAC309	Sound Systems and Design	5
6.DÖNEM		
OPAC304	Fiber Optics and Applications	4
OPAC306	Optical Communication Systems	4
OPAC308	Digital Image and Sound Processing	5
OPAC310	Advanced Optics and Acoustics Laboratory	1
OPAC312	Architectural Acoustics	5
7.DÖNEM		
Toplam ALMASI Gerekli AKTS		86

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
EP118	OPAC101	EP215	OPAC205	EP331	OPAC307
LENG101	LENG101	EP219	OPAC209	Non-T.E.	Non-T.E.
EP111	EP109	HIST201	HIST201	EP*** (T.E.)	OPAC*** (T.E.)
MATH151	MATH151	EP226	OPAC212	EP*** (T.E.)	OPAC*** (T.E.)
FE103	FE103	EP236	OPAC214	INF398	INF398
EP112	EP112	Non-T.E.	Non-T.E.	EP499	OPAC499

TURK101	TURK101	HIST202	HIST202	EP399	OPAC399
TDP101	TDP101			EP*** (T.E.)	OPAC*** (T.E.)
LENG102	LENG102			EP*** (T.E.)	OPAC*** (T.E.)
EP241	OPAC112			EP*** (T.E.)	OPAC*** (T.E.)
EP124	OPAC110			EP*** (T.E.)	OPAC*** (T.E.)
MATH152	MATH152			EP*** (T.E.)	OPAC*** (T.E.)
TURK102	TURK102				
TDP102	TDP102				
COMMON ELECTİVE	COMMON ELECTİVE				

Not-1: Optik ve Akustik Mühendisliği Bölümü kataloğunda bulunan tüm teknik seçmeli dersler Fizik Mühendisliği Bölümü öğrencileri için eşdeğer teknik seçmeli ders olarak kabul edilir. Ayrıca Optik ve Akustik Mühendisliği Bölümünün kataloğunda bulunan aşağıdaki zorunlu dersler Fizik Mühendisliği bölümü öğrencileri için teknik seçmeli ders olarak kabul edilir.

OPAC102
OPAC201
OPAC207
OPAC211
OPAC215
OPAC202
OPAC206
OPAC208
OPAC210
OPAC216
OPAC301
OPAC303
OPAC305
OPAC309
OPAC304
OPAC306
OPAC308

Not-2: Her iki bölümün kataloğunda mevcut olan bire bir teknik seçmeli eşdeğer dersler. Fizik Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

EP ve OPAC ARASINDA EŞDEĞER SEÇMELİ DERSLER	
EP383	= OPAC407
EP227	= OPAC410
EP312	= OPAC412
EP486	= OPAC422
EP339	= OPAC461

**MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
ALMASI GEREKEN DERS VE KREDİ LİSTESİ**

Dersin Kodu	1.DÖNEM	AKTS
OPAC101	Introduction to Optics	4
OPAC103	Geometric Optics Laboratory	1
2.DÖNEM		
OPAC102	Introduction to Acoustics	3
OPAC104	Acoustic Laboratory	1
OPAC108*	Computer Aided Drawing	2
3.DÖNEM		

OPAC201	Physical and Modern Optics	4
OPAC203	Physical and Modern Optics Laboratory	1
OPAC207	Optoelectronics and Photonics - I	4
OPAC211	Optical and Acoustical Materials	4
OPAC215	Software for Engineers-I	4
OPAC199	Visual Optics Summer Practice*	1
4.DÖNEM		
OPAC202	Optical Instrumentation and Design-I	6
OPAC206	Ultrasonic and Applications	5
OPAC208	Optoelectronics and Photonics - II	5
OPAC212	Analog Electronics	4
OPAC214	Electronics Laboratory	1
OPAC216	Software for Engineers-II	4
5.DÖNEM		
OPAC301	Optical Instrumentation and Design-II	5
OPAC303	Illumination Engineering and Design-I	6
OPAC305**	Environmental and Industrial Noise Control-I	6
OPAC307	Electromagnetic Fields and Waves	5
OPAC309	Sound Systems and Design	5
6.DÖNEM		
OPAC304	Fiber Optics and Applications	4
OPAC306	Optical Communication Systems	4
OPAC308	Digital Image and Sound Processing	5
OPAC310	Advanced Optics and Acoustics Laboratory	1
OPAC312	Architectural Acoustics	5
7.DÖNEM		
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		120

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
LENG101	LENG101	ME211	OPAC205	Non-T.E.	Non-T.E.
EP10	EP109	MATH256	OPAC209	ME204	OPAC*** (T.E.)
MATH151	MATH151	HIST201	HIST201	ME215	OPAC*** (T.E.)
FE103	FE103	Non-T.E.	Non-T.E.	INF398	INF398
ME103	EP112	HIST202	HIST202	ME399	OPAC399
TURK101	TURK101			ME499	OPAC499
TDP101	TDP101			ME223	OPAC*** (T.E.)
LENG102	LENG102			ME400	OPAC400
ME240	OPAC112				
EP106	EP110				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
COMMON ELECTİVE	COMMON ELECTİVE				

*Makine Mühendisliği Bölümünden ME475 Computer Aided Design and Drafting dersini alan öğrenciler OPAC108 Computer Aided Drawing dersinden muaf sayılacaktır.
**Makine Mühendisliği Bölümünden ME402 Industrial Noise and Vibrational Kontrol teknik seçmeli dersini alan öğrenciler OPAC308 dersinden muaf sayılacaktır.
Not-1: Her iki bölümün kataloğunda mevcut olan eşdeğer dersler. Makine Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.
OPAC ve ME ARASINDA EŞDEĞER SEÇMELİ DERSLER
OPAC465 = ME460

Not-2: Makine Mühendisliği Bölümünde aşağıdaki zorunlu yada teknik seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.
OPAC'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER
OPAC*** = ME216
OPAC*** = ME303
OPAC*** = ME304
OPAC*** = ME307
OPAC*** = ME308
OPAC*** = ME371
OPAC*** = ME372
OPAC*** = ME408
OPAC*** = ME419
OPAC*** = ME429
OPAC*** = ME435
OPAC*** = ME444
OPAC*** = ME445
OPAC*** = ME446
OPAC*** = ME470
OPAC*** = ME471
OPAC*** = ME472
OPAC*** = ME498

**ELEKTRİK ve ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1.ALMASI GEREKEN DERS VE KREDİ LİSTESİ**

Dersin Kodu	1.DÖNEM	AKTS
OPAC101	Introduction to Optics	4
OPAC103	Geometric Optics Laboratory	1
2.DÖNEM		
OPAC102	Introduction to Acoustics	3
OPAC104	Acoustic Laboratory	1
OPAC108	Computer Aided Drawing	2
3.DÖNEM		
OPAC203	Physical and Modern Optics Laboratory	1
OPAC211	Optical and Acoustical Materials	4
OPAC215	Software for Engineers-I	4
OPAC199	Visual Optics Summer Practice	1
4.DÖNEM		
OPAC202	Optical Instrumentation and Design-I	6
OPAC206	Ultrasonic and Applications	5
OPAC216	Software for Engineers-II	4

5.DÖNEM		
OPAC301	Optical Instrumentation and Design-II	5
OPAC303	Illumination Engineering and Design-I	6
OPAC305	Environmental and Industrial Noise Control-I	6
OPAC309	Sound Systems and Design	5
6.DÖNEM		
OPAC304	Fiber Optics and Applications	4
OPAC306*	Optical Communication Systems	4
OPAC308	Digital Image and Sound Processing	5
OPAC310	Advanced Optics and Acoustics Laboratory	1
OPAC312	Architectural Acoustics	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
7.DÖNEM		
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		115

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
LENG101	LENG101	EEE291	OPAC201	EEE261	OPAC307
EP103	EP109	EEE201	OPAC205	Non-T.E.	Non-T.E.
MATH151	MATH151	EEE210	OPAC207	INF398	INF398
FE101	FE103	EEE285	OPAC209	EEE399	OPAC399
EEE100	EP112	HIST201	HIST201	EEE499	OPAC499
TURK101	TURK101	EEE311	OPAC208	EEE400	OPAC400
TDP101	TDP101	EEE312	OPAC212		
LENG102	LENG102	EEE312	OPAC214		
EEE145	OPAC112	Non-T.E.	Non-T.E.		
EP104	EP110	HUST202	HIST202		
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
COMMON ELECTİVE	COMMON ELECTİVE				

*Elektrik ve Elektronik Mühendisliği Bölümünden EEE433 Optical Fiber Communication dersini alan öğrenciler OPAC306 Optical Communication Systems dersinden muaf sayılacaktır.

Not-1: Her iki bölümün kataloğunda mevcut olan birbir eşdeğer dersler. Elektrik ve Elektronik Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

OPAC ve EEE ARASINDA EŞDEĞER SEÇMELİ DERSLER

OPAC412 = EEE417

OPAC410 = EEE340

OPAC422 = EEE342

OPAC422 = EEE448
OPAC404 = EEE330
OPAC404 = EEE436
OPAC414 = EEE445

Not-2: Elektrik ve Elektronik Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

OPAC'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER
OPAC*** = ME204
OPAC*** = EEE404
OPAC*** = EEE412
OPAC*** = EEE431
OPAC*** = EEE432

**İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1.ALMASI GEREKEN DERS VE KREDİ LİSTESİ**

Dersin Kodu	1.DÖNEM	AKTS
OPAC101	Introduction to Optics	4
OPAC103	Geometric Optics Laboratory	1
2.DÖNEM		
OPAC102	Introduction to Acoustics	3
OPAC104	Acoustic Laboratory	1
OPAC108	Computer Aided Drawing	2
3.DÖNEM		
OPAC201	Physical and Modern Optics	4
OPAC203	Physical and Modern Optics Laboratory	1
OPAC205	Electrical Circuit Analysis	4
OPAC207	Optoelectronics and Photonics - I	4
OPAC215	Software for Engineers-I	4
OPAC199	Visual Optics Summer Practice	1
4.DÖNEM		
OPAC202	Optical Instrumentation and Design-I	6
OPAC206	Ultrasonic and Applications	5
OPAC208	Optoelectronics and Photonics - II	5
OPAC212	Analog Electronics	4
OPAC214	Electronics Laboratory	1
OPAC216	Software for Engineers-II	4
5.DÖNEM		
OPAC301	Optical Instrumentation and Design-II	5
OPAC303	Illumination Engineering and Design-I	6
OPAC305	Environmental and Industrial Noise Control-I	6
OPAC307	Electromagnetic Fields and Waves	5
OPAC309	Sound Systems and Design	5
6.DÖNEM		
OPAC304	Fiber Optics and Applications	4
OPAC306	Optical Communication Systems	4
OPAC308	Digital Image and Sound Processing	5
OPAC310	Advanced Optics and Acoustics Laboratory	1
OPAC312	Architectural Acoustics	5

7.DÖNEM		
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC399	Summer Practice	2
Toplam ALMASI Gerekli AKTS		117

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
LENG101	LENG101	MATH256	OPAC209	Non-T.E.	Non-T.E.
EP105	EP109	CE241	OPAC211	CE214	OPAC*** (T.E.)
MATH151	MATH151	HIST201	HIST201	CE272	OPAC*** (T.E.)
FE103	FE103	Non-T.E.	Non-T.E.	INF398	INF398
CE100	EP112	HIST202	HIST202	CE364	OPAC*** (T.E.)
TURK101	TURK101			CE331	OPAC*** (T.E.)
TDP101	TDP101			CE499	OPAC499
LENG102	LENG102			CE400	OPAC400
CE209	OPAC112				
EP106	EPI10				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
Common Elective	Common Elective				

Not: İnşaat Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

OPAC'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER

OPAC*** = ME204
OPAC*** = CE439
OPAC*** = CE433
OPAC*** = CE406
OPAC*** = CE272

ENDÜSTİ MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN 1-ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
OPAC101	Introduction to Optics	4
OPAC103	Geometric Optics Laboratory	1
2.DÖNEM		
OPAC102	Introduction to Acoustics	3
OPAC104	Acoustic Laboratory	1
OPAC108	Computer Aided Drawing	2
3.DÖNEM		
OPAC201	Physical and Modern Optics	4
OPAC203	Physical and Modern Optics Laboratory	1
OPAC205	Electrical Circuit Analysis	4
OPAC207	Optoelectronics and Photonics - I	4
OPAC211	Optical and Acoustical Materials	4

OPAC215	Software for Engineers-I	4
OPAC199	Visual Optics Summer Practice	1
4.DÖNEM		
OPAC202	Optical Instrumentation and Design-I	6
OPAC206	Ultrasonic and Applications	5
OPAC208	Optoelectronics and Photonics - II	5
OPAC212	Analog Electronics	4
OPAC214	Electronics Laboratory	1
OPAC216	Software for Engineers-II	4
5.DÖNEM		
OPAC301	Optical Instrumentation and Design-II	5
OPAC303	Illumination Engineering and Design-I	6
OPAC305	Environmental and Industrial Noise Control-I	6
OPAC307	Electromagnetic Fields and Waves	5
OPAC309	Sound Systems and Design	5
6.DÖNEM		
OPAC304	Fiber Optics and Applications	4
OPAC306	Optical Communication Systems	4
OPAC308	Digital Image and Sound Processing	5
OPAC310	Advanced Optics and Acoustics Laboratory	1
OPAC312	Architectural Acoustics	5
7.DÖNEM		
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		114

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
LENG101	LENG101	MATH256	OPAC209	Non-T.E.	Non-T.E.
EP105	EP109	HIST201	HIST201	IE201	OPAC*** (T.E.)
MATH151	MATH151	Non-T.E.	Non-T.E.	IE205	OPAC*** (T.E.)
FE103	FE103	HIST202	HIST202	INF398	INF398
IE143	EP112			IE221	OPAC*** (T.E.)
TURK101	TURK101			IE222	OPAC*** (T.E.)
TDP101	TDP101			IE323	OPAC*** (T.E.)
LENG102	LENG102			IE399	OPAC399
IE141	OPAC112			CE499	OPAC499
EP106	EP110			CE400	OPAC400
MATH152	MATH152				
TURK102	TURK102				
TDPI02	TDP102				
Common Elective	Common Elective				

Not: Endüstri Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

OPAC'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER

OPAC*** = IE142

**TEKSTİL MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1.ALMASI GEREKEN DERS VE KREDİ LİSTESİ**

Dersin Kodu	1.DÖNEM	AKTS
OPAC101	Introduction to Optics	4
OPAC103	Geometric Optics Laboratory	1
2.DÖNEM		
OPAC102	Introduction to Acoustics	3
OPAC104	Acoustic Laboratory	1
OPAC108	Computer Aided Drawing	2
3.DÖNEM		
OPAC201	Physical and Modern Optics :	4
OPAC203	Physical and Modern Optics Laboratory	1
OPAC205	Electrical Circuit Analysis	4
OPAC207	Optoelectronics and Photonics - I	4
OPAC211	Optical and Acoustical Materials	4
OPAC215	Software for Engineers-I	4
OPAC199	Visual Optics Summer Practice	1
4.DÖNEM		
OPAC202	Optical Instrumentation and Design-I	6
OPAC206	Ultrasonic and Applications	5
OPAC208	Optoelectronics and Photonics - II	5
OPAC212	Analog Electronics	4
OPAC214	Electronics Laboratory	1
OPAC216	Software for Engineers-II	4
5.DÖNEM		
OPAC301	Optical Instrumentation and Design-II	5
OPAC303	Illumination Engineering and Design-I	6
OPAC305	Environmental and Industrial Noise Control-I	6
OPAC307	Electromagnetic Fields and Waves	5
OPAC309	Sound Systems and Design	5
6.DÖNEM		
OPAC304	Fiber Optics and Applications	4
OPAC306	Optical Communication Systems	4
OPAC308	Digital Image and Sound Processing	5
OPAC310	Advanced Optics and Acoustics Laboratory	1
OPAC312	Architectural Acoustics	5
7.DÖNEM		
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		119

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
LENG101	LENG101	MATH256	OPAC209	Non-T.E.	Non-T.E.
EP105	EP109	HIST201	HIST201	TE204	OPAC*** (T.E.)
MATH151	MATH151	Non-T.E.	Non-T.E.	TE205	OPAC*** (T.E.)
FE101	FE103	HIST202	HIST202	INF398	INF398
TE131	EP112			TE232	OPAC*** (T.E.)
TURK101	TURK101			TE331	OPAC*** (T.E.)
TDP101	TDP101			TE398	OPAC399
LENG102	LENG102			TE498	OPAC499
TE241	OPAC112			TE400	OPAC400
EP106	EP110				
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
COMMON ELECTİVE	COMMON ELECTİVE				

Not: Tekstil Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.

OPAC'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER

OPAC*** = TE423

OPAC*** = TE443

OPAC*** = TE451

GIDA MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN
1.ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Dersin Kodu	1.DÖNEM	AKTS
OPAC101	Introduction to Optics	4
OPAC103	Geometric Optics Laboratory	1
2.DÖNEM		
OPAC102	Introduction to Acoustics	3
OPAC104	Acoustic Laboratory	1
OPAC108	Computer Aided Drawing	2
3.DÖNEM		
OPAC201	Physical and Modern Optics	4
OPAC203	Physical and Modern Optics Laboratory	1
OPAC205	Electrical Circuit Analysis	4
OPAC207	Optoelectronics and Photonics - I	4
OPAC211	Optical and Acoustical Materials	4
OPAC215	Software for Engineers-I	4
OPAC199	Visual Optics Summer Practice	1
4.DÖNEM		
OPAC202	Optical Instrumentation and Design-I	6
OPAC206	Ultrasonic and Applications	5
OPAC208	Optoelectronics and Photonics - II	5
OPAC212	Analog Electronics	4

OPAC214	Electronics Laboratory	1
OPAC216	Software for Engineers-II	4
5.DÖNEM		
OPAC301	Optical Instrumentation and Design-II	5
OPAC303	Illumination Engineering and Design-I	6
OPAC305	Environmental and Industrial Noise Control-I	6
OPAC307	Electromagnetic Fields and Waves	5
OPAC309	Sound Systems and Design	5
6.DÖNEM		
OPAC304	Fiber Optics and Applications	4
OPAC306	Optical Communication Systems	4
OPAC308	Digital Image and Sound Processing	5
OPAC310	Advanced Optics and Acoustics Laboratory	1
OPAC312	Architectural Acoustics	5
7.DÖNEM		
OPAC***	Technical Elective	5
OPAC***	Technical Elective	5
Toplam ALMASI Gerekli AKTS		115

2. MUAF TUTULAN DERS VE KREDİ LİSTESİ

I.SINIF DERSLERİ		II.SINIF DERSLERİ		III. VE IV. SINIF DERSLERİ	
ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER	ALDIĞI DESRLER	MUAF SAYILAN DESRLER
LENG101	LENG101	MATH256	OPAC209	Non-T.E.	Non-T.E.
EP116	EP109	HIST201	HIST201	FE243	OPAC*** (T.E.)
MATH151	MATH151	Non-T.E.	Non-T.E.	FE222	OPAC*** (T.E.)
FE111	FE103	HIST202	HIST202	INF398	INF398
FE113	EP112			FE224	OPAC*** (T.E.)
TURK101	TURK101			FE321	OPAC*** (T.E.)
TDP101	TDP101			FE356	OPAC*** (T.E.)
LENG102	LENG102			FE299	OPAC399
EEE241	OPAC112			FE499	OPAC499
EP116	EP110			FE400	OPAC400
MATH152	MATH152				
TURK102	TURK102				
TDP102	TDP102				
COMMON ELECTİVE	COMMON ELECTİVE				
Not: Gıda Mühendisliği Bölümünde aşağıdaki seçmeli derslerden alan öğrenciler Optik ve Akustik Mühendisliği Bölümünde teknik seçmeli ders almış kabul edilir.					
OPAC'da KABUL EDİLECEK TEKNİK SEÇMELİ DERSLER					
OPAC*** = FE315					
OPAC*** = FE231					

Oybirliğiyle karar verilmiştir.

HAVACILIK VE UZAY BİLİMLERİ FAKÜLTESİ

BÖLÜMLER ARASI ÇİFT ANADAL PROGRAMI

1- UÇAK VE UZAY MÜHENDİSLİĞİ BÖLÜMÜ ÇİFT ANADAL PROGRAMLARI

UÇAK VE UZAY MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

Ders Kod	Dersin Adı	K	AKTS
ME 216	Engineering Materials II	4	5
ME 301	Mechanisms	4	6
ME 302	Dynamics of Machinery	4	6
ME 303	Thermodynamics II	4	6
ME 308	Machine Elements II	4	6
ME 333	Manufacturing Process II	4	6
ME 352	Principles of Energy Conversion	4	6
ME 371	Fluid Mechanics I	4	6
ME 372	Fluid Mechanics II	4	5
Seçmeli	Elective Courses	3	3
Seçmeli	Elective Courses	3	3
Seçmeli	Elective Courses	3	3
Seçmeli	Elective Courses	3	3
Seçmeli	Elective Courses	3	3
Seçmeli	Elective Courses	3	3

EŞDEĞER DERSLER LİSTESİ

MAKİNE MÜHENDİSLİĞİ DERSLERİ		UÇAK VE UZAY MÜHENDİSLİĞİ BÖLÜMÜ DERSLERİ	
Ders Kod	Dersin Adı	Ders Kod	Dersin Adı
GME100	General and Professional Ethics	GME100	General and Professional Ethics
TDP101	Social Awareness Project-I	TDP101	Social Awareness Project-I
TDP102	Social Awareness Project-II	TDP102	Social Awareness Project-II
GOSxxx	Common Elective	GOSxxx	Common Elective
LENG101	Freshman English-I	LENG101	Freshman English-I
LENG102	Freshman English-II	LENG102	Freshman English-II
TURK101	Turkish Language-I	TURK101	Turkish Language-I
TURK102	Turkish Language-II	TURK102	Turkish Language-II
ME199	Mechanical Engineering Orientation	AE100	Orientation-I (20 Days) *
ME113	Engineering Drawing I	AE101	Computer Aided Engineering Drawing-I
ME114	Engineering Drawing II	AE102	Computer Aided Engineering Drawing-II
FE103	General Chemistry I	AE103	General Chemistry
EP105	General Physics I	AE105	General Physics-I
MATH151	Calculus I	AE151	Calculus-I
ME108	Statics	AE104	Statics
EP106	General Physics II	AE106	General Physics-II
ME240	Computation for Mechanical Engineering	AE108	Introduction to Computer Programming

MATH152	Calculus-II	AE152	Calculus-II
HIST201	Atatürk's Principle and the History of the Turkish Renovation-I	HIST201	Atatürk's Principle and the History of the Turkish Renovation-I
HIST202	Atatürk's Principle and the History of the Turkish Renovation-II	HIST202	Atatürk's Principle and the History of the Turkish Renovation-II
ME208	Dynamics	AE201	Dynamics
ME203	Manufacturing Process I	AE202	Manufacturing Technologies
ME211	Introduction to Dc Ac Circuits	AE203	Introduction to Ac/Dc Circuits
ME223	Strength of Materials I	AE205	Strength of Materials-I
ME215	Engineering Materials I	AE207	Material Science
ME204	Thermodynamics I	AE209	Thermodynamics
MATH255	Linear Algebra	AE255	Linear Algebra
MATH256	Differential Equations	AE256	Differential Equations
INF398	Activities Participation	INF398	Activities Participation
ME206	Heat Transfer	AE301	Heat Transfer
ME307	Machine Elements I	AE307	Machine Elements and Design
ME316	Mechanical Engineering Laboratory	AE405	Aeronautical Engineering Lab (Experimental Eng.)
ME499	Graduation Project	AE499	Graduation Project
ME0400	Applied Engineering Education	AE0400	Applied Engineering Education

1. MAKİNA MÜH. BÖL. ÇİFT ANADAL PROGRAMLARI

1- MÜHENDİSLİK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ VE METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ ARASI ÇİFT ANADAL PROGRAMI

METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ ÖĞRENCİLERİNİN ALMASI GEREKEN DERS VE KREDİ LİSTESİ

MAKİNA MÜH.

DERS KODU	DERS ADI	KREDİ	AKTS
ME 114	ENGINEERING DRAWING II	4	4
ME 199	MECHANICAL ENGINEERING ORIENTATION	4	4
ME 205	THERMODYNAMICS I	4	4
ME 206	THERMODYNAMICS II	4	5
ME 208	DYNAMICS	4	5
ME 212	INT. TO ELECTROMECHANICAL SYSTEMS	3	4
ME 224	STRENGTH OF MATERIALS I	4	5
ME 301	MECHANISMS	4	6
ME 305	HEAT TRANSFER	4	6
ME 307	MACHINE ELEMENTS I	4	6
ME 333	MANUFACTURING PROCESS II	4	6
ME 371	FLUID MECHANICS I	4	6
ME 302	DYNAMICS OF MACHINERY	4	6
ME 308	MACHINE ELEMENTS II	4	6
ME 316	MECHANICAL ENGINEERING LABORATORY	4	6
ME 352	ENERGY SYSTEMS	4	6
ME 372	FLUID MECHANICS II	4	6
6 Elective*	ELECTIVE COURSES	3	24

EŞDEĞER DERSLER LİSTESİ

MAKİNA MÜH.				METALURJİ MÜH.			
Kod	Ders	Kredi	ECTS	Kod	Ders	Kredi	ECTS
COMMON ELECTIVE	PHYSICAL EDUCATION	-	1	COMMON ELECTIVE	PHYSICAL EDUCATION	-	1
EP 105	GENERAL PHYSICS I	4	5	EP 105	GENERAL PHYSICS I	4	5
FE 103	GENERAL CHEMISTRY I	4	5	FE 101	GENERAL CHEMISTRY I	4	5
GME 100	GENERAL&PROFESSIONAL ETHICS	2	2	GME 100	GENERAL&PROFESSIONAL ETHICS	2	2
L.Eng 101	FRESHMAN ENGLISH I	4	5	L.Eng 101	FRESHMAN ENGLISH I	4	5
MATH 151	CALCULUS I	4	5	MATH 151	CALCULUS I	4	5
ME 113	ENGINEERING DRAWING I	4	4	ME 101	ENGINEERING GRAPHICS	3	5
TDP 101	SOCIAL AWARENESS PROJECT I	1	1	TDP 101	SOCIAL AWARENESS PROJECT I	1	1
TURK 101	TURKISH LANGUAGE I	2	2	TURK 101	TURKISH LANGUAGE I	2	2
EP 106	GENERAL PHYSICS II	4	5	EP 106	GENERAL PHYSICS II	4	5
L.Eng 102	FRESHMAN ENGLISH II	4	5	L.Eng 102	FRESHMAN ENGLISH II	4	5
MATH 152	CALCULUS II	4	5	MATH 152	CALCULUS II	4	5
ME 110	COMPUTATION FOR MECHANICAL	4	4	MET 209	COMPUTER PROGRAMMING	3	5
NON TECH. ELECT	NON TECH. ELECTIVE (ENG)	2	3	NON TECH. ELECT	NON TECH. ELECTIVE (ENG)	2	3
TDP 102	SOCIAL AWARENESS PROJECT II	2	2	TDP 102	SOCIAL AWARENESS PROJECT II	2	2
TURK 102	TURKISH LANGUAGE II	2	2	TURK 102	TURKISH LANGUAGE II	2	2
KRY 100	CAREER PLANNING	1	1	KRY 100	CAREER PLANNING	1	1
HIST 201	ATATURK'S PRIN. AND THE HIST OF THE	2	2	HIST 201	ATATURK'S PRIN. AND THE HIST OF THE	2	2
ME 201	STATICS	4	4	MET 205	STATICS&STRENGTH OF MATERIALS	2	3
ME 203	MANUFACTURING PROCESS I	4	5	MET 213	MAT. MAN. PROCESSING	4	5
ME 215	ENGINEERING MATERIALS I	4	4	MET 201	MATERIALS SCIENCE I	3	5
ME 209	NUMERICAL METHODS	3	4	MATH 255	LINEAR ALGEBRA	3	4
NON TECH. ELECT	NON TECH. ELECTIVE (ENG)	2	3	NON TECH. ELECT	NON TECH. ELECTIVE (ENG)	2	3
HIST 202	ATATURK'S PRIN. AND THE HIST. OF	2	2	HIST 202	ATATURK'S PRIN. AND THE HIST. OF	2	2
ME 216	ENGINEERING MATERIALS II	4	5	MET 202	MATERIALS SCIENCE II	4	5
ME 210	APP. MATHEMATICS FOR MECHANICAL	3	4	MATH 256	DIFF. EQUATIONS	3	4
ME 499	GRADUATION PROJECT	4	6	MET 499	GRADUATION PROJECT	3	5
ME 400	APPLIED ENGINEERING EDUCATION	4	30	MET 400	ENGINEERING ORIENTATION	4	30