

Course Tracking Schedule							
Eski Katalog				Yeni Katalog			
Semester 1				Semester 1			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC101	Introduction to Optics	(3-0)3	4	OPAC101	Introduction to Optics	(3-0)3	4
OPAC103	Geometric Optics Laboratory	(0-2)1	1	OPAC103	Geometric Optics Laboratory	(0-2)1	1
EP111	Mechanics	(3-0)3	4	EP111	Mechanics	(3-0)3	4
MATH151	Calculus I	(4-0)4	5	MATH151	Calculus I	(4-0)4	5
FE103	General Chemistry	(4-0)4	5	FE103	General Chemistry	(4-0)4	5
LENG101	Freshman English I	(4-0)4	5	LENG101	Freshman English I	(4-0)4	5
GME100	General and Professional Ethics*	(2-0)2	2	GME100	General and Professional Ethics*	(2-0)2	2
TURK101	Turkish 1*	(2-0)2	2	TURK101	Turkish 1*	(2-0)2	2
TDP101	Social Awareness Project I*	(0-2)1	1	TDP101	Social Awareness Project I*	(0-2)1	1
EP 135	General Physics Lab I	(0-2)1	1	EP 135	General Physics Lab I	(0-2)1	1
	Total Credit	20+5	30		Total Credit	20+5	30
Semester 2				Semester 2			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC102	Introduction to Acoustics	(3-0)3	3	OPAC102	Introduction to Acoustics	(3-0)3	3
OPAC104	Acoustic Laboratory	(0-2)1	1	OPAC104	Acoustic Laboratory	(0-2)1	1
OPAC110	Visual Optics	(0-2)1	2	OPAC110	Visual Optics	(0-2)1	1
EP124	Electricity and Magnetism	(3-0)3	4	EP124	Electricity and Magnetism	(3-0)3	4
ME101	Engineering Graphics	(2-2)3	4	ME101	Engineering Graphics	(2-2)3	4
MATH152	Calculus II	(4-0)4	5	MATH152	Calculus II	(4-0)4	5
LENG102	Freshman English II	(4-0)4	5	LENG102	Freshman English II	(4-0)4	5
TURK102	Turkish 2*	(2-0)2	2	TURK102	Turkish 2*	(2-0)2	2
TDP102	Social Awareness Project II*	(1-2)2	2	TDP102	Social Awareness Project II*	(1-2)2	2
EP 136	General Physics Laboratory 2	(0-2)1	1	EP 136	General Physics Laboratory 2	(0-2)1	1
GOS*	Common Elective (Non-Credit)	(0-2)1	1	GOS*	Common Elective (Non-Credit)	(0-2)1	1
KRY100	Career Planning*	(0-1)1	1	KRY100	Career Planning*	(0-1)1	1
	Total Credit	20+5	31		Total Credit	20+5	30
Semester 3				Semester 3			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC201	Physical and Modern Optics	(3-0)3	4	OPAC201	Physical and Modern Optics	(3-0)3	4
OPAC203	Physical and Modern Optics Laboratory	(0-2)1	1	OPAC203	Physical and Modern Optics Laboratory	(0-2)1	1
EP215	Circuit Analysis	(3-0)3	5	EP215	Circuit Analysis	(3-0)3	5
OPAC207	Optoelectronic and Photonics I	(3-0)3	4	OPAC207	Optoelectronic and Photonics I	(3-0)3	4
EP219	Mathematics for Engineers and Physicists I	(3-0)3	4	EP219	Mathematics for Engineers and Physicists I	(3-0)3	4
EP241	Computer Programming	(3-2)4	5	EP241	Computer Programming	(3-2)4	5
OP.....	Technical Elective 1	(3-0)3	5	OP.....	Technical Elective 1	(3-0)3	5
HIST201	History I*	(2-0)2	2	HIST201	History I*	(2-0)2	2
	Total Credit	20+2	30		Total Credit	18+6	30
Semester 4				Semester 4			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC202	Optical Instrumentation and Design I	(3-2)4	6	OPAC202	Optical Instrumentation and Design I	(3-2)4	6
OPAC206	Ultrasonic and Applications	(3-2)4	5	OPAC206	Ultrasonic and Applications	(3-2)4	6
EP226	Electronics	(3-0)3	5	EP226	Electronics	(3-0)3	5
OPAC214	Electronics Laboratory	(0-2)1	1	OPAC214	Electronics Laboratory	(0-2)1	1
EP220	Mathematics for Engineers and Physicists II	(3-0)3	4	EP220	Mathematics for Engineers and Physicists II	(3-0)3	5
OP.....	Technical Elective 2	(3-0)3	5				
OPAC024	Occupational Health and Safety*	(2-0)2	2	OPAC024	Occupational Health and Safety*	(2-0)2	2
HIST202	History II*	(2-0)2	2	HIST202	History II	(2-0)2	2
ENG***	Non-Technical Elective1	(2-0)2	3	ENG***	Non-Technical Elective1	(2-0)2	3
	Total Credit	20+4	33		Total Credit	17+4	30
Semester 5				Semester 5			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC301	Lasers	(3-0)3	5	OPAC301	Lasers	(3-0)3	5
OPAC305	Environmental and Industrial Noise Control I	(3-2)4	6	OPAC305	Environmental and Industrial Noise Control I	(3-2)4	6
EP331	Electromagnetic Theory I	(3-0)3	5	EP331	Electromagnetic Theory I	(3-0)3	5
OPAC309	Architectural Acoustics	(4-0)4	5	OPAC309	Architectural Acoustics	(4-0)4	5
OPAC311	Radiometry and Photo.	(4-0)4	6	OPAC311	Radiometry and Photo.	(4-0)4	6
ENG***	Non-Technical Elective2	(2-0)2	3	ENG***	Non-Technical Elective2	(2-0)2	3
	Total Credit	20+0	30		Total Credit	20+0	30
Semester 6				Semester 6			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC302	Illumination Engineering and Design I	(3-2)4	5	OPAC302	Illumination Engineering and Design I	(3-2)4	5
OPAC304	Fiber Optics and Applications	(3-0)3	4	OPAC304	Fiber Optics and Applications	(3-0)3	4
OPAC310	Advanced Optic and Acoustic Laboratory	(0-2)1	1	OPAC310	Advanced Optic and Acoustic Laboratory	(0-2)1	1
OP.....	Technical Elective 3	(3-0)3	5	OP.....	Technical Elective 2	(3-0)3	5
OP.....	Technical Elective 4	(3-0)3	5	OP.....	Technical Elective 3	(3-0)3	5
OP.....	Technical Elective 5	(3-0)3	5	OP.....	Technical Elective 4	(3-0)3	5
OP.....	Technical Elective 6	(3-0)3	5	OP.....	Technical Elective 5	(3-0)3	5
	Total Credit	18+3	30		Total Credit	18+3	30
Semester 7				Semester 7			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC499	Graduation Project	(3-0)3	3	OPAC499	Graduation Project	(3-0)3	3
ENG499	Multi Disciplinary Project*	(1-2)2	2	ENG499	Multi Disciplinary Project*	(1-2)2	2
OP.....	Technical Elective 7	(3-0)3	5	OP.....	Technical Elective 6	(3-0)3	5
OP.....	Technical Elective 8	(3-0)3	5	OP.....	Technical Elective 7	(3-0)3	5
OP.....	Technical Elective 9	(3-0)3	5	OP.....	Technical Elective 8	(3-0)3	5
OP.....	Technical Elective 10	(3-0)3	5	OP.....	Technical Elective 9	(3-0)3	5
OP.....	Technical Elective 11	(3-0)3	5	OP.....	Technical Elective 10	(3-0)3	5
	Total Credit	18+2	30		Total Credit	18	30
Semester 8				Semester 8			
Code	Course Name	Credit	AKTS	Code	Course Name	Credit	AKTS
OPAC 400	Engineering Orientation	(4-0)4	30	OPAC 400	Engineering Orientation	(4-0)4	30
	TOTAL		244		TOTAL		240