

ENERGY ENGINEERING 2020-2021 SPRING COURSE SCHEDULE

2 nd SEMESTER (Registered Before 2018-19)				2 nd SEMESTER (Registered After 2018-19)			
CODE	COURSE NAME	CREDITS/ECTS	LH	CODE	COURSE NAME	CREDITS/ECTS	LH
ENE102	COMPUTER PROGRAMING (Savaş Yağlıkçı)	4/5	3 + 2	ENE112	COMPUTER PROGRAMMING (Savaş Yağlıkçı)	3/3	2 + 2
CHM102	BASIC CHEMISTRY II (Gözde Aydoğdu)	3/5	2 + 2	CHM122	GENERAL CHEMISTRY II (Gözde Aydoğdu)	3/4	3 + 0
ENG0102	DEVELOPMENT OF READING AND WRITING SKILLS IN ENGLISH II (Cihan Güntürk)	2/1	2 + 0	ENG102	DEVELOPMENT OF READING AND WRITING SKILLS IN ENGLISH II (Gamze Tetik)	4/2	4 + 0
HIS102	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II (Çağla Tağmat)	2/1	2 + 0	HIS102	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II (Çağla Tağmat)	2/1	2 + 0
PHY122	PHYSICS II (Eyüp Duman)	4/6	3 + 2	PHY0104	PHYSICS II (Eyüp Duman)	4/7	4 + 0
PHY172	GENERAL PHYSICS LAB. (Fulya Bağcı)	2/4	0 + 3	PHY0154	GENERAL PHYSICS LAB. (Çağır Kaderoğlu)	2/3	0 + 3
MTH102	CALCULUS II (Oktay Ölmez)	5/7	4 + 0	MTH0102	CALCULUS II (Oktay Ölmez)	4/7	4 + 0
TUR102	TURKISH LANGUAGE II (Meltem Ayabakan)	2/1	2 + 0	TUR102	TURKISH LANGUAGE II (Meltem Ayabakan)	2/1	2 + 0
				OUL102	TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS	1/2	1 + 0

1 st YEAR SPRING SCHEDULE							
	MONDAY		TUESDAY		WEDNESDAY		THURSDAY
08:30-09:15	MTH102-0102 (08:00)		ENE102-112				ENE102-112
09:30-10:15	MTH102-0102		ENE102-112				ENE102-112
10:30-11:15	MTH102-0102		PHY122-0104		HIS 102		PHY122-0104
11:30-12:15	MTH102-0102	TUR 102 (12:00)	PHY122-0104		HIS 102		PHY122-0104
12:30-13:15		TUR 102	OUL102				PHY122-0104
13:30-14:15	CHM102-122				PHY0154	PHY172	
14:30-15:15	CHM102-122				PHY0154	PHY172	
15:30-16:15	CHM102-122		ENG 102 (at 16:00)		ENG 0102		
16:30-17:15	CHM102-122		ENG 102		ENG 0102		
17:30-18:15			ENG 102	TUR 102 (for foreign students)	PHY172		
18:30-19:15			ENG 102	TUR 102 (for foreign students)	PHY172		

4 th SEMESTER (Registered Before 2018-19)				4 th SEMESTER (Registered After 2018-19)			
CODE	COURSE NAME	CREDITS / ECTS	LH	CODE	COURSE NAME	CREDITS / ECTS	LH
ENE 202	ENGINEERING THERMODYNAMICS 1 (Savaş Yağlıkçı)	3/5	2 + 2	ENE202	ENGINEERING THERMODYNAMICS 1 (Savaş Yağlıkçı)	3/5	2 + 2
ENE 204	ENERGY AND ENVIRONMENT (Işık Semerci)	3/5	3 + 0	ENE214	ENERGY AND ENVIRONMENT (Işık Semerci)	3/4	3 + 0
ENE 206	FLUID MECHANICS (Mustafa Tutar)	4/6	3 + 2	ENE216	FLUID MECHANICS (Mustafa Tutar)	4/5	3 + 2
ENE 208	MECHANICS (Kaan Soysal)	3/5	3 + 0	ENE218	MECHANICS (Kaan Soysal)	3/4	3 + 0
ENE 210	NUMERICAL ANALYSIS (Özgür Selimoğlu)	3/5	2 + 2	ENE220	NUMERICAL ANALYSIS (Özgür Selimoğlu)	3/4	2 + 2
ENG 0202	ADVANCED READING AND COMMUNICATION TECHNIQUES IN ENGLISH II (Cihan Güntürk)	2/1	2 + 0	ENG 202	ADVANCED READING AND COMMUNICATION TECHNIQUES IN ENGLISH II (Cihan Güntürk)	4/2	4 + 0
ENS3XX	NON-DEPARTMENTAL ELECTIVE COURSE	3/3	3 + 0	SHESCIUNVELC	SPORT AND HEALTH SCIENCES (MODULE 4)	2/3	2 + 0
				SCIENGUNVELC	SCIENCE AND ENGINEERING (MODULE 2)	2/3	2 + 0

ENS360	PUBLIC RELATIONS (Beris Artan Özoran)	3/3					
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2 nd YEAR SPRING SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15				ENE 210-220	
09:30-10:15	ENG 202	ENG 202	ENE 204-214	ENE 210-220	
10:30-11:15	ENG 202	ENG 202	ENE 204-214	ENE 202	
11:30-12:15		ENG 0202	ENE 204-214	ENE 202	
12:30-13:15		ENG 0202			
13:30-14:15	ENE 202		ENE 206-216	ENS360	ENE 206-216
14:30-15:15	ENE 202	ENE 208-218	ENE 206-216	ENS360	ENE 206-216
15:30-16:15	ENE 210-220	ENE 208-218		ENS360	ENE 206-216
16:30-17:15	ENE 210-220	ENE 208-218			

6 th EMESTER (Registered Before 2018-19)				6 th SEMESTER (Registered After 2018-19)			
CODE	COURSE NAME	CREDITS / ECTS	LH	CODE	COURSE NAME	CREDITS / ECTS	LH
ENE310	ENGINEERING LABORATORY 1	2/5	0 + 4	ENE320	ENGINEERING LAB I	2/4	0 + 4
ENE302	ENERGY CONVERSION PROCESSES II (Özcan Köysüren - Eyüp Duman - Işık Semerci)	3/5	2 + 2	ENE322	ENERGY CONVERSION PROCESSES (Özgür Selimoğlu)	3/5	3 + 2
ENE306	SUSTAINABLE ENERGY (İsmail Kalemci)	3/5	2 + 2	LNGLRNUNVELC	LANGUAGE LEARNING (MODULE 6)	2/3	2 + 0
ENE308	MANAGEMENT IN ENERGY ENGINEERING (Naci Işıklı)	3/5	3 + 0	ENE3XX	ELECTIVE COURSE	3/4	3 + 0
ENE304	MATERIALS IN ENERGY TECHNOLOGIES (Özcan Köysüren)	3/4	3 + 0	ENE3XX	ELECTIVE COURSE	3/4	3 + 0
ENE3XX	ELECTIVE COURSE	3/5	3 + 0	ENE3XX	ELECTIVE COURSE	3/4	3 + 0
				ENE3XX	ELECTIVE COURSE	3/4	3 + 0

ENE328	COMPOSITE MATERIALS (Kaan Soysal)	3/4	3 + 0	ENE318	MANAGEMENT IN ENERGY ENGINEERING (Naci Işıklı)	3/4	3 + 0
				ENE316	SUSTAINABLE ENERGY (İsmail Kalemci)	3/4	2 + 2
				ENE314	MATERIALS IN ENERGY TECHNOLOGIES (Özcan Köysüren)	3/4	3 + 0
				ENE358	COMPOSITE MATERIALS (Kaan Soysal)	3/4	3 + 0

3 rd YEAR SPRING SCHEDULE							
	MONDAY	TUESDAY		WEDNESDAY	THURSDAY		FRIDAY
08:30-09:15							ENE310-320
09:30-10:15		ENE308-318		ENE304-314	ENE328-358		ENE310-320
10:30-11:15		ENE308-318		ENE304-314	ENE328-358		ENE310-320
11:30-12:15		ENE308-318		ENE304-314	ENE328-358		ENE310-320
12:30-13:15							
13:30-14:15	ENE306-316	ENE322	ENE302				
14:30-15:15	ENE306-316	ENE322	ENE302		ENE322	ENE302	
15:30-16:15	ENE306-316	ENE322			ENE322	ENE302	
16:30-17:15	ENE306-316						

8 th SEMESTER (Registered Before 2018-19)				8 th SEMESTER (Registered After 2018-19)			
CODE	COURSE NAME	CREDITS / ECTS	LH	CODE	COURSE NAME	CREDITS / ECTS	LH
ENE402	ENERGY DESIGN PROJECT II	5/6	3 + 4	ENE402	ENERGY DESIGN PROJECT II (not offered)	5/6	3 + 4
ENE404	GRADUATION PROJECT	3/4	3 + 0	ENE406	GRADUATION PROJECT (not offered)	3/4	1 + 2
ENE414	OCCUPATIONAL HEALTH AND SAFETY II (Şenay Özdemir)	1/1	1 + 0	ENE414	OCCUPATIONAL HEALTH AND SAFETY II (Şenay Özdemir)	1/1	1 + 0
ENE4XX	ELECTIVE COURSE	3/5	3 + 0	ENE4XX	ELECTIVE COURSE	3/4	3 + 0
ENE4XX	ELECTIVE COURSE	3/5	3 + 0	ENE4XX	ELECTIVE COURSE	3/4	3 + 0
ENE4XX	ELECTIVE COURSE	3/5	3 + 0	ENE4XX	ELECTIVE COURSE	3/4	3 + 0
ENE4XX	ELECTIVE COURSE	3/5	3 + 0	ENE4XX	ELECTIVE COURSE	3/4	3 + 0
				SHESCIUNVELC	SPORT AND HEALTH SCIENCES (MODULE 4)	2/3	2 + 0

ENE426	SILICON TECHNOLOGY (Kaan Soysal)	3/5	3 + 0				
ENE428	ELECTRICAL AND MAGNETIC PROPERTIES OF MATERIALS (Eyüp Duman)	3/5	3 + 0				
ENE436	NUCLEAR ENERGY (Eren Şahiner)	3/5	3 + 0				
ENE446	TRANSPORT PHENOMENA (Özcan Köysüren)	3/5	3 + 0				
ENE450	HARVESTING ENERGY FROM LIGNOCELLULOSIC BIOMASS (Işık Semerci)	3/5	3 + 0				

4 th YEAR SPRING SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15	ENE402				
09:30-10:15	ENE402		ENE428	ENE450	
10:30-11:15	ENE402	ENE404	ENE428	ENE450	
11:30-12:15	ENE402	ENE404	ENE428	ENE450	
12:30-13:15		ENE404			ENE426
13:30-14:15	ENE446		ENE436		ENE426
14:30-15:15	ENE446	ENE402	ENE436		ENE426
15:30-16:15	ENE446	ENE402	ENE436		ENE414 (16:00)
16:30-17:15		ENE402			

COURSE CODE	COURSE NAME	CREDITS/ ECTS	LECTURE HOURS	LECTURER
ENE 505	APPLIED COMPUTATIONAL FLUID DYNAMICS IN RENEWABLE ENERGY TECHNOLOGIES	3/8	3+0	Mustafa Tutar
ENE 502	MATHEMATICAL MODELLING IN TRANSPORT PHENOMENA	3/8	3+0	Özcan Köysüren
ENE 508	PLATFORM CHEMICAL BIOREFINERY	3/8	3+0	Işık Semerci
ENE 509	ENERGY HARVESTING AND CONVERSION	3/8	3+0	Eyüp Duman

2020-21 SPRING - GRADUATE COURSE SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15					
09:30-10:15		ENE 502	ENE 505		ENE 508
10:30-11:15		ENE 502	ENE 505		ENE 508
11:30-12:15		ENE 502	ENE 505		ENE 508
12:30-13:15					
13:30-14:15			ENE 509		
14:30-15:15			ENE 509		
15:30-16:15			ENE 509		
16:30-17:15					