

ENERGY ENGINEERING 2022-2023 SPRING COURSE SCHEDULE
Undergraduate Courses

2 nd SEMESTER (Registered Before 2018-19)				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 102	COMPUTER PROGRAMING	Savaş Yağlıkçı	4/5	3 + 2
CHM 102	BASIC CHEMISTRY II	Serap Durgut	3/5	2 + 2
ENG 0102	DEVELOPMENT OF READING AND WRITING SKILLS IN ENGLISH II		2/1	2 + 0
HIS 102	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II	Ahmet Şamil Gürer	2/1	2 + 0
PHY 122	PHYSICS II	Eyüp Duman	4/6	3 + 2
PHY 172	GENERAL PHYSICS LAB.	Yeşim Moğulkoç	2/4	0 + 3
MTH 102	CALCULUS II	Musa Emre Kavgacı	5/7	4 + 0
TUR 102	TURKISH LANGUAGE II	Meltem Ayabakan	2/1	2 + 0

2 nd SEMESTER (Registered After 2018-19)				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 112	COMPUTER PROGRAMMING	Savaş Yağlıkçı	3/3	2 + 2
CHM 122	GENERAL CHEMISTRY II	Serap Durgut	3/4	3 + 0
ENG 102	DEVELOPMENT OF READING AND WRITING SKILLS IN ENGLISH II	Sevda Erdoğan	4/2	4 + 0
HIS 102	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II	Ahmet Şamil Gürer	2/1	2 + 0
PHY 0104	PHYSICS II	Eyüp Duman	4/7	4 + 0
PHY 0154	GENERAL PHYSICS LAB.	Ahmet Karatay	2/3	0 + 3
MTH 0102	CALCULUS II	Musa Emre Kavgacı	4/7	4 + 0
TUR 102	TURKISH LANGUAGE II	Meltem Ayabakan	2/1	2 + 0
OUL 102	TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS		1/2	1 + 0
	SHESCIUNVELC			

1st YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 102-112 (ENE2)	PHY 122-0104 (ENE2)		PHY 122-0104 (ENE2)	ENE 102-112 (ENE2)
10:30 - 11:15	ENE 102-112 (ENE2)	PHY 122-0104 (ENE2)		PHY 122-0104 (ENE2)	ENE 102-112 (ENE2)
11:30 - 12:15	TUR 102 (online) begins at 12:00				
12:30 - 13:15	TUR 102 (online)				
13:30 - 14:15	ENG 102 (ENE Sem. R.)	MTH 102-0102 (Jeo. Eng. J1)		PHY 0154 (Tandoğan Camp. Phy. Eng. Dept.)	CHM 102-122 (ENE2)
14:30 - 15:15	ENG 102 (ENE Sem. R.)	MTH 102-0102 (Jeo. Eng. J1)		PHY 0154 (Tandoğan Camp. Phy. Eng. Dept.)	CHM 102-122 (ENE2)
15:30 - 16:15	ENG 102 (ENE Sem. R.)	MTH 102-0102 (Jeo. Eng. J1)			CHM 102-122 (ENE2)
16:30 - 17:15	ENG 102 (ENE Sem. R.)	MTH 102-0102 (Jeo. Eng. J1)			
17:30 - 18:15			HIS 102 (online)		
18:30 - 19:15			HIS 102 (online)		

Commented [BT1]: HIS 102 will open in 3 sections
Students may select the one that suit them best.

4 th SEMESTER (Registered Before 2018-19)				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 202	ENGINEERING THERMODYNAMICS I	Savaş Yağlıkçı	3/5	2 + 2
ENE 204	ENERGY AND ENVIRONMENT	Işık Semerci	3/5	3 + 0
ENE 206	FLUID MECHANICS	Mustafa Tutar	4/6	3 + 2
ENE 208	MECHANICS	Kaan Soysal	3/5	3 + 0
ENE 210	NUMERICAL ANALYSIS	Özgür Selimoğlu	3/5	2 + 2
ENG 0202	ADVANCED READING AND COMMUNICATION TECHNIQUES IN ENGLISH II		2/1	2 + 0
ENS XXX	NON-DEPARTMENTAL ELECTIVE COURSE	-	3/3	3 + 0

ENS XXX				
ENS 220	BUSINESS MANAGEMENT		3/3	3 + 0

4 th SEMESTER (Registered After 2018-19)				
Course name	Lecturer	Credits/ ECTS	L.Hs.	
ENE 202	ENGINEERING THERMODYNAMICS I	Savaş Yağlıkçı	3/5	2 + 2
ENE 214	ENERGY AND ENVIRONMENT	Işık Semerci	3/4	3 + 0
ENE 216	FLUID MECHANICS	Mustafa Tutar	4/5	3 + 2
ENE 218	MECHANICS	Kaan Soysal	3/4	3 + 0
ENE 220	NUMERICAL ANALYSIS	Özgür Selimoğlu	3/4	2 + 2
ENG 202	ADVANCED READING AND COMMUNICATION TECHNIQUES IN ENGLISH II	Sevda Erdoğan	4/2	4 + 0
SHESCIUNVELC	SPORT AND HEALTH SCIENCES (MODULE 4)	-	2/3	2 + 0
SCIENGUNVELC	SCIENCE AND ENGINEERING (MODULE 2)	-	2/3	2 + 0

2nd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENG 202 (ENE Sem. R.)		ENE 204-214 (ENE2)		
10:30 - 11:15	ENG 202 (ENE Sem. R.)		ENE 204-214 (ENE2)		
11:30 - 12:15	ENG 202 (ENE Sem. R.)	ENE 210-220 (ENE2)	ENE 204-214 (ENE2)	ENE 206-216 (ENE2)	ENE 202 (ENE2)
12:30 - 13:15	ENG 202 (ENE Sem. R.)	ENE 210-220 (ENE2)		ENE 206-216 (ENE2)	ENE 202 (ENE2)
13:30 - 14:15			ENE 208-218 (ENE2)		
14:30 - 15:15	ENE 202 (ENE2)	ENE 206-216 (ENE2)	ENE 208-218 (ENE2)	ENE 210-220 (ENE2)	
15:30 - 16:15	ENE 202 (ENE2)	ENE 206-216 (ENE2)	ENE 208-218 (ENE2)	ENE 210-220 (ENE2)	
16:30 - 17:15		ENE 206-216 (ENE2)			
17:30 - 18:15					
18:30 - 19:15					

6 th SEMESTER (Registered Before 2018-19)				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 310	ENGINEERING LABORATORY I	2/5	0 + 4	
ENE 302	ENERGY CONVERSION PROCESSES II	3/5	2 + 2	
ENE 306	SUSTAINABLE ENERGY	3/5	2 + 2	
ENE 308	MANAGEMENT IN ENERGY ENGINEERING	3/5	3 + 0	
ENE 304	MATERIALS IN ENERGY TECHNOLOGIES	3/4	3 + 0	
ENE 3XX	ELECTIVE COURSE	3/5	3 + 0	

ENE 3XX				
ENE 328	COMPOSITE MATERIALS	Kaan Soysal	3/5	3 + 0
ENE 326	NANOSCIENCE AND NANOTECHNOLOGY	Eyüp Duman	3/5	3 + 0

6 th SEMESTER (Registered After 2018-19)				
Course name	Lecturer	Credits/ ECTS	L.Hs.	
ENE 320	ENGINEERING LAB I	2/4	0 + 4	
ENE 322	ENERGY CONVERSION PROCESSES	Özgür Selimoğlu	3/5	3 + 2
LNGLRNUNVELC	LANGUAGE LEARNING (MODULE 6)		2/3	2 + 0
ENE 3XX	ELECTIVE COURSE		3/4	3 + 0
ENE 3XX	ELECTIVE COURSE		3/4	3 + 0
ENE 3XX	ELECTIVE COURSE		3/4	3 + 0
ENE 3XX	ELECTIVE COURSE		3/4	3 + 0
PPL 302	PROGRESS TO PROFESSIONAL LIFE		1/2	1 + 0

ENE 3XX				
ENE 358	COMPOSITE MATERIALS	Kaan Soysal	3/4	3 + 0
ENE 356	NANOSCIENCE AND NANOTECHNOLOGY	Eyüp Duman	3/4	3 + 0
ENE 318	MANAGEMENT IN ENERGY ENGINEERING	Naci Işıklı	3/4	3 + 0
ENE 316	SUSTAINABLE ENERGY	İsmail Kalemci	3/4	3 + 0
ENE 314	MATERIALS IN ENERGY TECHNOLOGIES	Özcan Köysüren	3/4	3 + 0

3rd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 308-318	ENE 322 (ENE4)	ENE 326-356 (ENE4)	ENE 322 (ENE4)	ENE 310-320
10:30 - 11:15	ENE 308-318	ENE 322 (ENE4)	ENE 326-356 (ENE4)	ENE 322 (ENE4)	ENE 310-320
11:30 - 12:15	ENE 308-318		ENE 326-356 (ENE4)	ENE 322 (ENE4)	ENE 310-320
12:30 - 13:15					ENE 310-320
13:30 - 14:15	ENE 304-314 (ENE4)	ENE 328-358 (ENE4)	ENE 306-316 (ENE4)		
14:30 - 15:15	ENE 304-314 (ENE4)	ENE 328-358 (ENE4)	ENE 306-316 (ENE4)		
15:30 - 16:15	ENE 304-314 (ENE4)	ENE 328-358 (ENE4)	ENE 306-316 (ENE4)		
16:30 - 17:15					
17:30 - 18:15					
18:30 - 19:15					

8 th SEMESTER (Registered Before 2018-19)				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 402	ENERGY DESIGN PROJECT II	5/6	3 + 4	
ENE 404	GRADUATION PROJECT	3/4	3 + 0	
ENE 414	OCCUPATIONAL HEALTH AND SAFETY II	Elif Akıska	1/1	1 + 0
ENE 4XX	ELECTIVE COURSE	3/5	3 + 0	
ENE 4XX	ELECTIVE COURSE	3/5	3 + 0	
ENE 4XX	ELECTIVE COURSE	3/5	3 + 0	
ENE 4XX	ELECTIVE COURSE	3/5	3 + 0	

ENE 4XX				
ENE 426	SILICON TECHNOLOGY	Kaan Soysal	3/5	3 + 0
ENE 428	ELECTRICAL AND MAGNETIC PROPERTIES OF MATERIALS	Eyüp Duman	3/5	3 + 0
ENE 446	TRANSPORT PHENOMENA	Özcan Köysüren	3/5	3 + 0
ENE 450	HARVESTING ENERGY FROM LIGNOCELLULOSIC BIOMASS	Işık Semerci	3/5	3 + 0
ENE 436	NUCLEAR ENERGY	Eren Şahiner	3/5	3 + 0
Tübitak MAM*	Computer Aided Modeling of Energy Oriented Chemical Processes (Enerji Odaklı Kimyasal Süreçlerin Bilgisayar Destekli Modellemesi)			

8 th SEMESTER (Registered After 2018-19)				
Course name	Lecturer	Credits/ ECTS	L.Hs.	
ENE 402	ENERGY DESIGN PROJECT II	5/6	3 + 4	
ENE 406	GRADUATION PROJECT	3/4	1 + 2	
ENE 414	OCCUPATIONAL HEALTH AND SAFETY II	Elif Akıska	1/1	1 + 0
ENE 4XX	ELECTIVE COURSE	3/4	3 + 0	
ENE 4XX	ELECTIVE COURSE	3/4	3 + 0	
ENE 4XX	ELECTIVE COURSE	3/4	3 + 0	
ENE 4XX	ELECTIVE COURSE	3/4	3 + 0	
SHESCIUNVELC	SPORT AND HEALTH SCIENCES (MODULE 4)	2/3	2 + 0	

ENE 4XX				
ENE 466	SILICON TECHNOLOGY	Kaan Soysal	3/4	3 + 0
ENE 468	ELECTRICAL AND MAGNETIC PROPERTIES OF MATERIALS	Eyüp Duman	3/4	3 + 0
ENE 482	TRANSPORT PHENOMENA	Özcan Köysüren	3/4	3 + 0
ENE 484	HARVESTING ENERGY FROM LIGNOCELLULOSIC BIOMASS	Işık Semerci	3/4	3 + 0
ENE 476	NUCLEAR ENERGY	Eren Şahiner	3/4	3 + 0
Tübitak MAM*	Computer Aided Modeling of Energy Oriented Chemical Processes (Enerji Odaklı Kimyasal Süreçlerin Bilgisayar Destekli Modellemesi)			

4th YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 414 (online)	ENE 402	ENE 402	ENE 426-466 (ENE5)	ENE 450-484 (online)
10:30 - 11:15		ENE 402	ENE 402	ENE 426-466 (ENE5)	ENE 450-484 (online)
11:30 - 12:15		ENE 402	ENE 402	ENE 426-466 (ENE5)	ENE 450-484 (online)
12:30 - 13:15			ENE 402		
13:30 - 14:15	Tübitak MAM (Online) begins at 14:00	ENE 428-468 (ENE5)	ENE 436-476 (ENE5)	ENE 404-406	ENE446-482 (online)
14:30 - 15:15	Tübitak MAM (Online)	ENE 428-468 (ENE5)	ENE 436-476 (ENE5)	ENE 404-406	ENE446-482 (online)
15:30 - 16:15	Tübitak MAM (Online)	ENE 428-468 (ENE5)	ENE 436-476 (ENE5)	ENE 404-406	ENE446-482 (online)
16:30 - 17:15					
17:30 - 18:15					
18:30 - 19:15					