

ENERGY ENGINEERING 2025-2026 SPRING COURSE SCHEDULE
Undergraduate Courses

ENERGY ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 112	COMPUTER PROGRAMMING	Dr. Savaş YAĞLIKÇI	3/3	2 + 2
CHM 122	GENERAL CHEMISTRY II	Prof. Dr. Sedat Odabaş	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		2/1	2 + 0
PHY 0104	PHYSICS II	Doç. Dr. Fulya BAĞCI	4/7	4 + 0
PHY 0154	GENERAL PHYSICS LAB.	Doç.Dr. Refik TURHAN	2/3	0 + 3
MTH 0102	CALCULUS II	Doç. Dr. Şerifenur CEBESoy ERDAL	4/7	4 + 0
TUR 102	TURKISH LANGUAGE II	Dr. Meltem AYABAKAN	2/1	2 + 0
OUL 102	TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS	Dr. Yasemin SAYGILI	1/2	1 + 0

ENERGY SYSTEMS ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 112	COMPUTER PROGRAMMING	Dr. Savaş YAĞLIKÇI	3/3	2 + 2
CHM 122	GENERAL CHEMISTRY II	Prof. Dr. Sedat Odabaş	3/4	3 + 0
ENG 102	DEVELOPMENT OF READING AND WRITING SKILLS IN ENGLISH II	Sevda ERDOĞAN	4/2	4 + 0
HIS 104	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II		2/2	2 + 0
PHY 0144	PHYSICS II	Doç. Dr. Fulya BAĞCI	4/6	4 + 0
PHY 0154	GENERAL PHYSICS LAB.	Doç.Dr. Refik TURHAN	2/3	0 + 3
MTH 0142	CALCULUS II	Doç. Dr. Şerifenur CEBESoy ERDAL	4/6	4 + 0
TUR 174	TURKISH LANGUAGE II	Dr. Meltem AYABAKAN	2/2	2 + 0
OUL 102	TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS	Dr. Yasemin SAYGILI	1/2	1 + 0

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15			OUL 102 (ENE Seminar Room)		MTH 0102-0142 (GEO H2)
09:30 - 10:15		TUR 102-174 (Online)	PHY 0144 (begins at 10:00) (Sait Tahsin Tekeli Classroom)	CHM 122 (CHM Classroom 1)	
10:30 - 11:15					
11:30 - 12:15					
12:30 - 13:15					
13:30 - 14:15	ENG 102 (ENE Seminar Room)	ENE 112 (Computer Laboratory)		PHY 0154 (PEN)	
14:30 - 15:15					
15:30 - 16:15					
16:30 - 17:15					

PEN: Physics Engineering Dept.
GEO: Geophysical Engineering Dept.
BME: Biomedical Engineering Dept.
CHM: Chemistry Dept.

ENERGY ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 202	ENGINEERING THERMODYNAMICS I	Dr. Savaş YAĞLIKÇI	3/5	2 + 2
ENE 214	ENERGY AND ENVIRONMENT	Dr. Yasemin SAYGILI	3/4	3 + 0
ENE 216	FLUID MECHANICS	Dr. Bilge TUNÇEL	4/5	3 + 2
ENE 218	MECHANICS	Dr. Bilge TUNÇEL	3/4	3 + 0
ENE 220	NUMERICAL ANALYSIS	Doç Dr. Işık SEMERCİ	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

ENERGY SYSTEMS ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 202	ENGINEERING THERMODYNAMICS I	Dr. Savaş YAĞLIKÇI	3/5	2 + 2
ENE 228	ENERGY AND ENVIRONMENT	Dr. Yasemin SAYGILI	2/4	2 + 0
ENE 226	FLUID MECHANICS I	Dr. Bilge TUNÇEL	3/5	3 + 0
ENE 218	MECHANICS	Dr. Bilge TUNÇEL	3/4	3 + 0
ENE 220	NUMERICAL ANALYSIS	Doç Dr. Işık SEMERCİ	3/4	2 + 2
ENG 202	ADVANCED READING AND COMMUNICATION TECHNIQUES IN ENGLISH II	Sevda ERDOĞAN	4/2	4 + 0
ENEALNSEC2	ENERGY DEPARTMENTAL ELECTIVE COURSES 2		3/3	3 + 0
UNVELC	GROUP OF UNIVERSITY OUT OF FIELD ELECTIVE COURSE		2/2	2 + 0

ENEALNSEC2

ENE 264	SUSTAINABLE ENERGY	Prof. Dr. Eren ŞAHİNER	3/3	3 + 0

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
08:30 - 09:15						
09:30 - 10:15	ENG 202 (ENE Seminar Room)	ENE 216-226 (ENE2)	ENE 218 (ENE2)	ENE 202 (ENE2)		
10:30 - 11:15						
11:30 - 12:15		ENE 202 (ENE2)			ENE 214-228 (ENE2)	
12:30 - 13:15						ENE 216 (ENE2)
13:30 - 14:15						
14:30 - 15:15	ENE 220 (ENE2)	ENE 264-316 (ENE2)			ENE 220 (ENE2)	
15:30 - 16:15						
16:30 - 17:15						

ENERGY ENGINEERING				
Course name		Lecturer	Credits/ECTS	L.Hs.
ENE 320	ENGINEERING LAB I	Prof. Dr. Özcan KÖYSÜREN Dr. Yasemin SAYGILI Dr. Savaş YAĞLIKÇI	2/4	0 + 4
ENE 322	ENERGY CONVERSION PROCESSES	Dr. Yasemin SAYGILI	3/5	3 + 2
LNGLRNUNVELC	LANGUAGE LEARNING (MODULE 6)		2/3	2 + 0
ENEALNSEC	TECHNICAL ELECTIVE COURSE		3/4	3 + 0
ENEALNSEC	TECHNICAL ELECTIVE COURSE		3/4	3 + 0
ENEALNSEC	TECHNICAL ELECTIVE COURSE		3/4	3 + 0
ENEALNSEC	TECHNICAL ELECTIVE COURSE		3/4	3 + 0
PPL 302	PROGRESS TO PROFESSIONAL LIFE	Dr. Savaş YAĞLIKÇI	1/2	1 + 0

ENEALNSEC

ENE 318	MANAGEMENT IN ENERGY ENGINEERING	Prof. Dr. Eren ŞAHİNER	3/4	3 + 0
ENE 314	MATERIALS IN ENERGY TECHNOLOGIES	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0
ENE 358	COMPOSITE MATERIALS	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0
ENE 316	SUSTAINABLE ENERGY	Prof. Dr. Eren ŞAHİNER	3/4	3 + 0

ENERGY SYSTEMS ENGINEERING				
Course name		Lecturer	Credits/ECTS	L.Hs.
ENE 320	ENGINEERING LAB I	Prof. Dr. Özcan KÖYSÜREN Dr. Yasemin SAYGILI Dr. Savaş YAĞLIKÇI	2/4	0 + 4
ENE 322	ENERGY CONVERSION PROCESSES	Dr. Yasemin SAYGILI	3/5	3 + 2
UNVELC	GROUP OF UNIVERSITY OUT OF FIELD ELECTIVE COURSE		2/3	2 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
PPL 302	PROGRESS TO PROFESSIONAL LIFE	Dr. Savaş YAĞLIKÇI	1/2	1 + 0

ENEALNSEC

ENE 318	MANAGEMENT IN ENERGY ENGINEERING	Prof. Dr. Eren ŞAHİNER	3/4	3 + 0
ENE 314	MATERIALS IN ENERGY TECHNOLOGIES	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0
ENE 358	COMPOSITE MATERIALS	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					ENE 320 (Engineering Laboratory I)
09:30 - 10:15		ENE 318 (ENE4)	ENE 314 (ENE4)	ENE 358 (ENE4)	
10:30 - 11:15					
11:30 - 12:15					
12:30 - 13:15				PPL 302 (ENE Seminar Room)	
13:30 - 14:15		ENE 264-316 (ENE2)	ENE 322 (ENE2)	ENE 322 (ENE2)	
14:30 - 15:15					
15:30 - 16:15					
16:30 - 17:15					

ENERGY ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 402	ENERGY DESIGN PROJECT II	Doç. Dr. Galip YILMAZ	5/6	3 + 4
ENE 406	GRADUATION PROJECT	Prof. Dr. Özcan KÖYSÜREN Doç. Dr. Galip YILMAZ Dr. Yasemin SAYGILI Dr. Savaş YAĞLIKÇI	3/4	1 + 2
ENE 414	OCCUPATIONAL HEALTH AND SAFETY II	Jülide Zeynep AYDIN	1/1	1 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
SHESCIUNVELC	SPORT AND HEALTH SCIENCES (MODULE 4)		2/3	2 + 0

ENEALNSEC

ENE 468	ELECTRICAL AND MAGNETIC PROPERTIES OF MATERIALS	Prof. Dr. Eyüp DUMAN	3/4	3 + 0
ENE 482	TRANSPORT PHENOMENA	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0
ENE 476	NUCLEAR ENERGY	Prof. Dr. Eren ŞAHİNER	3/4	3 + 0
ENE 478	SOLAR ENERGY	Dr. Yasemin SAYGILI	3/4	3 + 0
ENE 464	CORROSION AND OXIDATION OF METALS	Doç. Dr. Galip YILMAZ	3/4	3 + 0
MTA 468	FLIGHT GENEAL KNOWLEDGE	Doç. Dr. Tamer SARAÇYAKUPOĞLU	3/4	3 + 0
ENE 486	WIND ENERGY	Dr. Savaş YAĞLIKÇI	3/4	3 + 0

ENERGY SYSTEMS ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 410	ENERGY DESIGN PROJECT II	Doç. Dr. Galip YILMAZ	5/6	3 + 3
ENE 406	GRADUATION PROJECT	Prof. Dr. Özcan KÖYSÜREN Doç. Dr. Galip YILMAZ Dr. Yasemin SAYGILI Dr. Savaş YAĞLIKÇI	3/4	1 + 2
ENE 414	OCCUPATIONAL HEALTH AND SAFETY II	Jülide Zeynep AYDIN	1/1	1 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC	ENERGY DEPARTMENTAL ELECTIVE COURSES		3/4	3 + 0
ENEALNSEC2	ENERGY DEPARTMENTAL ELECTIVE COURSES 2		3/3	3 + 0

ENEALNSEC

ENE 468	ELECTRICAL AND MAGNETIC PROPERTIES OF MATERIALS	Prof. Dr. Eyüp DUMAN	3/4	3 + 0
ENE 482	TRANSPORT PHENOMENA	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0
ENE 476	NUCLEAR ENERGY	Prof. Dr. Eren ŞAHİNER	3/4	3 + 0
ENE 478	SOLAR ENERGY	Dr. Yasemin SAYGILI	3/4	3 + 0
ENE 464	CORROSION AND OXIDATION OF METALS	Doç. Dr. Galip YILMAZ	3/4	3 + 0
MTA 468	FLIGHT GENEAL KNOWLEDGE	Doç. Dr. Tamer SARAÇYAKUPOĞLU	3/4	3 + 0
ENEALNSEC2	WIND ENERGY	Dr. Savaş YAĞLIKÇI	3/4	3 + 0

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 402-410 (Engineering Laboratory II)	ENE 482 (ENE6)	ENE 478 (ENE6)		ENE 468 (ENE4)
10:30 - 11:15					
11:30 - 12:15					
12:30 - 13:15					
13:30 - 14:15	ENE 402-410 (Engineering Laboratory II)	ENE 414 (BME3)	ENE 476 (ENE4)	ENE 486-496 (ENE4)	MTA 468 (ENE4)
14:30 - 15:15		ENE 464 (ENE4)			
15:30 - 16:15					
16:30 - 17:15		ENE 406 (ENE Seminar Room)			
17:30 - 18:15					

