

ENERGY SYSTEMS ENGINEERING 2026-2027 FALL COURSE SCHEDULE

1st SEMESTER

Energy Engineering				
Course name		Lecturer	Credit s/ECT S	L.Hs.
MTH 0101	Calculus I	Dr. Mustafa GÜLFIRAT	4/7	4 + 0
PHY 0103	Physics I	Doç. Dr. Fulya BAĞCI	4/7	4 + 0
CHM 121	General Chemistry I	Prof. Dr. Sedat ODABAŞ	3/4	3 + 0
CHM 125	General Chemistry Laboratory	Dr. Reşit CEMALOĞLU	2/3	0 + 4
ENE 101	Introduction to Energy Engineering	Dr. Yasemin SAYGILI	1/2	1 + 0
ENE 103	Technical Drawing	Dr. Savaş YAĞLIKÇI	2/3	1 + 2
TUR 101	Turkish I	Dr. Meltem AYABAKAN İPEK	2/1	2 + 0
HIS 101	Atatürk Principles and History of Revolution I	Doç. Dr. Şamil GÜRER	2/1	2 + 0
ENG 101	Development of Reading and Writing Skills in English I	Sevda ERDOĞAN	4/2	4 + 0
OUL 101	Adaptation to University Life	Prof. Dr. Özcan KÖYSÜREN	0/0	0 + 0

Energy Systems Engineering				
Course name		Lecturer	Credit s/ECT S	L.Hs.
MTH 0141	Calculus I	Dr. Mustafa GÜLFIRAT	4/6	4 + 0
PHY 0143	Physics I	Doç. Dr. Fulya BAĞCI	4/6	4 + 0
CHM 121	General Chemistry I	Prof. Dr. Sedat ODABAŞ	3/4	3 + 0
CHM 125	General Chemistry Laboratory	Dr. Reşit CEMALOĞLU	2/3	0 + 4
ENE 105	Introduction to Energy Engineering	Dr. Yasemin SAYGILI	1/1	1 + 0
ENE 113	Technical Drawing	Dr. Savaş YAĞLIKÇI	2/2	1 + 2
TUR 171	Turkish I	Dr. Meltem AYABAKAN İPEK	2/2	2 + 0
HIS 103	Atatürk Principles and History of Revolution I	Doç. Dr. Şamil GÜRER	2/2	2 + 0
ENG 101	Development of Reading and Writing Skills in English I	Sevda ERDOĞAN	4/2	4 + 0
OUL 101	Adaptation to University Life	Prof. Dr. Özcan KÖYSÜREN	0/0	0 + 0
GENELSOSSEC 1.YY	General Social Elective Courses	-	0/2	0 + 2

1st YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15	MTH 0101-0141 (Dept. of Geophysical Engineering H2)	CHM 125 (Dept. of Chemistry Inorganic Chemistry Student Laboratory)		CHM 121 begins at 09:00 (ENE6)	PHY 0103-0143 (Dept. of Food Engineering Sait Tahsin Tekeli Classroom) begins at 10:00
09:30 - 10:15					
10:30 - 11:15					
11:30 - 12:15					
12:30 - 13:15		TUR 171 (online) begins at 12:00			
13:30 - 14:15	ENG 101 (ENE Seminar Room)				
14:30 - 15:15		ENE 103-113 (ENE Computer Laboratory)			ENE 101-105 (ENE2)
15:30 - 16:15					
16:30 - 17:15					

3rd SEMESTER

Energy Engineering				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 211	Material Science	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0
ENE 215	Material & Energy Balance	Prof. Dr. Özcan KÖYSÜREN	3/5	2 + 2
ENE 213	Circuit Analysis	Doç. Dr. Burak ÖZBEY	3/4	3 + 0
STA 249	Probability & Statistics	Dr. Yetkin TUAÇ	3/5	3 + 0
MTH 211	Differential Equations	Doç Dr. Şerifenur CEBESÖY ERDAL	3/5	2 + 2
ENG 201	Advanced Reading and Communication Techniques in English I	Sevda ERDOĞAN	4/2	4 + 0
GENELSOSEC1.YY	General Social Electives	-	0/2	0 + 2
SCIENGUNVELC	Science and Engineering (Module 2)	-	2/3	2 + 0

Energy Systems Engineering				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 211	Material Science	Prof. Dr. Özcan KÖYSÜREN	3/4	3 + 0
ENE 225	Mass & Energy Balance	Prof. Dr. Özcan KÖYSÜREN	3/5	3 + 0
ENE 223	Circuit Analysis	Doç. Dr. Burak ÖZBEY	3/3	3 + 0
STA 249	Probability & Statistics	Dr. Yetkin TUAÇ	3/5	3 + 0
MTH 211	Differential Equations	Doç Dr. Şerifenur CEBESÖY ERDAL	3/5	2 + 2
ENG 201	Advanced Reading and Communication Techniques in English I	Sevda ERDOĞAN	4/2	4 + 0
ENEALNSEC2	Energy Departmental Electives 2	-	3/3	3 + 0
UNVOU TELC	Group of University out of Field Elective Course	-	2/3	2 + 0

ENEALNSEC2

ENE 265	Engineering Economy	Prof. Dr. Alaadin VURAL	3/3	3 + 0
ENE 263	Energy & Society	Doç. Dr. Işık SEMERÇİ	3/3	3 + 0

2nd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENG 201 (ENE Seminar Room)	ENE 211 (ENE4)	ENE 215-225 (ENE4)	ENE 213-223 (ENE2)	MTH 211 (Dept. of Geophysical Engineering H2)
10:30 - 11:15					
11:30 - 12:15					
12:30 - 13:15					
13:30 - 14:15		ENE 265-359 (ENE2)	STA 249 (Dept. of Geophysical Engineering H2)		
14:30 - 15:15	ENE 263-353 (ENE4)				
15:30 - 16:15					
16:30 - 17:15					

5th SEMESTER

Energy Engineering				
Course name		Lecturer	Credits/ECTS	L.Hs.
ENE 335	Heat & Mass Transfer	Dr. Yasemin SAYGILI	3/6	2 + 2
ENE 307	Electrical Power Systems	Dr. Ömer AYDIN	3/5	3 + 0
ENE 303	Engineering Thermodynamics II	Dr. Savaş YAĞLIKÇI	3/5	2 + 2
ENEALNSEC	Energy Departmental Electives		3/4	3 + 0
ENEALNSEC	Energy Departmental Electives		3/4	3 + 0
SSCIHUUNVEL C	Social Sciences and Humanities (Module 3)		2/3	2 + 0
SCS 301	Scientific, Cultural and Social Activities Course	Dr. Savaş YAĞLIKÇI	0/3	0 + 0

ENEALNSEC

ENE 355	Measurement & Instrumentation	Doç. Dr. Abdurrahim DAL	3/4	3 + 0
ENE 357	Pumps and Compressors	Dr. Bilge TUNÇEL	3/4	3 + 0
ENE 353	Energy & Society	Doç. Dr. Işık SEMERCI		
ENE 359	Engineering Economy	Prof. Dr. Alaadin VURAL	3/4	3 + 0

Energy Systems Engineering				
Course name		Lecturer	Credits/ECTS	L.Hs.
ENE 345	Heat & Mass Transfer	Dr. Yasemin SAYGILI	3/5	3 + 2
ENE 329	Electrical Power Systems	Dr. Ömer AYDIN	3/3	3 + 0
ENE 319	Engineering Thermodynamics II	Dr. Savaş YAĞLIKÇI	3/4	2 + 2
ENE 337	Fluid Mechanics II	Dr. Bilge TUNÇEL	3/4	3 + 0
ENEALNSEC	Energy Departmental Electives		3/4	3 + 0
ENEALNSEC	Energy Departmental Electives		3/4	3 + 0
UNVOUTELC	Group of University out of Field Elective Course	-	2/3	2 + 0
SCS 301	Scientific, Cultural and Social Activities Course	Dr. Savaş YAĞLIKÇI	0/3	0 + 0

ENEALNSEC

ENE 355	Measurement & Instrumentation	Doç. Dr. Abdurrahim DAL	3/4	3 + 0
ENE 357	Pumps and Compressors	Dr. Bilge TUNÇEL	3/4	3 + 0

3rd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 335-345 (ENE2)	ENE 303-319 (ENE2)		ENE 355 (ENE4)	ENE 301
10:30 - 11:15			ENE 303-319 (ENE2)		
11:30 - 12:15					ENE 335-345 (ENE2)
12:30 - 13:15	ENE 301				
13:30 - 14:15			ENE 265-359 (ENE2)		
14:30 - 15:15	ENE 263-353 (ENE4)	ENE 329 (ENE2)		ENE 357 begins at 15:00 (ENE4)	ENE 337 (ENE4)
15:30 - 16:15					
16:30 - 17:15					

7th SEMESTER

Energy Engineering			
Course name	Lecturer	Credits/E CTS	L.Hs.
ENE 409 Energy Design Project I	Doç. Dr. Abdurrahim DAL Doç. Dr. Galip YILMAZ Dr. Özgür SELİMOĞLU Dr. Emre Aşkın ELİBOL	4/5	3 + 2
ENE 411 Engineering Laboratory II	Prof. Dr. Özcan KÖYSÜREN Dr. Özgür SELİMOĞLU Dr. Savaş YAĞLIKÇI Dr. Bilge TUNÇEL	2/4	0 + 4
ENE 497 Summer Practice	Dr. Savaş YAĞLIKÇI	0/5	0 + 0
ENE 413 Occupational Hazard and Safety I	Julide Zeynep AYDIN	1/1	1 + 0
LNGLRNUNVELC Language Learning (Module 6)		2/3	2 + 0
ENEALNSEC Energy Departmental Electives		3/4	3 + 0
ENEALNSEC Energy Departmental Electives		3/4	3 + 0
ENEALNSEC Energy Departmental Electives		3/4	3 + 0

ENEALNSEC

ENE 467 Polymer Technology	Doç. Dr. Galip YILMAZ	3/4	3 + 0
ENE 465 Energy Storage Devices	Dr. Savaş YAĞLIKÇI	3/4	3 + 0
ENE 423 Control System Analysis	Doç. Dr. Ökkeş Tolga ALTINÖZ	3/4	3 + 0
MTA 468 Flight General Knowledge	Doç. Dr. Tamer SARAÇYAKUPOĞLU		
ENE 471 The Fundamentals of Energy in Buildings	Dr. Emre Aşkın ELİBOL	3/4	3 + 0
ENE 461 Ionic Liquids in the Biorefinery Concept	Doç. Dr. Işık SEMERCİ	3/4	3 + 0

Energy Systems Engineering			
Course name	Lecturer	Credits/E CTS	L.Hs.
ENE 409 Energy Design Project I	Doç. Dr. Abdurrahim DAL Doç. Dr. Galip YILMAZ Dr. Özgür SELİMOĞLU Dr. Emre Aşkın ELİBOL	4/5	3 + 2
ENE 411 Engineering Laboratory II	Prof. Dr. Özcan KÖYSÜREN Dr. Özgür SELİMOĞLU Dr. Savaş YAĞLIKÇI Dr. Bilge TUNÇEL	2/4	0 + 4
ENE 497 Summer Practice	Dr. Savaş YAĞLIKÇI	0/5	0 + 0
ENE 413 Occupational Hazard and Safety I	Julide Zeynep AYDIN	1/1	1 + 0
ENEALNSEC2 Energy Departmental Electives 2		3/3	3 + 0
ENEALNSEC Energy Departmental Electives		3/4	3 + 0
ENEALNSEC Energy Departmental Electives		3/4	3 + 0
ENEALNSEC Energy Departmental Electives		3/4	3 + 0

ENEALNSEC

ENE 467 Polymer Technology	Doç. Dr. Galip YILMAZ	3/4	3 + 0
ENE 465 Energy Storage Devices	Dr. Savaş YAĞLIKÇI	3/4	3 + 0
ENE 423 Control System Analysis	Doç. Dr. Ökkeş Tolga ALTINÖZ	3/4	3 + 0
MTA 468 Flight General Knowledge	Doç. Dr. Tamer SARAÇYAKUPOĞLU		

ENEALNSEC2

ENE 483 The Fundamentals of Energy in Buildings	Dr. Emre Aşkın ELİBOL	3/3	3 + 0
ENE 469 Ionic Liquids in the Biorefinery Concept	Doç. Dr. Işık SEMERCİ	3/3	3 + 0
ENE 485 Process Control	Dr. Baran ÖZYURT	3/3	3 + 0

4th YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
08:30 - 09:15				ENE 411 (ENE Engineering Laboratory) begins at 09:00	ENE 423 (ENE4)	
09:30 - 10:15	ENE 461-469 (ENE4)		ENE 467 (ENE6)			
10:30 - 11:15						
11:30 - 12:15						
12:30 - 13:15	ENE 409 (ENE2)	ENE 465 (ENE6)				
13:30 - 14:15						
14:30 - 15:15		ENE 471-483 (ENE6)		ENE 413 (Dept. of Food Engineering Sait Tahsin Tekeli Classroom) begins at 15:00	ENE 485 (Dept. of Chemistry Engineering OGD)	MTA 468 (ENE6)
15:30 - 16:15						
16:30 - 17:15						