

ENERGY ENGINEERING 2024-2025 FALL COURSE SCHEDULE
Undergraduate Courses

1st SEMESTER

Energy Engineering				
Course name	Lecturer	Credit s/ECT S	L.Hs.	
MTH 0101	Calculus I	Mehmet Ünver	4/7	4 + 0
PHY 0103	Physics I	Fulya Bağcı	4/7	4 + 0
CHM 121	General Chemistry I	Gözde Aydoğdu Tığ	3/4	3 + 0
CHM 125	General Chemistry Lab.	Nuran Asmafiliz	2/3	0 + 4
ENE 101	Introduction to Energy Engineering	Yasemin Saygılı	1/2	1 + 0
ENE 103	Technical Drawing	Savaş Yağlıkçı	2/3	1 + 2
TUR 101	Turkish I	Meltem Ayabakan	2/1	2 + 0
HIS 101	Atatürk Principles and History of Revolution I	Bahar İzmir	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	Özcan Köysüren	0/0	0 + 0

Energy Systems Engineering				
Course name	Lecturer	Credit s/ECT S	L.Hs.	
MTH 0141	Calculus I	Mehmet Ünver	4/6	4 + 0
PHY 0143	Physics I	Fulya Bağcı	4/6	4 + 0
CHM 121	General Chemistry I	Gözde Aydoğdu Tığ	3/4	3 + 0
CHM 125	General Chemistry Lab.	Nuran Asmafiliz	2/3	0 + 4
ENE 105	Introduction to Energy Engineering	Yasemin Saygılı	1/1	1 + 0
ENE 113	Technical Drawing	Savaş Yağlıkçı	2/2	1 + 2
TUR 171	Turkish I	Meltem Ayabakan	2/2	2 + 0
HIS 103	Atatürk Principles and History of Revolution I	Bahar İzmir	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	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		CHM 125 (Tandoğan Campus, Chemistry Dept. Organic Chm. Lab.)			PHY 0103-0143 (FDE* Lecture Theater) begins at 10:00	
09:30 - 10:15	ENG 101 (Seminar Room)			CHM 121 (ENE4)		
10:30 - 11:15						
11:30 - 12:15						
12:30 - 13:15			Tur 101-171 (online) begins at 12:00			
13:30 - 14:15		MTH 0101-0141 (FDE* - Sait Tahsin Tekeli Classroom) begins at 14:00	ENE 103-113 (Computer Laboratory)			
14:30 - 15:15					ENE 101-105 (ENE4)	
15:30 - 16:15						
16:30 - 17:15						
17:30 - 18:15			ENE 103-113 (Computer Laboratory)			
18:30 - 19:15						

3rd SEMESTER

Energy Engineering				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 211	Material Science	Özcan Köysüren	3/4	3 + 0
ENE 215	Material & Energy Balance	Özcan Köysüren	3/5	2 + 2
ENE 213	Circuit Analysis	Burak Özbey	3/4	3 + 0
STA 249	Probability & Statistics	Yeşim Güney	3/5	3 + 0
MTH 211	Differential Equations	Elif Demirci	3/5	2 + 2
ENG 201	Advanced Reading and Communication Techniques in English I	Sevda Erdoğan	4/2	4 + 0
GENELSSOSEC1.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	Özcan Köysüren	3/4	3 + 0
ENE 225	Mass & Energy Balance	Özcan Köysüren	3/5	3 + 0
ENE 223	Circuit Analysis	Burak Özbey	3/3	3 + 0
STA 249	Probability & Statistics	Yeşim Güney	3/5	3 + 0
MTH 211	Differential Equations	Elif Demirci	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
UNVOUTELC	Group of University out of Field Elective Course	-	2/3	2 + 0

ENEALNSEC2

ENE 265	Engineering Economy	Alaaddin Vural	3/3	3 + 0
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2nd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 211 (ENE2)	ENE 265 (FDE* Arif Akman Classroom)	MTH 211 (FDE* Lecture Theater)	ENE 215-225 (ENE2)	
10:30 - 11:15					
11:30 - 12:15					
12:30 - 13:15					
13:30 - 14:15	ENG 201 (Seminar Room)	ENE 213-223 (ENE2)			STA 249 (ENE2)
14:30 - 15:15					
15:30 - 16:15					
16:30 - 17:15					
17:30 - 18:15					
18:30 - 19:15					

5th SEMESTER

Energy Engineering				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 335	Heat & Mass Transfer	Yasemin Saygılı	3/6	2 + 2
ENE 307	Electrical Power Systems	Tolga Altınöz	3/5	3 + 0
ENE 303	Engineering Thermodynamics II	Savaş Yağlıkçı	3/5	2 + 2
ENEALNSEC	Energy Departmental Electives	-	3/4	3 + 0
ENEALNSEC	Energy Departmental Electives	-	3/4	3 + 0
SSCIHUUNVELC	Social Sciences and Humanities (Module 3)	-	2/3	2 + 0
SCS 301	Scientific, Cultural and Social Activities Course	Savaş Yağlıkçı	0/3	0 + 0

Energy Systems Engineering				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 345	Heat & Mass Transfer	Yasemin Saygılı	3/5	3 + 2
ENE 329	Electrical Power Systems	Tolga Altınöz	3/3	3 + 0
ENE 319	Engineering Thermodynamics II	Savaş Yağlıkçı	3/4	2 + 2
ENE 337	Fluid Mechanics II	Mustafa Tutar	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	-	0/3	0 + 0

ENEALNSEC

ENE 355	Measurement & Instrumentation	Eyüp Duman	3/4	3 + 0
ENE 359	Engineering Economy	Alaaddin Vural	3/4	3 + 0

ENEALNSEC

ENE 355	Measurement & Instrumentation	Eyüp Duman	3/4	3 + 0
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3rd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 307-329 (EEE** L102)	ENE 359 (FDE* Arif Akman Classroom)	ENE 335-345 (ENE2)	ENE 337 (ENE3)	ENE 303-319 (ENE2)
10:30 - 11:15			ENE 303-319 (ENE2)		ENE 345 (ENE2)
11:30 - 12:15					
12:30 - 13:15					
13:30 - 14:15	ENE 355 (ENE4)				
14:30 - 15:15					
15:30 - 16:15					
16:30 - 17:15					
17:30 - 18:15					
18:30 - 19:15					

7th SEMESTER

Energy Engineering				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 409	Energy Design Project I	Mustafa Tutar Özgür Selimoğlu	4/5	3 + 2
ENE 411	Engineering Laboratory II	Savaş Yağlıkçı	2/4	0 + 4
ENE 497	Summer Practice	Savaş Yağlıkçı	0/5	0 + 0
ENE 413	Occupational Hazard and Safety I	Süleyman Selim Çallı	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

Energy Systems Engineering				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 409	Energy Design Project I		4/5	3 + 2
ENE 411	Engineering Laboratory II		2/4	0 + 4
ENE 497	Summer Practice		0/5	0 + 0
ENE 413	Occupational Hazard and Safety I		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	Özcan Köysüren	3/4	3 + 0
ENE 473	Fuels and Combustion	Savaş Yağlıkçı	3/4	3 + 0
ENE 465	Energy Storage Devices	Savaş Yağlıkçı	3/4	3 + 0
ENE 423	Control System Analysis	Tolga Altınöz	3/4	3 + 0

ENEALNSEC

ENE 467	Polymer Technology		3/4	3 + 0
ENE 473	Fuels and Combustion		3/4	3 + 0
ENE 465	Energy Storage Devices		3/4	3 + 0
ENE 423	Control System Analysis		3/4	3 + 0

4th YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15			ENE 465 (ENE3)	ENE 423 (EEE** L102)	ENE 411
10:30 - 11:15		ENE 467 (ENE4)			
11:30 - 12:15					
12:30 - 13:15					
13:30 - 14:15					ENE 473 (ENE3)
14:30 - 15:15		ENE 409		ENE 409	
15:30 - 16:15					
16:30 - 17:15					
17:30 - 18:15					
18:30 - 19:15	ENE 413 (online)				
19:30 - 20:15					

* FDE: Food Engineering

** EEE: Electrical and Electronics Engineering