

ENERGY ENGINEERING 2023-2024 FALL COURSE SCHEDULE
Undergraduate Courses

1st SEMESTER

Registered Before 2023				
Course name	Lecturer	Credits/ECTS	L.Hs.	
MTH 0101	Calculus I	Mehmet Ünver	4/7	4 + 0
PHY 0103	Physics I	Eyüp Duman	4/7	4 + 0
CHM 121	General Chemistry I	Serap Durgut	3/4	3 + 0
CHM 125	General Chemistry Lab.	Reşit Cemaloğlu	2/3	0 + 4
ENE 101	Introduction to Energy Engineering	Yasemin Saygılı	1/2	1 + 0
ENE 103	Technical Drawing	Savaş Yağlıkcı	2/3	1 + 2
TUR 101	Turkish I	Meltem Ayabakan	2/1	2 + 0
HIS 101	Atatürk Principles and History of Revolution I	Hatice Miray Vurmay Güzel	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	-	0/0	0 + 0

Registered After 2023				
Course name	Lecturer	Credits/ECTS	L.Hs.	
MTH 0101	Calculus I	Mehmet Ünver	4/7	4 + 0
PHY 0103	Physics I	Eyüp Duman	4/7	4 + 0
CHM 121	General Chemistry I	Serap Durgut	3/4	3 + 0
CHM 125	General Chemistry Lab.	Reşit Cemaloğlu	2/3	0 + 4
ENE 105	Introduction to Energy Engineering	Yasemin Saygılı	1/1	1 + 0
ENE 113	Technical Drawing	Savaş Yağlıkcı	2/2	1 + 2
TUR 101	Turkish I	Meltem Ayabakan	2/1	2 + 0
HIS 101	Atatürk Principles and History of Revolution I	Hatice Miray Vurmay Güzel	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	-	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, CHM Dept. Organic Chm. Lab.)			
09:30 - 10:15		CHM 125	PHY 0103 (ENE2)		
10:30 - 11:15		CHM 125	PHY 0103 (ENE2)		
11:30 - 12:15	TUR 101 (online) (begins at 12:00)	CHM 125			
12:30 - 13:15				ENE 103-113 Section A (Computer Lab.)	ENE 101-105 (ENE2)
13:30 - 14:15	ENG 101 (Seminar Room)	MTH 0101 (FDE Lecture Theater)	CHM 121 (ENE2)	ENE 103-113 Section A (Computer Lab.)	PHY 0103 (ENE2)
14:30 - 15:15	ENG 101 (Seminar Room)	MTH 0101 (FDE Lecture Theater)	CHM 121 (ENE2)	ENE 103-113 Section A (Computer Lab.)	PHY 0103 (ENE2)
15:30 - 16:15	ENG 101 (Seminar Room)	MTH 0101 (FDE Lecture Theater)	CHM 121 (ENE2)	ENE 103-113 Section B (Computer Lab.)	
16:30 - 17:15	ENG 101 (Seminar Room)	MTH 0101 (FDE Lecture Theater)		ENE 103-113 Section B (Computer Lab.)	
17:30 - 18:15				ENE 103-113 Section B (Computer Lab.)	
18:30 - 19:15					

3rd SEMESTER

Registered Before 2023				
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

Registered After 2023				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 211	Material Science		3/4	3 + 0
ENE 225	Mass & Energy Balance		3/5	3 + 0
ENE 223	Circuit Analysis		3/3	3 + 0
STA 249	Probability & Statistics		3/5	3 + 0
MTH 211	Differential Equations		3/5	2 + 2
ENG 201	Advanced Reading and Communication Techniques in English I		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 261	Entrepreneurship	-	3/3	3 + 0
ENE 263	Energy & Society	-	3/3	3 + 0
ENE 265	Engineering Economy	-	3/3	3 + 0

2nd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENG 201 (Seminar Room)		MTH 211 (FDE Lecture Theater)		
10:30 - 11:15	ENG 201 (Seminar Room)		MTH 211 (FDE Lecture Theater)		
11:30 - 12:15	ENG 201 (Seminar Room)		MTH 211 (FDE Lecture Theater)	ENE 215 (ENE2)	
12:30 - 13:15	ENG 201 (Seminar Room)		MTH 211 (FDE Lecture Theater)	ENE 215 (ENE2)	
13:30 - 14:15		ENE 213 (ENE2)			STA 231-249 (Online)
14:30 - 15:15	ENE 215 (ENE2)	ENE 213 (ENE2)		ENE 211 (ENE2)	STA 231-249 (Online)
15:30 - 16:15	ENE 215 (ENE2)	ENE 213 (ENE2)		ENE 211 (ENE2)	STA 231-249 (Online)
16:30 - 17:15				ENE 211 (ENE2)	
17:30 - 18:15					
18:30 - 19:15					

5th SEMSTER

Registered Before 2023				
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	-	0/3	0 + 0

Registered After 2023				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 345	Heat & Mass Transfer		3/5	3 + 2
ENE 329	Electrical Power Systems		3/3	3 + 0
ENE 303	Engineering Thermodynamics II		3/5	2 + 2
ENE 337	Fluid Mechanics II		3/4	3 + 0
ENEALNSEC	Energy Departmental Electives		3/4	3 + 0
ENEALNSEC	Energy Departmental Electives		3/4	3 + 0
UNVOU TELC	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 357	Pumps and Compressors	Mustafa Tutar	3/4	3 + 0
ENE 355	Measurement & Instrumentation	Eyüp Duman	3/4	3 + 0
ENE 359	Engineering Economy	Jülide Zeynep Aydın	3/4	3 + 0

ENEALNSEC

ENE 357	Pumps and Compressors		3/4	3 + 0
ENE 355	Measurement & Instrumentation		3/4	3 + 0

3rd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 307 (EEE L102)	ENE 303 (ENE2)		ENE 303 (ENE2)	ENE 335 (ENE2)
10:30 - 11:15	ENE 307 (EEE L102)	ENE 303 (ENE2)		ENE 303 (ENE2)	ENE 335 (ENE2)
11:30 - 12:15	ENE 307 (EEE L102)	ENE 335 (ENE2)			
12:30 - 13:15		ENE 335 (ENE2)			
13:30 - 14:15			ENE 355 (ENE4)	ENE 357 (ENE4)	
14:30 - 15:15			ENE 355 (ENE4)	ENE 357 (ENE4)	ENE 359 (Online)
15:30 - 16:15			ENE 355 (ENE4)	ENE 357 (ENE4)	ENE 359 (Online)
16:30 - 17:15					ENE 359 (Online)
17:30 - 18:15					
18:30 - 19:15					

7th SEMESTER

Registered Before 2023				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 409	Energy Design Project I	-	4/5	3 + 2
ENE 411	Engineering Lab II	-	2/4	0 + 4
ENE 497	Summer Practice	-	0/5	0 + 0
ENE 413	Occupational Hazard and Safety II	?	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

Registered After 2023				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 409	Energy Design Project I		4/5	3 + 2
ENE 411	Engineering Lab II		2/4	0 + 4
ENE 497	Summer Practice		0/5	0 + 0
ENE 413	Occupational Hazard and Safety II		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
MTA 4013	Biomass Conversion Technologies	Ersin Üresin	2/5	2 + 0
MTA 4021	Hydrogen and Fuel Cell Technology	Çiğdem Karadağ	2/5	2 + 0
MTA 4015	Introduction to Electrical Power and Energy Metrology	Şeyma Ata	2/5	2 + 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

ENEALNSEC2

ENE 483	The Fundamentals of Energy in Buildings		3/3	3 + 0
ENE 485	Process Control		3/3	3 + 0
ENE 469	Ionic Liquids in the Biorefinery Concept		3/3	3 + 0

4th YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 467 (ENE4)		ENE 409	ENE 423 (EEE L102)	ENE 411 (Engineering Laboratory)
10:30 - 11:15	ENE 467 (ENE4)		ENE 409	ENE 423 (EEE L102)	ENE 411 (Engineering Laboratory)
11:30 - 12:15	ENE 467 (ENE4)	ENE 473 (ENE4)	ENE 409	ENE 423 (EEE L102)	ENE 411 (Engineering Laboratory)
12:30 - 13:15		ENE 473 (ENE4)			ENE 411 (Engineering Laboratory)
13:30 - 14:15		ENE 473 (ENE4)	ENE 409		
14:30 - 15:15		ENE 465 (ENE4)	ENE 409		
15:30 - 16:15		ENE 465 (ENE4)			
16:30 - 17:15		ENE 465 (ENE4)			
17:30 - 18:15	MTA 4013 (online)			MTA 4021 (online)	
18:30 - 19:15	MTA 4013 (online)			MTA 4021 (online)	

EEE : Electrical and Electronics Engineering Department

FDE : Food Engineering Department

CHM : Chemistry Department