

ENERGY ENGINEERING 2022-2023 FALL COURSE SCHEDULE
Undergraduate Courses

1 st SEMESTER (Registered Before 2018-19)				
Course name		Lecturer	Credits/ECTS	L.Hs.
MTH 101	Calculus I	İbrahim Erdal	5/7	4 + 2
PHY 121	Physics I	Eyüp Duman	4/6	3 + 2
CHM 101	General Chemistry I	Serap Durkut	3/5	2 + 2
CHM 125	General Chemistry Laboratory	Nilgün Ataünal Ancın	2/4	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	Ahmet Şamil Gürer	2/1	2 + 0
ENG 0101	Development of Reading and Writing Skills in English I		2/1	2 + 0
OUL 101	Adaptation to University Life	-	0/2	0 + 0

1 st SEMESTER (Registered After 2018-19)				
Course name		Lecturer	Credits/ECTS	L.Hs.
MTH 0101	Calculus I	İbrahim Erdal	4/7	4 + 0
PHY 0103	Physics I	Eyüp Duman	4/7	4 + 0
CHM 121	General Chemistry I	Serap Durkut	3/4	3 + 0
CHM 125	General Chemistry Lab.	Nilgün Ataünal Ancın	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	Ahmet 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	-	0/2	0 + 0

1st YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15		CHM 125 (CHM - Tandoğan Campus)	ENE 103 Sect.1 (ENE Comp. Lab.)		MTH 101-0101 (begins at 09:00) (ENE Seminar Room)
09:30 - 10:15		CHM 125 (CHM - Tandoğan Campus)	ENE 103 Sect.1 (ENE Comp. Lab.)	PHY 121-0103 (ENE2)	MTH 101-0101 (ENE Seminar Room)
10:30 - 11:15		CHM 125 (CHM - Tandoğan Campus)	ENE 103 Sect.1 (ENE Comp. Lab.)	PHY 121-0103 (ENE2)	MTH 101-0101 (ENE Seminar Room)
11:30 - 12:15	TUR 101 (begins at 12:00) (online)	CHM 125 (CHM - Tandoğan Campus)	ENE 103 Sect.2 (ENE Comp. Lab.)		MTH 101-0101 (ENE Seminar Room)
12:30 - 13:15			ENE 103 Sect.2 (ENE Comp. Lab.)		
13:30 - 14:15	ENG 101 (ENE Seminar Room)		ENE 103 Sect.2 (ENE Comp. Lab.)	CHM 101-121 (ENE2)	ENE 101 (ENE2)
14:30 - 15:15	ENG 101 (ENE Seminar Room)			CHM 101-121 (ENE2)	
15:30 - 16:15	ENG 101 (ENE Seminar Room)	PHY 121-0103 (ENE2)		CHM 101-121 (ENE2)	
16:30 - 17:15	ENG 101 (ENE Seminar Room)	PHY 121-0103 (ENE2)		CHM 101-121 (ENE2)	
17:30 - 18:15					HIS 101 (online)
18:30 - 19:15					HIS 101 (online)

* For foreign students, TUR 101 will be at 12:00-13:15 on Tuesday on ekampus.

** HIS 101 will have three sections for engineering students. The lectures for these three section are on Wednesday, Thursday and Friday at 17:30, respectively. The students may register any of the sections.

3 rd SEMESTER (Registered Before 2018-19)				
Course name		Lecturer	Credits/ECTS	L.Hs.
ENE 201	Material Science	Kaan Soysal	3/6	3 + 0
ENE 205	Material & Energy Balance	Özcan Köysüren	3/6	2 + 2
ENE 203	Circuit Analysis	Burak Özbey	4/5	3 + 0
STA 231	Probability & Statistics	Özlem Kaymaz	3/5	2 + 2
MTH 211	Differential Equations	Elif Demirci	3/5	2 + 2
ENG 0201	Advanced Reading and Communication Techniques in English I		2/1	2 + 0
GENELSOSSEC1.YY	General Social Electives	-	0/2	0 + 2

3 rd SEMESTER (Registered After 2018-19)				
Course name		Lecturer	Credits/ECTS	L.Hs.
ENE 211	Material Science	Kaan Soysal	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	Özlem Kaymaz	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
GENELSOSSEC1.YY	General Social Electives	-	0/2	0 + 2
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 201 (ENE Seminar Room)	MTH 211 (FDE Amphitheatre)	ENE 203-213 (ENE2)		ENE 205-215 (ENE2)
10:30 - 11:15	ENG 201 (ENE Seminar Room)	MTH 211 (FDE Amphitheatre)	ENE 203-213 (ENE2)		ENE 205-215 (ENE2)
11:30 - 12:15	ENG 201 (ENE Seminar Room)	MTH 211 (FDE Amphitheatre)	ENE 203-213 (ENE2)		
12:30 - 13:15	ENG 201 (ENE Seminar Room)	MTH 211 (FDE Amphitheatre)			
13:30 - 14:15			ENE 205-215 (ENE2)		
14:30 - 15:15	STA 249-231 (online)		ENE 205-215 (ENE2)		ENE 201-211 (ENE2)
15:30 - 16:15	STA 249-231 (online)				ENE 201-211 (ENE2)
16:30 - 17:15	STA 249-231 (online)				ENE 201-211 (ENE2)
17:30 - 18:15					
18:30 - 19:15					

5 th SEMESTER (Registered Before 2018-19)				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 305 Heat & Mass Transfer	Işık Semerci	3/5	2 + 2	
ENE 307 Electrical Power Systems	Tolga Altınöz	3/5	3 + 0	
ENE 303 Engineering Thermodynamics II	Savaş Yağlıkçı	3/5	2 + 2	
ENE 301 Energy Conversion Processes I	Özgür Selimoğlu	3/5	2 + 2	
ENE 309 Engineering Economy	Kaan Soysal	3/5	3 + 0	
ENE 3XX Elective Course	-	3/5	3 + 0	

5 th SEMESTER (Registered After 2018-19)				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 335 Heat & Mass Transfer	Işık Semerci	2/4	2 + 2	
ENE 307 Electrical Power Systems	Tolga Altınöz	3/5	3 + 0	
ENE 303 Engineering Thermodynamics II	Savaş Yağlıkçı	2/3	2 + 2	
ENE 3XX Energy Departmental Electives	-	3/4	3 + 0	
ENE 3XX Energy Departmental Electives	-	3/4	3 + 0	
SSCIHUUNVELC *** Social Sciences and Humanities (Module 3)	-	3/4	2 + 0	
SCS 301 Scientific, Cultural and Social Activities Course	-	3/4	0 + 0	

ENE 3XX				
ENE 327 Pumps and Compressors	Mustafa Tutar	3/5	3 + 0	
ENE 325 Measurement & Instrumentation	Eyüp Duman	3/5	3 + 0	

ENE 3XX				
ENE 359 Engineering Economy	Kaan Soysal	3/4	3 + 0	
ENE 357 Pumps and Compressors	Mustafa Tutar	3/4	3 + 0	
ENE 355 Measurement & Instrumentation	Eyüp Duman	3/4	3 + 0	

3rd YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15		ENE 309-359 (ENE2)		ENE 327-357 (ENE5)	
10:30 - 11:15		ENE 309-359 (ENE2)		ENE 327-357 (ENE5)	
11:30 - 12:15		ENE 309-359 (ENE2)	ENE 303 (ENE4)	ENE 327-357 (ENE5)	ENE 305-335 (ENE2)
12:30 - 13:15			ENE 303 (ENE4)		ENE 305-335 (ENE2)
13:30 - 14:15	ENE 305-335 (ENE2)		ENE 307 (ENE4)		
14:30 - 15:15	ENE 305-335 (ENE2)		ENE 307 (ENE4)	ENE 325-355 (ENE5)	
15:30 - 16:15	ENE 303 (ENE2)		ENE 307 (ENE4)	ENE 325-355 (ENE5)	
16:30 - 17:15	ENE 303 (ENE2)	ENE 301 (ENE6)	ENE 301 (ENE6)	ENE 325-355 (ENE5)	
17:30 - 18:15		ENE 301 (ENE6)	ENE 301 (ENE6)		
18:30 - 19:15					

*** If you can not add Module Courses please check Energy Engineering electives courses. Some courses from Electrical and Electronics Engineering and Computer Engineering departments are available instead in the system.

7 th SEMESTER (Registered Before 2018-19)				
Course name		Lecturer	Credits /ECTS	L.Hs.
ENE 401	Energy Design Project I	-	4/6	3 + 2
ENE 411	Engineering Lab II	-	2/4	0 + 4
ENE 499	Summer Practice	-	0/6	0 + 0
ENE 413	Occupational Hazard and Safety	Şenay Özdemir	1/1	1 + 0
ENE 403	Control System Analysis	Tolga Altınöz	3/4	3 + 0
ENE 4XX	Energy Departmental Electives	-	3/5	3 + 0
ENE 4XX	Energy Departmental Electives	-	3/5	3 + 0

7 th SEMESTER (Registered After 2018-19)				
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	Şenay Özdemir	1/1	1 + 0
LNGLRNUNVELC ***	Language Learning (Module 6)	-	2/3	2 + 0
ENE 4XX	Energy Departmental Electives	-	3/4	3 + 0
ENE 4XX	Energy Departmental Electives	-	3/4	3 + 0
ENE 4XX	Energy Departmental Electives	-	3/4	3 + 0

ENE 4XX				
ENE 427	Polymer Technology	Özcan Köysüren	3/5	3 + 0
ENE 433	Fuels and Combustion	Kaan Soysal	3/5	3 + 0
ENE 425	Energy Storage Devices	Savaş Yağlıkçı	3/5	3 + 0

ENE 4XX				
ENE 467	Polymer Technology	Özcan Köysüren	3/4	3 + 0
ENE 473	Fuels and Combustion	Kaan Soysal	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

4th YEAR SPRING SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15		ENE 413 (begins at 09:00) (online)			
09:30 - 10:15	ENE 403-423 (ENE2)		ENE 427-467 (ENE5)	ENE 433-473 (ENE4)	ENE 411
10:30 - 11:15	ENE 403-423 (ENE2)		ENE 427-467 (ENE5)	ENE 433-473 (ENE4)	ENE 411
11:30 - 12:15	ENE 403-423 (ENE2)		ENE 427-467 (ENE5)	ENE 433-473 (ENE4)	ENE 411
12:30 - 13:15					ENE 411
13:30 - 14:15	ENE 401-409				
14:30 - 15:15	ENE 401-409		ENE 425-465 (ENE5)		
15:30 - 16:15	ENE 401-409		ENE 425-465 (ENE5)		
16:30 - 17:15	ENE 401-409		ENE 425-465 (ENE5)		
17:30 - 18:15	ENE 401-409				
18:30 - 19:15					

*** If you can not add Module Courses please check Energy Engineering electives courses. Some courses from Electrical and Electronics Engineering and Computer Engineering departments are available instead in the system.