

ENERGY ENGINEERING 2024-2025 SPRING COURSE SCHEDULE
Undergraduate Courses

ENERGY ENGINEERING				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 112	COMPUTER PROGRAMMING	Savaş Yağlıkçı	3/3	2 + 2
CHM 122	GENERAL CHEMISTRY II	Gözde Aydoğdu Tığ	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	Bahar İzmir	2/1	2 + 0
PHY 0104	PHYSICS II	Fulya Bağcı	4/7	4 + 0
PHY 0154	GENERAL PHYSICS LAB.	Fulya Bağcı	2/3	0 + 3
MTH 0102	CALCULUS II	Mustafa Gülfirat	4/7	4 + 0
TUR 102	TURKISH LANGUAGE II	Meltem Ayabakan	2/1	2 + 0
OUL 102	TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS	Yasemin Saygılı	1/2	1 + 0

ENERGY SYSTEMS ENGINEERING				
Course name	Lecturer	Credits/ ECTS	L.Hs.	
ENE 112	COMPUTER PROGRAMMING	Savaş Yağlıkçı	3/3	2 + 2
CHM 122	GENERAL CHEMISTRY II	Gözde Aydoğdu Tığ	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	Bahar İzmir	2/2	2 + 0
PHY 0144	PHYSICS II	Fulya Bağcı	4/6	4 + 0
PHY 0154	GENERAL PHYSICS LAB.	Fulya Bağcı	2/3	0 + 3
MTH 0142	CALCULUS II	Mustafa Gülfirat	4/6	4 + 0
TUR 174	TURKISH LANGUAGE II	Meltem Ayabakan	2/2	2 + 0
OUL 102	TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS	Yasemin Saygılı	1/2	1 + 0

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15				MTH 0102-0142 (ENE2)	
09:30 - 10:15	ENG 102 (ENE Seminar Room)	ENE 112 (ENE Computer Laboratory)		MTH 0102-0142 (ENE2)	PHY 0104-0144 (FDE Sait T. Tekeli) (starts at 10:00)
10:30 - 11:15	ENG 102 (ENE Seminar Room)	ENE 112 (ENE Computer Laboratory)	MTH 0102-0142 (ENE2)		PHY 0104-0144 (FDE Sait T. Tekeli)
11:30 - 12:15	ENG 102 (ENE Seminar Room)	ENE 112 (ENE Computer Laboratory)	MTH 0102-0142 (ENE2)		PHY 0104-0144 (FDE Sait T. Tekeli)
12:30 - 13:15	ENG 102 (ENE Seminar Room)	ENE 112 (ENE Computer Laboratory)			PHY 0104-0144 (FDE Sait T. Tekeli)
13:30 - 14:15			CHM 122 (ENE2)	PHY 0154 (PEN, Tandoğan Campus)	
14:30 - 15:15			CHM 122 (ENE2)	PHY 0154 (PEN, Tandoğan Campus)	
15:30 - 16:15			CHM 122 (ENE2)	PHY 0154 (PEN, Tandoğan Campus)	
16:30 - 17:15				PHY 0154 (PEN, Tandoğan Campus)	
17:30 - 18:15					
18:30 - 19:15					

PEN: Physics Engineering
FDE: Food Engineering

ENERGY ENGINEERING				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 202	ENGINEERING THERMODYNAMICS I	Savaş Yağlıkçı	3/5	2 + 2
ENE 214	ENERGY AND ENVIRONMENT	Yasemin Saygılı	3/4	3 + 0
ENE 216	FLUID MECHANICS	Bilge Tunçel	4/5	3 + 2
ENE 218	MECHANICS	Bilge Tunçel	3/4	3 + 0
ENE 220	NUMERICAL ANALYSIS	Savaş Yağlıkçı	3/4	2 + 2
ENG 202	ADVANCED READING AND COMMUNICATION TECHNIQUES IN ENGLISH II		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	Savaş Yağlıkçı	3/5	2 + 2
ENE 228	ENERGY AND ENVIRONMENT	Yasemin Saygılı	2/4	2 + 0
ENE 226	FLUID MECHANICS I	Bilge Tunçel	3/5	3 + 0
ENE 218	MECHANICS	Bilge Tunçel	3/4	3 + 0
ENE 220	NUMERICAL ANALYSIS	Savaş Yağlıkçı	3/4	2 + 2
ENG 202	ADVANCED READING AND COMMUNICATION TECHNIQUES IN ENGLISH II		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 262	NANOSCIENCE AND NANOTECHNOLOGY	Eyüp Duman	3/3	3 + 0
ENE 264	SUSTAINABLE ENERGY	Eren Şahiner	3/3	3 + 0

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 216-226 (ENE2)	ENE 218 (ENE2)	ENE 214-228 (ENE4)	ENE 262-356 (ENE4)	ENE 220 (ENE2)
10:30 - 11:15	ENE 216-226 (ENE2)	ENE 218 (ENE2)	ENE 214-228 (ENE4)	ENE 262-356 (ENE4)	ENE 220 (ENE2)
11:30 - 12:15	ENE 216-226 (ENE2)	ENE 218 (ENE2)	ENE 214-228 (ENE4)	ENE 262-356 (ENE4)	ENE 202 (ENE2)
12:30 - 13:15					ENE 202 (ENE2)
13:30 - 14:15	ENG 202 (ENE Seminar Room)	ENE 220 (ENE2)		ENE 216-226 (ENE2)	
14:30 - 15:15	ENG 202 (ENE Seminar Room)	ENE 220 (ENE2)		ENE 216-226 (ENE2)	ENE 264-316 (ENE2)
15:30 - 16:15	ENG 202 (ENE Seminar Room)	ENE 202 (ENE2)			ENE 264-316 (ENE2)
16:30 - 17:15	ENG 202 (ENE Seminar Room)	ENE 202 (ENE2)			ENE 264-316 (ENE2)
17:30 - 18:15					
18:30 - 19:15					

ENERGY ENGINEERING				
Course name	Lecturer	Credits /ECTS	L.Hs.	
ENE 320	ENGINEERING LAB I	Özcan Köysüren Yasemin Saygılı Savaş Yağlıkçı	2/4	0 + 4
ENE 322	ENERGY CONVERSION PROCESSES	Yasemin Saygılı	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	Savaş Yağlıkçı	1/2	1 + 0

ENEALNSEC

ENE 318	MANAGEMENT IN ENERGY ENGINEERING	Eren Şahiner	3/4	3 + 0
ENE 314	MATERIALS IN ENERGY TECHNOLOGIES	Özcan Köysüren	3/4	3 + 0
ENE 358	COMPOSITE MATERIALS	Özcan Köysüren	3/4	3 + 0
ENE 316	SUSTAINABLE ENERGY	Eren Şahiner	3/4	3 + 0
ENE 356	NANOSCIENCE AND NANOTECHNOLOGY	Eyüp Duman	3/4	3 + 0

ENERGY SYSTEMS ENGINEERING				
Course name	Lecturer	Credits/ ECTS	L.Hs.	
ENE 320	ENGINEERING LAB I	Özcan Köysüren Yasemin Saygılı Savaş Yağlıkçı	2/4	0 + 4
ENE 322	ENERGY CONVERSION PROCESSES	Yasemin Saygılı	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	Savaş Yağlıkçı	1/2	1 + 0

ENEALNSEC

ENE 318	MANAGEMENT IN ENERGY ENGINEERING	Eren Şahiner	3/4	3 + 0
ENE 314	MATERIALS IN ENERGY TECHNOLOGIES	Özcan Köysüren	3/4	3 + 0
ENE 358	COMPOSITE MATERIALS	Özcan Köysüren	3/4	3 + 0

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					ENE 320 (ENE Student Laboratory)
09:30 - 10:15	ENE 358 (ENE4)	ENE 314 (ENE4)		ENE 262-356 (ENE4)	ENE 320 (ENE Student Laboratory)
10:30 - 11:15	ENE 358 (ENE4)	ENE 314 (ENE4)		ENE 262-356 (ENE4)	ENE 320 (ENE Student Laboratory)
11:30 - 12:15	ENE 358 (ENE4)	ENE 314 (ENE4)		ENE 262-356 (ENE4)	ENE 320 (ENE Student Laboratory)
12:30 - 13:15					
13:30 - 14:15	ENE 322 (ENE2)	ENE 318 (ENE4)	ENE 322 (ENE4)		
14:30 - 15:15	ENE 322 (ENE2)	ENE 318 (ENE4)	ENE 322 (ENE4)		ENE 264-316 (ENE2)
15:30 - 16:15	ENE 322 (ENE2)	ENE 318 (ENE4)			ENE 264-316 (ENE2)
16:30 - 17:15					ENE 264-316 (ENE2)
17:30 - 18:15					
18:30 - 19:15					

ENERGY ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 402	ENERGY DESIGN PROJECT II	5/6	3 + 4	
ENE 406	GRADUATION PROJECT	3/4	1 + 2	
ENE 414	OCCUPATIONAL HEALTH AND SAFETY II	Süleyman Selim Çallı	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	Eyüp Duman	3/4	3 + 0
ENE 482	TRANSPORT PHENOMENA	Özcan Köysüren	3/4	3 + 0
ENE 476	NUCLEAR ENERGY	Eren Şahiner	3/4	3 + 0
ENE 478	SOLAR ENERGY	Yasemin Saygılı	3/4	3 + 0
ENE 486	WIND ENERGY	Savaş Yağlıkçı	3/4	3 + 0

ENERGY SYSTEMS ENGINEERING				
Course name	Lecturer	Credits/ECTS	L.Hs.	
ENE 410	ENERGY DESIGN PROJECT II		5/6	3 + 3
ENE 406	GRADUATION PROJECT		3/4	1 + 2
ENE 414	OCCUPATIONAL HEALTH AND SAFETY II		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		3/4	3 + 0
ENE 482	TRANSPORT PHENOMENA		3/4	3 + 0
ENE 476	NUCLEAR ENERGY		3/4	3 + 0
ENE 478	SOLAR ENERGY		3/4	3 + 0

ENEALNSEC2

ENE 496	WIND ENERGY		3/4	3 + 0
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	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:15					
09:30 - 10:15	ENE 478 (ENE5)	ENE 402	ENE 482 (ENE5)		ENE 476 (ENE4)
10:30 - 11:15	ENE 478 (ENE5)	ENE 402	ENE 482 (ENE5)		ENE 476 (ENE4)
11:30 - 12:15	ENE 478 (ENE5)	ENE 402	ENE 482 (ENE5)		ENE 476 (ENE4)
12:30 - 13:15					
13:30 - 14:15		ENE 402		ENE 468 (ENE3)	ENE 486-496 (ENE4)
14:30 - 15:15		ENE 402		ENE 468 (ENE3)	ENE 486-496 (ENE4)
15:30 - 16:15		ENE 402	ENE 406	ENE 468 (ENE3)	ENE 486-496 (ENE4)
16:30 - 17:15		ENE 402	ENE 406		
17:30 - 18:15			ENE 406		
18:30 - 19:15		ENE 414 (online) (starts at 19:00)			

