

ENERGY ENGINEERING 2021-2022 FALL COURSE SCHEDULE

1 st SEMESTER (Registered Before 2018-19)				1 st SEMESTER (Registered After 2018-19)			
CODE	COURSE NAME	CREDITS	ECTS	CODE	COURSE NAME	CREDITS	ECTS
MTH 101	Calculus I (MEHMET ÜNVER)	(4 2) 5	7	MTH 0101	Calculus I (MEHMET ÜNVER)	(4 0) 4	7
PHY 121	Physics I (EYÜP DUMAN)	(3 2) 4	6	PHY 0103	Physics I (EYÜP DUMAN)	(4 0) 4	7
CHM 101	General Chemistry I (GÖZDE AYDOĞDU TIĞ)	(2 2) 3	5	CHM 121	General Chemistry I (GÖZDE AYDOĞDU TIĞ)	(3 0) 3	4
CHM 125	General Chemistry Lab.	(0 4) 2	4	CHM 125	General Chemistry Lab.	(0 4) 2	3
ENE 101	Introduction to Energy Engineering (ÖZGÜR SELİMOĞLU)	(1 0) 1	2	ENE 101	Introduction to Energy Engineering (ÖZGÜR SELİMOĞLU)	(1 0) 1	2
ENE 103	Technical Drawing (SAVAŞ YAĞLIKÇI)	(1 2) 2	3	ENE 103	Technical Drawing (SAVAŞ YAĞLIKÇI)	(1 2) 2	3
TUR 101	Turkish I (MELTEM AYABAKAN)	(2 0) 2	1	TUR 101	Turkish I (MELTEM AYABAKAN)	(2 0) 2	1
HIS 101	Atatürk Principles and History of Revolution I (ŞAMİL GÜRER)	(2 0) 2	1	HIS 101	Atatürk Principles and History of Revolution I (ŞAMİL GÜRER)	(2 0) 2	1
ENG 0101	Development of Reading and Writing Skills in English I (BAHAR BURCU DEMİRTOLA)	(2 0) 2	1	ENG 101	Development of Reading and Writing Skills in English I (TUFAN KIĞLI)	(4 0) 4	2
OUL 103	Adaptation to University Life	(0 0) 0	2	OUL 101	Adaptation to University Life	(0 0) 0	0

1 st YEAR FALL SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15		CHM 125 (Tandoğan Campus)			
09:30-10:15	ENE 103 (online)	CHM 125 (Tandoğan Campus)	MTH 0101-101 (FDE1)	ENE 101 (ENE2)	
10:30-11:15	ENE 103 (online)	CHM 125 (Tandoğan Campus)	MTH 0101-101 (FDE1)	PHY 121-0103 (ENE2)	
11:30-12:15	ENE 103 (online)	CHM 125 (Tandoğan Campus)	MTH 0101-101 (FDE1)	PHY 121-0103 (ENE2)	
12:30-13:15			MTH 0101-101 (FDE1)	PHY 121-0103 (ENE2)	TUR 101 (12:00) (online)
13:30-14:15		CHM 101-121 (online)			TUR 101 (online)
14:30-15:15	ENG 101 (14:00) (Seminar Room)	CHM 101-121 (online)			
15:30-16:15	ENG 101 (Seminar Room)	CHM 101-121 (online)	PHY 121-0103 (ENE2)		ENG 0101 (online)
16:30-17:15	ENG 101 (Seminar Room)	CHM 101-121 (online)	PHY 121-0103 (ENE2)		ENG 0101 (online)
17:30-18:15	ENG 101 (Seminar Room)			HIS 101 (online)	
18:30-19:15				HIS 101 (online)	

Açıklamalı [BT1]: TUR 101 for foreign students will be in a different section. The first lecture will be at 12:00 on Tuesday online.

Açıklamalı [BT2]: HIS 101 will open in 3 sections on following days
 Thursday 15:30-17:15
 Thursday 17:30-19:15
 Friday 17:30-19:15
 Students can select the one that suit them best.

3 rd SEMESTER (Registered Before 2018-19)				3 rd SEMESTER (Registered After 2018-19)			
CODE	COURSE NAME	CREDITS	ECTS	CODE	COURSE NAME	CREDITS	ECTS
ENE 201	Material Science (KAAN SOYSAL)	(3 0) 3	6	ENE 211	Material Science (KAAN SOYSAL)	(3 0) 3	4
ENE 205	Material & Energy Balance (IŞIK SEMERCİ)	(2 2) 3	6	ENE 215	Material & Energy Balance (IŞIK SEMERCİ)	(2 2) 3	5
ENE 203	Circuit Analysis (BURAK ÖZBEY)	(3 0) 3	5	ENE 213	Circuit Analysis (BURAK ÖZBEY)	(3 0) 3	4
STA 231	Probability & Statistics (ÖZLEM KAYMAZ)	(2 2) 3	5	STA 249	Probability & Statistics (ÖZLEM KAYMAZ)	(3 0) 3	5
MTH 211	Differential Equations (ELİF DEMİRCİ HAMAMCIOĞLU)	(2 2) 3	5	MTH 211	Differential Equations (ELİF DEMİRCİ HAMAMCIOĞLU)	(2 2) 3	5
ENG 0201	Advanced Reading and Communication Techniques in English I	(2 0) 2	1	ENG 201	Advanced Reading and Communication Techniques in English I (TUFAN KIĞLI)	(4 0) 4	2
ART xxx	General Social Electives	(0 2) 0	2	ART xxx	General Social Electives	(0 2) 0	2
				SCIENGUNVELC	Science and Engineering (Module 2)	(2 0) 2	3

2 nd YEAR FALL SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15					
09:30-10:15	ENG 201 (Seminar Room)	ENE 205-215 (ENE2)	ENE 203 (ENE2)		ENE 201-211 (ENE2)
10:30-11:15	ENG 201 (Seminar Room)	ENE 205-215 (ENE2)	ENE 203 (ENE2)		ENE 201-211 (ENE2)
11:30-12:15	ENG 201 (Seminar Room)		ENE 203 (ENE2)		ENE 201-211 (ENE2)
12:30-13:15	ENG 201 (Seminar Room)				
13:30-14:15		MTH 211 (online)	ENE 205-215 (ENE2)		ENG 0201 (online)
14:30-15:15	STA 231- 249 (online)	MTH 211 (online)	ENE 205-215 (ENE2)		ENG 0201 (online)
15:30-16:15	STA 231- 249 (online)	MTH 211 (online)			
16:30-17:15	STA 231- 249 (online)				
17:30-18:15					
18:30-19:15					

5 th SEMESTER (Registered Before 2018-19)				5 th SEMESTER (Registered After 2018-19)			
CODE	COURSE NAME	CREDITS	ECTS	CODE	COURSE NAME	CREDITS	ECTS
ENE 305	Heat & Mass Transfer (IŞIK SEMERCİ)	(2 2) 3	5	ENE 335	Heat & Mass Transfer (IŞIK SEMERCİ)	(2 2) 4	6
ENE 307	Electrical Power Systems (TOLGA ALTINÖZ)	(3 0) 3	5	ENE 307	Electrical Power Systems (TOLGA ALTINÖZ)	(3 0) 3	5
ENE 303	Engineering Thermodynamics II (SAVAŞ YAĞLIKÇI)	(2 2) 3	5	ENE 303	Engineering Thermodynamics II (SAVAŞ YAĞLIKÇI)	(2 2) 4	5
ENE 301	Energy Conversion Processes I (ÖZGÜR SELİMOĞLU)	(2 2) 3	5	ENE 3xx	Energy Departmental Electives	(3 0) 3	4
ENE 309	Engineering Economy (KAAN SOYSAL)	(3 0) 3	5	ENE 3xx	Energy Departmental Electives	(3 0) 3	4
ENE 3xx	Energy Departmental Electives	(3 0) 3	5	SSCIHUUNVELC	Social Sciences and Humanities (Module 3)	(2 0) 2	3
				SCS 301	Scientific, Cultural and Social Activities Course	(0 0) 0	3

				ENE 359	Engineering Economy (ELECTIVE) (SUZİ ERDOĞAN)	(3 0) 3	4
ENE 327	Pumps and Compressors (ELECTIVE) (MUSTAFA TUTAR)	(3 0) 3	5	ENE 357	Pumps and Compressors (ELECTIVE) (MUSTAFA TUTAR) online	(3 0) 3	4
ENE 325	Measurement & Instrumentation (ELECTIVE) (EYÜP DUMAN)	(3 0) 3	5	ENE 355	Measurement & Instrumentation (ELECTIVE) (EYÜP DUMAN)	(3 0) 3	4

3 rd YEAR FALL SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15					
09:30-10:15	ENE 307 (ENE2)	ENE 301 (ENE4)	ENE 325-355 (ENE4)		
10:30-11:15	ENE 307 (ENE2)	ENE 301 (ENE4)	ENE 325-355 (ENE4)	ENE 301 (ENE4)	ENE 359 (11:00) (online)
11:30-12:15	ENE 307 (ENE2)		ENE 325-355 (ENE4)	ENE 301 (ENE4)	ENE 359 (online)
12:30-13:15					ENE 359 (online)
13:30-14:15	ENE 305-335 (ENE2)	ENE 309 (ENE6)		ENE 305-335 (ENE2)	
14:30-15:15	ENE 305-335 (ENE2)	ENE 309 (ENE6)		ENE 305-335 (ENE2)	ENE 327-357 (online)
15:30-16:15	ENE 303 (ENE2)	ENE 309 (ENE6)		ENE 303 (ENE2)	ENE 327-357 (online)
16:30-17:15	ENE 303 (ENE2)			ENE 303 (ENE2)	ENE 327-357 (online)
17:30-18:15					
18:30-19:15					

7 th SEMESTER (Registered Before 2018-19)				7 th SEMESTER (Registered After 2018-19) (no students yet)			
CODE	COURSE NAME	CREDITS	ECTS	CODE	COURSE NAME	CREDITS	ECTS
ENE 401	Energy Design Project I	(3 2) 4	6	ENE 409	Energy Design Project I	(3 2) 4	5
ENE 411	Engineering Lab II	(0 4) 2	4	ENE 411	Engineering Lab II	(0 4) 2	4
ENE 499	Summer Practice	(0 0) 0	6	ENE 497	Summer Practice	(0 0) 0	5
ENE 413	Occupational Hazard and Safety (ŞENAY ÖZDEMİR)	(1 0) 1	1	ENE 413	Occupational Hazard and Safety (ŞENAY ÖZDEMİR)	(1 0) 2	1
ENE 403	Control System Analysis (TOLGA ALTINÖZ)	(3 0) 3	4	LNGLRNUNVELC	Language Learning (Module 6)	(2 0) 2	3
ENE 4xx	Energy Departmental Electives	(3 0) 3	5	ENE 4xx	Energy Departmental Electives	(3 0) 3	4
ENE 4xx	Energy Departmental Electives	(3 0) 3	5	ENE 4xx	Energy Departmental Electives	(3 0) 3	4
				ENE 4xx	Energy Departmental Electives	(3 0) 3	4

				ENE 423	Control System Analysis (TOLGA ALTINÖZ)	(3 0) 3	4
ENE 427	Polymer Technology (ELECTIVE) (ÖZCAN KÖYSÜREN)	(3 0) 3	5	ENE 467	Polymer Technology (ELECTIVE) (ÖZCAN KÖYSÜREN) online	(3 0) 3	4
ENE 433	Fuels and Combustion (ELECTIVE) (KAAN SOYSAL)	(3 0) 3	5	ENE 473	Fuels and Combustion (ELECTIVE) (KAAN SOYSAL)	(3 0) 3	4
ENE 425	Energy Storage Devices	(3 0) 3	5	ENE 465	Energy Storage Devices (Savaş Yağlıkcı)	(3 0) 3	4

4 th YEAR FALL SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15	ENE 411		ENE 401		
09:30-10:15	ENE 411	ENE 427-467 (online)	ENE 401	ENE 425-465 (ENE6)	
10:30-11:15	ENE 411	ENE 427-467 (online)	ENE 401	ENE 425-465 (ENE6)	ENE 403-423 (ENE4)
11:30-12:15	ENE 411	ENE 427-467 (online)	ENE 401	ENE 425-465 (ENE6)	ENE 403-423 (ENE4)
12:30-13:15			ENE 401		ENE 403-423 (ENE4)
13:30-14:15				ENE 433-473 (ENE4)	
14:30-15:15				ENE 433-473 (ENE4)	
15:30-16:15				ENE 433-473 (ENE4)	ENE 413 (16:15) (online)
16:30-17:15					
17:30-18:15					
18:30-19:15					

COURSE CODE	COURSE NAME	CREDITS	ECTS	LECTURER
ENE 5010	Advanced Thermodynamics	(3 0) 3	8	ÖZCAN KÖYSÜREN
ENE 5031	Computational Fluid Dynamics	(3 0) 3	8	MUSTAFA TUTAR
ENE 5101	Energy Systems and Technologies	(3 0) 3	8	ÖZGÜR SELİMOĞLU
ENE 5111	Novel Materials for Energy Applications	(3 0) 3	8	EYÜP DUMAN
ENE 5000	Research Methods	(1 0) 1	3	IŞIK SEMERCİ
ENE 5081	Platform Chemical Biorefinery	(3 0) 3	8	IŞIK SEMERCİ

2019-20 FALL - GRADUATE COURSE SCHEDULE					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30-09:15					
09:30-10:15	ENE 5111 (ENE1)	ENE 5031 (ENE1)			
10:30-11:15	ENE 5111 (ENE1)	ENE 5031 (ENE1)			
11:30-12:15	ENE 5111 (ENE1)	ENE 5031 (ENE1)	ENE 5000 (ENE1)		
12:30-13:15					
13:30-14:15	ENE 5101 (ENE1)	ENE 5081 (ENE1)	ENE 5010 (ENE1)		
14:30-15:15	ENE 5101 (ENE1)	ENE 5081 (ENE1)	ENE 5010 (ENE1)		
15:30-16:15	ENE 5101 (ENE1)	ENE 5081 (ENE1)	ENE 5010 (ENE1)		
16:30-17:15					
17:30-18:15					
18:30-19:15					