

## ENERGY ENGINEERING 2019-20 FALL COURSE SCHEDULE

| 1 <sup>st</sup> SEMESTER (Registered Before 2018-19 ) |                                                                |         |      | 1 <sup>st</sup> SEMESTER (Registered After 2018-19) |                                                                |         |      |
|-------------------------------------------------------|----------------------------------------------------------------|---------|------|-----------------------------------------------------|----------------------------------------------------------------|---------|------|
| KOD                                                   | DERS ADI                                                       | KREDİ   | AKTS | KOD                                                 | DERS ADI                                                       | KREDİ   | AKTS |
| MTH 101                                               | Calculus I (ÖLMEZ)                                             | (4 2) 5 | 7    | MTH 0101                                            | Calculus I (ÖZTEPE)                                            | (4 0) 4 | 7    |
| PHY 121                                               | Physics I (DUMAN)                                              | (3 2) 4 | 6    | PHY 0103                                            | Physics I (E.D.) (DUMAN)                                       | (4 0) 4 | 7    |
| CHM 101                                               | General Chemistry I (AYDOĞDU)                                  | (2 2) 3 | 5    | CHM 121                                             | General Chemistry I (AYDOĞDU)                                  | (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 (SELİMOĞLU)                 | (1 0) 1 | 2    | ENE 101                                             | Introduction to Energy Engineering (SELİMOĞLU)                 | (1 0) 1 | 2    |
| ENE 103                                               | Technical Drawing (YAĞLIKÇI)                                   | (1 2) 2 | 3    | ENE 103                                             | Technical Drawing (YAĞLIKÇI)                                   | (1 2) 2 | 3    |
| TUR 101                                               | Turkish I (AYABAKAN)                                           | (2 0) 2 | 1    | TUR 101                                             | Turkish I (AYABAKAN)                                           | (2 0) 2 | 1    |
| HIS 101                                               | Atatürk Principles and History of Revolution I (TAĞMAT)        | (2 0) 2 | 1    | HIS 101                                             | Atatürk Principles and History of Revolution I (TAĞMAT)        | (2 0) 2 | 1    |
| ENG 0101                                              | Development of Reading and Writing Skills in English I (TETİK) | (2 0) 2 | 1    | ENG 101                                             | Development of Reading and Writing Skills in English I (TETİK) | (4 0) 4 | 2    |
| OUL 103                                               | Adaptation to University Life                                  | (0 0) 0 | 2    | OUL 103                                             | Adaptation to University Life                                  | (0 0) 0 | 2    |

| 1 <sup>st</sup> YEAR FALL SCHEDULE |                         |                              |                         |                        |                             |
|------------------------------------|-------------------------|------------------------------|-------------------------|------------------------|-----------------------------|
|                                    | MONDAY                  | TUESDAY                      | WEDNESDAY               | THURSDAY               | FRIDAY                      |
| 08:30-09:15                        | MTH 101 (EEE - L103)    | CHM 125 (Dept. of Chemistry) |                         |                        |                             |
| 09:30-10:15                        | MTH 101 (EEE - L103)    | CHM 125 (Dept. of Chemistry) | CHM 101-121 (ENE 304)   |                        |                             |
| 10:30-11:15                        | MTH 101 (EEE - L103)    | CHM 125 (Dept. of Chemistry) | CHM 101-121 (ENE 304)   | HIS 101 (ENE 304)      |                             |
| 11:30-12:15                        | MTH 101 (EEE - L103)    | CHM 125 (Dept. of Chemistry) | CHM 101-121 (ENE 304)   | HIS 101 (ENE 304)      |                             |
| 12:30-13:15                        | MTH 101 (EEE - L103)    |                              |                         |                        | ENE 103 (ENE Computer Lab.) |
| 13:30-14:15                        | ENE 101 (ENE 304)       | MTH 0101 (BME1)              | PHY 121- 0103 (ENE 304) | ENG 101-0101 (ENE 304) | ENE 103 (ENE Computer Lab.) |
| 14:30-15:15                        | PHY 121- 0103 (ENE 304) | MTH 0101 (BME1)              | PHY 121- 0103 (ENE 304) | ENG 101-0101 (ENE 304) | ENE 103 (ENE Computer Lab.) |
| 15:30-16:15                        | PHY 121- 0103 (ENE 304) | MTH 0101 (BME1)              | PHY 121- 0103 (ENE 304) | ENG 101 (ENE 304)      | ENE 103 (ENE Computer Lab.) |
| 16:30-17:15                        |                         | MTH 0101 (BME1)              |                         | ENG 101 (ENE 304)      | ENE 103 (ENE Computer Lab.) |

| 3 <sup>rd</sup> SEMESTER (Registered Before 2018-19) |                                                                    |         |      | 3 <sup>rd</sup> SEMESTER (Registered After 2018-19) |                                                                    |         |      |
|------------------------------------------------------|--------------------------------------------------------------------|---------|------|-----------------------------------------------------|--------------------------------------------------------------------|---------|------|
| KOD                                                  | DERS ADI                                                           | KREDİ   | AKTS | KOD                                                 | DERS ADI                                                           | KREDİ   | AKTS |
| ENE 201                                              | Material Science (SOYSAL)                                          | (3 0) 3 | 6    | ENE 209                                             | Engineering Thermodynamics I (YAĞLIKÇI)                            | (2 2) 3 | 5    |
| ENE 205                                              | Material & Energy Balance (SEMERCİ)                                | (2 2) 3 | 6    | ENE 205                                             | Material & Energy Balance (SEMERCİ)                                | (2 2) 3 | 6    |
| ENE 203                                              | Circuit Analysis (KARAÇOR)                                         | (3 0) 3 | 5    | ENE 203                                             | Circuit Analysis (KARAÇOR)                                         | (3 0) 3 | 5    |
| STA 231                                              | Probability & Statistics (İNAN)                                    | (2 2) 3 | 5    | STA 249                                             | Probability & Statistics (İNAN)                                    | (3 0) 3 | 5    |
| MTH 211                                              | Differential Equations (ÖZTEPE)                                    | (2 2) 3 | 5    | MTH 0211                                            | Differential Equations (DEMİRCİ)                                   | (2 2) 3 | 5    |
| ENG 0201                                             | Advanced Reading and Communication Techniques in English I (TETİK) | (2 0) 2 | 1    | ENG 201                                             | Advanced Reading and Communication Techniques in English I (TETİK) | (4 0) 4 | 2    |
| ART xxx                                              | Fine Arts                                                          | (0 2) 0 | 2    | ART xxx                                             | Fine Arts                                                          | (0 2) 0 | 2    |

| 2 <sup>nd</sup> YEAR FALL SCHEDULE |                    |                      |                |                   |                             |                   |
|------------------------------------|--------------------|----------------------|----------------|-------------------|-----------------------------|-------------------|
|                                    | MONDAY             | TUESDAY              |                | WEDNESDAY         | THURSDAY                    | FRIDAY            |
| 08:30-09:15                        |                    | MTH 211 (EEE - L101) | MTH 0211 (CE1) |                   |                             |                   |
| 09:30-10:15                        | ENE 201 (ENE 306)  | MTH 211 (EEE - L101) | MTH 0211 (CE1) | ENE 203 (ENE 306) |                             |                   |
| 10:30-11:15                        | ENE 201 (ENE 306)  | MTH 211 (EEE - L101) | MTH 0211 (CE1) | ENE 203 (ENE 306) | ENG 0201 (ENE Seminar Room) | ENE 209 (ENE 304) |
| 11:30-12:15                        | ENE 201 (ENE 306)  | MTH 211 (EEE - L101) |                | ENE 203 (ENE 306) | ENG 0201 (ENE Seminar Room) | ENE 209 (ENE 304) |
| 12:30-13:15                        |                    |                      |                |                   |                             |                   |
| 13:30-14:15                        | STA 231-249 (BME2) | ENG 201 (FE2)        |                | ENE 209 (ENE 306) | ENE 205 (ENE 306)           | ENE 205 (ENE 304) |
| 14:30-15:15                        | STA 231-249 (BME2) | ENG 201 (FE2)        |                | ENE 209 (ENE 306) | ENE 205 (ENE 306)           | ENE 205 (ENE 304) |
| 15:30-16:15                        | STA 231-249 (BME2) | ENG 201 (FE2)        |                |                   |                             |                   |
| 16:30-17:15                        | STA 231-249 (BME2) | ENG 201 (FE2)        |                |                   |                             |                   |

| 5 <sup>th</sup> SEMESTER (Registered Before 2018-19) |                                                  |         |      | 5 <sup>th</sup> SEMESTER (Registered After 2018-19 ) |                                      |         |      |
|------------------------------------------------------|--------------------------------------------------|---------|------|------------------------------------------------------|--------------------------------------|---------|------|
| KOD                                                  | DERS ADI                                         | KREDİ   | AKTS | KOD                                                  | DERS ADI                             | KREDİ   | AKTS |
| ENE 301                                              | Energy Conversion Processes I (SELİMOĞLU)        | (2 2) 3 | 5    | ENE 305                                              | Heat & Mass Transfer (SEMERCİ)       | (2 2) 3 | 5    |
| ENE 303                                              | Engineering Thermodynamics II (YAĞLIKÇI)         | (2 2) 3 | 5    | ENE 307                                              | Electrical Power Systems (ALTINÖZ)   | (2 2) 3 | 5    |
| ENE 305                                              | Heat & Mass Transfer (SEMERCİ)                   | (2 2) 3 | 5    | ENE 315                                              | Material Science (ELECTIVE) (SOYSAL) | (3 0) 3 | 5    |
| ENE 307                                              | Electrical Power Systems (ALTINÖZ)               | (3 0) 3 | 5    |                                                      |                                      |         |      |
| ENE 309                                              | Engineering Economy (SOYSAL)                     | (3 0) 3 | 5    |                                                      |                                      |         |      |
| ENE 327                                              | Pumps and Compressors (ELECTIVE) (TUTAR)         | (3 0) 3 | 5    |                                                      |                                      |         |      |
| ENE 325                                              | Measurement & Instrumentation (ELECTIVE) (DUMAN) | (3 0) 3 | 5    |                                                      |                                      |         |      |

| 3 <sup>rd</sup> YEAR FALL SCHEDULE |                   |                   |                   |                   |                   |        |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|
|                                    | MONDAY            |                   | TUESDAY           | WEDNESDAY         | THURSDAY          | FRIDAY |
| 08:30-09:15                        |                   |                   |                   |                   |                   |        |
| 09:30-10:15                        |                   | ENE 315 (ENE 306) | ENE 327 (ENE 304) | ENE 325 (ENE 308) |                   |        |
| 10:30-11:15                        | ENE 301 (ENE 304) | ENE 315 (ENE 306) | ENE 327 (ENE 304) | ENE 325 (ENE 308) | ENE 305 (ENE 306) |        |
| 11:30-12:15                        | ENE 301 (ENE 304) | ENE 315 (ENE 306) | ENE 327 (ENE 304) | ENE 325 (ENE 308) | ENE 305 (ENE 306) |        |
| 12:30-13:15                        |                   |                   |                   |                   |                   |        |
| 13:30-14:15                        | ENE 309 (ENE 306) |                   | ENE 307 (ENE 304) | ENE 305 (ENE 308) | ENE 301 (ENE 308) |        |
| 14:30-15:15                        | ENE 309 (ENE 306) |                   | ENE 307 (ENE 304) | ENE 305 (ENE 308) | ENE 301 (ENE 308) |        |
| 15:30-16:15                        | ENE 309 (ENE 306) |                   | ENE 307 (ENE 304) | ENE 303 (ENE 308) | ENE 303 (ENE 306) |        |
| 16:30-17:15                        |                   |                   |                   | ENE 303 (ENE 308) | ENE 303 (ENE 306) |        |

| 7 <sup>th</sup> SEMESTER (Registered Before 2018-19) |                                             |         |      | 7 <sup>th</sup> SEMESTER (Registered After 2018-19) |                    |         |      |
|------------------------------------------------------|---------------------------------------------|---------|------|-----------------------------------------------------|--------------------|---------|------|
| KOD                                                  | DERS ADI                                    | KREDİ   | AKTS | KOD                                                 | DERS ADI           | KREDİ   | AKTS |
| ENE 401                                              | Energy Design Project I (SELİMOĞLU) (TUTAR) | (3 2) 4 | 6    | ENE 411                                             | Engineering Lab II | (0 4) 2 | 4    |
| ENE 403                                              | Control System Analysis (ALTINÖZ)           | (3 0) 3 | 4    |                                                     |                    |         |      |
| ENE 411                                              | Engineering Lab II                          | (0 4) 2 | 4    |                                                     |                    |         |      |
| ENE 499                                              | Summer Practice                             | (0 0) 0 | 6    |                                                     |                    |         |      |
| ENE 413                                              | Occupational Hazard and Safety (OCAKTAN)    | (1 0) 1 | 1    |                                                     |                    |         |      |
| ENE 435                                              | Process Control (ELECTIVE) (SEMERÇİ)        | (3 0) 3 | 5    |                                                     |                    |         |      |
| ENE 427                                              | Polymer Technology (ELECTIVE) (KÖYSÜREN)    | (3 0) 3 | 5    |                                                     |                    |         |      |
| ENE 433                                              | Fuels and Combustion (ELECTIVE) (SOYSAL)    | (3 0) 3 | 5    |                                                     |                    |         |      |

| 4 <sup>th</sup> YEAR FALL SCHEDULE |        |                   |                            |                   |                    |
|------------------------------------|--------|-------------------|----------------------------|-------------------|--------------------|
|                                    | MONDAY | TUESDAY           | WEDNESDAY                  | THURSDAY          | FRIDAY             |
| 08:30-09:15                        |        |                   |                            | ENE 401           | ENE 411 (ENE Lab.) |
| 09:30-10:15                        |        |                   | ENE 403 (ENE 305)          | ENE 401           | ENE 411 (ENE Lab)  |
| 10:30-11:15                        |        |                   | ENE 403 (ENE 305)          | ENE 401           | ENE 411 (ENE Lab)  |
| 11:30-12:15                        |        |                   | ENE 403 (ENE 305)          | ENE 401           | ENE 411 (ENE Lab)  |
| 12:30-13:15                        |        |                   |                            | ENE 401           |                    |
| 13:30-14:15                        |        | ENE 435 (ENE 306) |                            | ENE 427 (ENE 305) | ENE 433 (ENE 306)  |
| 14:30-15:15                        |        | ENE 435 (ENE 306) | ENE 413 (ENE Seminar Room) | ENE 427 (ENE 305) | ENE 433 (ENE 306)  |
| 15:30-16:15                        |        | ENE 435 (ENE 306) |                            | ENE 427 (ENE 305) | ENE 433 (ENE 306)  |
| 16:30-17:15                        |        |                   |                            |                   |                    |

| <b>Lecturers</b>    | <b>Department</b>              |
|---------------------|--------------------------------|
| Oktaý Ölmey         | Mathematics                    |
| Gizem Seyhan Öztepe | Mathematics                    |
| Elif Demirci        | Mathematics                    |
| Gözde Aydoğdu       | Chemistry                      |
| Çağla Derya Tağmat  | History                        |
| Gamze Tetik         | Foreign Languages              |
| Gültaç Eroğlu İnan  | Statistics                     |
| Murat Can Ocaktan   | -                              |
| Deniz Karaçor       | Electrics and Electronics Eng. |
| Tolga Altınöz       | Electrics and Electronics Eng. |
| Eyüp Duman          | Energy Engineering             |
| Özgür Selimoğlu     | Energy Engineering             |
| Savaş Yağlıkçı      | Energy Engineering             |
| Kaan Soysal         | Energy Engineering             |
| Işık Semerci        | Energy Engineering             |
| Mustafa Tutar       | Energy Engineering             |
| Özcan Köysüren      | Energy Engineering             |

Parenthesis indicates the places – classrooms

ENE: Energy Engineering

BME: Biomedical Engineering

EEE: Electrical and Electronical Engineering

CE: Computer Engineering

FE: Food Engineering