

Orta Doğu Teknik Üniversitesi  
**Petrol ve Doğal Gaz Mühendisliği Bölümü**  
2026 - 2027 Güz Döneminde Açılması Planlanan Dersler

**Lisans Dersleri**

| Kodu    | Adı                                              | Kategori           | Grup | Öğretim Üyesi          |
|---------|--------------------------------------------------|--------------------|------|------------------------|
| PETE220 | Reservoir Rock Properties                        | Must               | 1    | Betül Yıldırım         |
|         |                                                  |                    | 2    | Gizem Gül Ertunç       |
| PETE300 | Summer Practice I                                | Must               | 1    | Mehmet Onur Doğan      |
| PETE321 | Drilling Engineering I                           | Must               | 1    | Baki Tuğrul Taş        |
|         |                                                  |                    | 2    | Barış Özcan            |
| PETE331 | Petroleum Production Engineering I               | Must               | 1    | İsmail Durgut          |
|         |                                                  |                    | 2    | İnanç Alptuğ Hıdıroğlu |
| PETE343 | Petroleum Reservoir Engineering I                | Must               | 1    | Çağlar Sınayuç         |
|         |                                                  |                    | 2    | Aslı Gündoğar          |
| PETE400 | Summer Practice II                               | Must               | 1    | Mehmet Onur Doğan      |
| PETE411 | Petroleum Property Valuation                     | Must               | 1    | Betül Yıldırım         |
|         |                                                  |                    | 2    | Gizem Gül Ertunç       |
| PETE417 | Petroleum Engineering Design I                   | Must               | 1    | Serhat Akın            |
|         |                                                  |                    | 2    | Aslı Gündoğar          |
| PETE461 | Natural Gas Engineering                          | Must               | 1    | Mehmet Onur Doğan      |
|         |                                                  |                    | 2    | Selçuk Erol            |
| PETE310 | Petroleum Legislation                            | Technical Elective | 1    | Devran Ünlü            |
| PETE414 | International Petroleum Econ. & Pol.             | Technical Elective | 1    | Şahin Yaman            |
| PETE424 | Special Operations in Drilling                   | Technical Elective | 1    | Mustafa Çorbacı        |
| PETE426 | Drilling Fluid Engineering                       | Technical Elective | 1    | Hakkı Gücüyener        |
| PETE432 | Production Optimization by Nodal System Analysis | Technical Elective | 1    | Ahmet Mengen           |
| PETE445 | Transport Phenom. In Geosystems                  | Technical Elective | 1    | Mehmet Onur Doğan      |
| PETE450 | Introduction to Geothermal Reservoir Engineering | Technical Elective | 1    | Erдің Şentürk          |
| PETE489 | Carbon Dioxide Capture, Utilization, and Storage | Technical Elective | 1    | Çağlar Sınayuç         |
| PETE490 | Petroleum Engineering Research                   | Technical Elective | 1    | Sevtaç Bülbül          |
| PETE493 | Gaseous Fuels From Resource to the End User      | Technical Elective | 1    | Kadir Deniz            |

**Lisansüstü Dersleri**

| Kodu    | Adı                                   | Kategori          | Grup | Öğretim Üyesi     |
|---------|---------------------------------------|-------------------|------|-------------------|
| PETE509 | Modeling of Geothermal Reservoirs     | Graduate Elective | 1    | Selçuk Erol       |
| PETE512 | Fluid Flow Through Porous Media       | Graduate Elective | 1    | Serhat Akın       |
| PETE519 | World Energy Sources                  | Graduate Elective | 1    | Oğuzhan Akyener   |
| PETE552 | Measurements in Petroleum Engineering | Graduate Elective | 1    | Tanju Mehmetoğlu  |
| PETE563 | Reservoir Management                  | Graduate Elective | 1    | Tabiat Tan Yıldız |
| PETE580 | Research Methods and Ethics           | Graduate Must     | 1    | İsmail Durgut     |
| PETE590 | Seminar                               | Graduate Must     | 1    | Çağlar Sınayuç    |
| PETE690 | Graduate Seminar                      | Graduate Must     | 1    | Çağlar Sınayuç    |