

ADVANTAGES OF PETROLEUM ENGINEERING AS A PROFESSION

Petroleum engineering is the highest paid engineering discipline with a mean worldwide annual base salary of

\$151,122
and additional compensation of
\$43,712



Petroleum engineers are energy professionals, who can work in the worldwide oil, natural gas and geothermal sectors

6.1%

Size of the oil market is greater than all metal markets combined
Oil and natural gas market is expected to continue growing at a rate of 6.1% over the next 5 years.

ARE OIL AND NATURAL GAS STILL IMPORTANT ENERGY SOURCES?

Oil and natural gas are the only source of energy that has been able to provide cheap, plentiful, reliable energy

57%

of energy that mankind uses every second comes from oil or natural gas, share of oil and natural gas is expected to increase to

66%

by 2040

Therefore, highly qualified petroleum engineers will be in demand for a long time.

ARE WE REALLY RUNNING OUT OF OIL AND NATURAL GAS RESERVES?

Proved oil and natural gas reserves increased by more than 100% during the past 30 years with the advancement of technologies for exploration and production.

100%
30
years

PETROLEUM AND NATURAL GAS ENGINEERING AT METU NCC

METU NCC Petroleum and Natural Gas Engineering Undergraduate Program has been successfully providing high-quality petroleum engineering education for the last 10 years, currently with 125 students with more than half of it from 20 different countries other than Turkey and TRNC. Research studies completed by undergraduate students have been presented in international conferences and published in international technical journals. METU NCC students have won student paper contests 4 times in Europe and Turkey.

- Society of Petroleum Engineers (SPE) International Student Chapter is one of the most active student associations.
- Students have access to industry-standard software, modern laboratories and computing facilities.



10 YEARS



125 STUDENTS



20 DIFFERENT COUNTRIES

Graduates of the program find work opportunities in the geothermal and petroleum industries in Turkey and worldwide, and some of them choose to continue their post-graduate studies and get admitted to prestigious schools around the world. METU NCC Petroleum and Natural Gas Engineering faculty have a combined international industry and academic experience of 100 years (USA, Saudi Arabia, Nigeria, Iraq, Libya, Kuwait, Turkey).

WHERE DO OUR ALUMNI WORK?



Majority of our alumni work in private companies in the upstream oil and gas industry. More than 50% of the world's daily oil and natural gas production comes from countries within less than 2000 km distance away from METU NCC.

THE FIVE HIGHEST PAYING STEM MAJORS, BY MID-CAREER AVERAGE, WERE:

1

Petroleum
engineering
(\$183,600)

2

Actuarial
mathematics
(\$158,100)

3

Building
science
(\$135,000)

4

System
engineering
(\$131,200)

5

Chemical
engineering
(\$126,900)