



GAZI UNIVERSITY **FACULTY OF TECHNOLOGY**

PROGRAM DURATION

Education and training duration in various departments of the Faculty of Technology is 8 semesters (4 years).

The language of education is Turkish. Our Faculty of Energy Systems Engineering students, have industry internships and also workplace training which takes one semester during their 8 semester period.



GRADUATE EDUCATIONS

There are master and doctorate programmes in our department. Some of the studies conducted in our graduate programmes are as follow:

- Fossil Fuels
- Renewable Energy Resources
- Nuclear Energy
- Energy Efficiency
- Heating, Cooling and Ventilation - Air Conditioning Systems etc.



GAZI UNIVERSITY **TECHNOLOGY FACULTY**

✦ Energy Systems Engineering
06500 Teknikokullar Ankara
T. 0312 202 89 50 F. 0312 202 89 47
<http://tf.gazi.edu.tr>

ENERGY SYSTEMS **ENGINEERING**

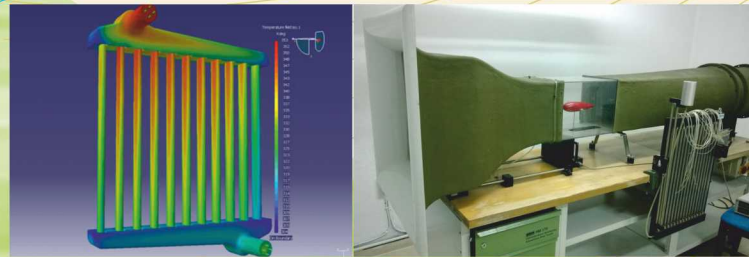
DEPARTMENT OF ENERGY SYSTEMS ENGINEERING

It is a discipline, which focuses on producing any kind of high quality, low cost and environmentally friendly energy. It is also responsible from planning, development and execution phases of bringing the energy to the consumers and economical consumption of the energy in addition to developing strategies regarding these phases.

Main objective of Department of Energy Systems Engineering is to raise educate engineers, who can question things and have research abilities, can use all technological tools effectively, focus on high quality, can function in international companies, have a broad vision and who have leadership characteristics.

Also the department participates in ERASMUS program for students and staff. The department is an active participant of the Mevlana program, too.

Engineers received education in the Department of Energy Systems Engineering aims to be the leading engineer, who design and manufacture energy systems, has high practice skill, learn for life and competent in solving problems by taking into account the main principles of energy technologies and learning and teaching techniques, with regard to design of a system and making of its calculation, manufacturing of the appropriate systems and maintenance and renewal of this system.



Due to becoming a new engineering branch both in Turkey and in the world; our department takes over a significant role to solve energy problems of our country. Moreover, this programme is a charming one for students studying other engineering are as to do sub-branch or double major.

Some corporation is given below where alumni can work:

- The Ministry of National Education
- All Areas About Energy Systems and Technologies in Private Sector and Public
- Mechanical Installation Applications (Heating, Cooling, Ventilation, Air Conditioning and also Plumbing)
- Energy Generation Power Plants (Thermic, Hydraulic, Wind, Geothermal and so on)
- The Ministry of Energy and Natural Sources
- Energy Market Regulatory Authority (EMRA)
- General Directorate of Petroleum Affairs
- Mineral Research and Exploration Institute
- National Boron Research Institute
- General Directorate of Renewable Energy
- Electric Generation Company
- Turkish Electricity Transmission Company
- Turkish Electricity Distribution Company
- General Directorate of State Hydraulic Works
- General Directorate of Turkish Coal
- Turkish Petroleum Corporation
- Petroleum Pipeline Corporation
- Turkish Petroleum Refineries Corporation
- Turkish Atomic Energy Authority
- General Directorate of Turkish Electromechanics Industry
- UN Hydrogen Institute
- Turkish Hard Coal Authority
- Turkish State Railways

Faculty of Technology was established by council of ministers decision published in the Official Gazette No. 27405 dated 11.13.2009. Students in Faculty of Technology receive education "WORKPLACE EDUCATION" to improve his/her practical skills and to be attuned to workplace in senior class. For this reason, the students of Faculty of Technology spend 7 of 8 semesters of academic year semester at the school and first semester in the workplace. Furthermore, they receive education industry internship training during 72 working days in summer terms.

