

Our department has laboratory facilities that are used for undergraduate education and graduate research studies.

1. CNC R & D Laboratory
2. CAD / CAM Laboratories
3. Hydraulics and Pneumatics Laboratory
4. Manufacturing Laboratory
5. Computer Laboratory
6. Measurement and Control Laboratory
7. Sheet Metal Forming Laboratory
8. Plastic Moulding Application Laboratory
9. Material Characterization Laboratory



GRADUATE STUDIES

In Manufacturing Engineering Department of Gazi University, beside the under graduate education, there is also a Post Graduate Program under the preparation of the academic staff member and post graduate students.



GAZI UNIVERSITY FACULTY OF TECHNOLOGY

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✦ Manufacturing Engineering
06500 Teknikokullar Ankara
T. 0312 202 86 00 F. 0312 202 89 47
<http://tf.gazi.edu.tr>

MANUFACTURING ENGINEERING



DEPARTMENT OF MANUFACTURING ENGINEERING

Manufacturing contains the whole processes from mining to final product. The students of our department who will be responsible at any stage in this process are educated. Many workplaces in machine manufacturing sector needed technical staff who have experience in the field of manufacturing and can use the modern technologies such as CAD (Computer Aided Design), CAM (Computer Aided Manufacturing), CAE (Computer Aided Engineering) and CNC in solving problems. For this purpose, our students in the department of Manufacturing Engineering at the Technology Faculty are educated practice oriented in the laboratories containing conventional machine tools and CAD, CAM, CNC. Laboratories.

In the department of manufacturing engineering, mathematics,

statics, dynamics, strength of the material, machine elements, thermodynamics and fluid mechanics courses are based on the basic engineering sciences and practice-based engineering education are given.

Because of the our students get practical training with manufacturing systems and machine tools in the practice workshop and laboratories and learn conventional and modern manufacturing technologies, when they start to work in industry after graduation, they will be able to adapt to manufacturing process of the company and take responsibilities in a short time. Graduates from the Department of Manufacturing Engineering is given "Manufacturing Engineer" title.

WORKING AREA

- Manufacturing Manager, Manufacturing Supervisor, Manufacturing Engineer,
- Design Manager, Design Supervisor, Design Engineer,
- CAD Specialists, CAM specialist,
- CNC Programmer,
- System designer in automation sector.



DURATION OF EDUCATION

The duration of education in our department is 8 semesters (four years). A bachelor's degree in manufacturing Engineering is given to the students who complete the four year program. The language of education is Turkish. Beside the industrial internship, our senior students are required to receive one semester of workplace training in relevant sector. Furthermore, Department of Manufacturing engineering has graduate programs for bachelor's degree graduates.

Manufacturing Engineering undergraduate program strengths are;

- Experienced academic staff
- Applied engineering education
- Laboratory, machine tools, software and hardware facilities
- Classic and modern manufacturing methods applications
- Applied CAD, CAM and CNC training
- Enough measurement, test and experiment laboratories and equipment.

