

**ITU MECHANICAL ENGINEERING DEPARTMENT**  
**Manufacturing Engineering Program**  
**Employer Survey**  
**April 2010**

We think you can provide us the most important information and data about the manufacturing program to evaluate its performance which has started to graduate students since 2007. We know that you have a communication with our graduates in work life. Therefore, we ask for to fill the survey below to learn about your opinions. Thus, you will contribute to manufacturing engineering program to increase its educational performance. Thank you very much, best regards.

**ITU Manufacturing Engineering Program Yürütme Kurulu**

**A. COMPANY INFORMATION**

1. Company Name (Optional): .....
2. Company Location City/Country: .....
3. Type of Business: .....
4. Total Employee Number: .....
5. Total Engineer Number: .....
6. Total ITU Manufacturing Engineering Graduates Number: .....

**B. DEĞERLENDİRİCİ BİLGİLERİ**

Name (Optional): .....

E-Mail (Optional): .....

Phone Number (Optional): .....

Last Academic Level:    Lisans/Önlisans     Yüksek Lisans     Doktora     MBA

Occupation: .....

Duty in Company: .....

Experience in work life: .....

How many years do you know ITU manufacturing Engineering Employees?: .....

**C. GRADUATES INFORMATIONS**

ITU Manufacturing Engineering Employee/s date of starting work: .....

ITU Manufacturing Engineering Employee/s distribution of duty:

Manufacturing       Design       Re-De       Engineering Service       Sale/Marketing   
 Manager       Other  .....

If you compare ITU Manufacturing Engineering Employee/s with other engineers:

Very poor       Somewhat poor       No difference       good       Very good

**D. MANUFACTURING ENGINEERING PROGRAM OBJECTIVES:**

Please indicate that how much manufacturing engineering program’s aims are important for you, and how much these are provided or will be provided in the future:

*[Note: Evaluation: 1- (not important/not provided), ....., 5- (very important/ perfect provided)]*

(a) An ability to apply knowledge of mathematics, science and engineering on manufacturing engineering problems	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(b) An ability to design and conduct experiments as well as to analyze and interpret data and use modern tools and equipment	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(c) An ability to select develop and/or design a system, component or process to meet desired performance manufacturing capabilities and economic requirements	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(d) An ability to function on and/or develop leadership in multi-disciplinary teams	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(e) An ability to identify, formulate and solve manufacturing engineering problems	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
Other issues that you want to mention about manufacturing engineering program objectives	

**E. MANUFACTURING ENGINEERING PROGRAM OUTCOMES:**

Program outputs are defined that the knowledge and qualifications which graduates must gain in their education period. Indicate your opinions and contentments in the table below, that how much these outputs are provided for graduates.

*[Note: Evaluation: 1- (not important/not provided), ....., 5- (very important/ perfect provided)]*

(a) An ability to apply knowledge of mathematics, science and engineering on manufacturing engineering problems	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(b) An ability to design and conduct experiments as well as to analyze and interpret data and use modern tools and equipment	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(c) An ability to select develop and/or design a system, component or process to meet desired performance manufacturing capabilities and economic requirements	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(d) An ability to function on and/or develop leadership in multi-disciplinary teams	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(e) An ability to identify, formulate and solve manufacturing engineering problems	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(f) An understanding of professional and ethical responsibility	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(g) An ability for effective written and oral communication in Turkish and English	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(h) An ability to understand and comment on the impact of manufacturing engineering solutions in a national and global context	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(i) A recognition of the need for, and an ability to engage in life-long learning	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(j) A knowledge of contemporary issues in manufacturing engineering	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
(k) An ability to use the techniques, skills, and modern engineering tools, such as computer programs, necessary for engineering design and analysis and use modern information systems	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Importancy)
	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> (Satisfactory)
Other issues that you want to mention about manufacturing engineering program outcomes	

**F. OTHER OPINIONS ABOUT MANUFACTURING ENGINEERING:**

According to you What are the ITU manufacturing Engineering Graduates important ways:

According to you What are the ITU manufacturing Engineering Graduates poor ways:

What are the qualifications you look for a Manufacturing Engineering:

According to you which divisions and subjects will have an importance in the future in Manufacturing Program:

Your other options and suggestions:

---

**We thank you for attending our survey.**