

**BOĞAZIÇI UNIVERSITY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**ABET SURVEY**

**ME 424 Machine Design II**

**Semester:** \_\_\_\_\_

Thank you for your time and effort to respond to this survey. Your answers will be used to assess the outcomes of our Mechanical Engineering program.

For each item below, indicate your opinion by giving a score as shown on the right:

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	3	2	1

**Level of Agreement**

**Strongly agree**      **Agree**      **Disagree**      **Strongly disagree**

Students who take this course

Course Learning Outcomes

<b>CLO 1</b>	Apply principles of mechanics to perform kinematic, force, stress, and failure analyses of machine components like bolted joints, power screws, gears, springs, and brakes.	4	3	2	1
<b>CLO 2</b>	Solve open-ended design problems considering the factors like loading, material, manufacturing and constraints like safety, cost, and performance.	4	3	2	1
<b>CLO 3</b>	Select a suitable material for a machine part considering operation conditions, critical failure mode, and cost.	4	3	2	1
<b>CLO 4</b>	Develop ability to work in teams.	4	3	2	1
<b>CLO 5</b>	Develop computer programming to obtain optimum values for design variables satisfying performance criteria and side constraints.	4	3	2	1

Student Outcomes

<b>1</b>	Have an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	4	3	2	1
<b>2</b>	Have an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors	4	3	2	1
<b>5</b>	Have an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives	4	3	2	1

**Please mark your attendance by shading percentage throughout the semester**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------

0 - 25%      25 - 50%      50 - 75%      75 - 100%