

BOĞAZIÇI UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
ABET SURVEY

ME 324 Machine Design I

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 between 4 (Strongly agree) and 1 (Strongly disagree):

		Level of Agreement				
		Strongly agree	Agree	Disagree	Strongly disagree	
Students who take this course						
Course Learning Outcomes	CLO 1	Applies principles of mechanics to perform kinematic, force, stress, and failure analyses of structural parts and machine components like shafts	4	3	2	1
	CLO 2	Applies knowledge of fluid mechanics in the analysis of lubrication and design of sliding bearings	4	3	2	1
	CLO 3	Solves open-ended design problems considering the factors like loading, material, manufacturing and constraints like safety, cost, and performance	4	3	2	1
	CLO 4	Selects a suitable material for a machine part considering loading conditions, critical failure mode, and cost	4	3	2	1
	CLO 5	Develop ability to work in teams.	4	3	2	1
	CLO 6	Develop computer programming to obtain optimum values for design variables satisfying performance criteria and side constraints.	4	3	2	1
Student Outcomes	a	Have an ability to apply knowledge of mathematics, science, and engineering.	4	3	2	1
	e	Have an ability to identify, formulate, and solve engineering problems.	4	3	2	1
	c	Have an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.	4	3	2	1
	d	Have an ability to function on multi-disciplinary teams.	4	3	2	1
	k	Have an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	4	3	2	1

Please mark your attendance percentage throughout the semester

0-25%	25-50%	50-75%	75-100%
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>