

BOĞAZIÇI UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
ABET SURVEY

ME 425 Mechanical Vibrations

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):

		<u>Level of Agreement</u>			
		Strongly agree	Agree	Disagree	Strongly disagree
Course Learning Outcomes	CLO 1	Derive the equations of motion of discrete and continuous vibrating systems by using free body diagrams and/or by energy methods.			
	CLO 2	Determine the free response of a system considering initial conditions and/or force response due to harmonic, periodic or general force input.			
	CLO 3	Calculate natural frequencies, damping ratios and mode shapes of vibrating structures.			
	CLO 4	Design and analyze vibration suppression systems such as vibration absorbers, tuned mass dampers and/or vibration isolators.			
	CLO 5	Apply modern computational tools (e.g. MATLAB) to solve vibration problems.			
Student Outcomes	a	Have an ability to apply knowledge of mathematics, science, and engineering.			
	e	Have an ability to identify, formulate, and solve engineering problems.			
	k	Have an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.			

Please mark your attendance percentage throughout the semester

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