

BOĞAZIÇI UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
ABET SURVEY

ME 212 Materials Science

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 properties of pure elements and solid solutions from the crystal structure and the properties of the constituent atoms.			
	CLO 2	Develop an understanding of the mechanical properties of materials, and of the strengthening mechanisms used in modern materials design.			
	CLO 3	Develop a mastery of the fundamental concepts involved in diffusion (first and second Fick's Law of Diffusion)			
	CLO 4	Determine the phase composition and microstructure of a material from the processing history and the relevant phase diagrams.			
	CLO 5	Conduct experiments, analyze and interpret experiments to understand the microstructure and properties of materials.			
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.			
	b	Have an ability to design and conduct experiments, as well as to analyze and interpret data.			

Please mark your attendance percentage throughout the semester

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