

BOĞAZIÇI UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
ABET SURVEY

ME 362 Heat Transfer

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
Students who take this course					
Course Learning Outcomes	CLO 1	Identify the primary modes of heat transfer applicable to a specific condition and derive governing equations by using general and constitutive laws for a system represented by control volumes and surfaces, recognize symmetry and other simplifying approximations.			
	CLO 2	Represent a physical system using the appropriate form of the conduction equation and the corresponding boundary and initial conditions to estimate temperature distributions and heat flow in objects using approximate or detailed solutions considering temperature variations with time and space in solids.			
	CLO 3	Identify the flow regimes and boundary conditions in external and internal flows and use pertinent non-dimensional variables to compute heat transfer coefficients while distinguishing between local and average coefficients. Obtain an awareness of the various empirical correlations for forced and natural convection and recognize their applicability to different physical situations.			
	CLO 4	Understand the fundamental processes and general definitions in regards to radiative transfer and predict heat transfer due to radiation between ideal and/or actual surfaces or enclosures, accounting for directional and spectral variations in surface properties.			
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%
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>