BOĞAZİÇİ 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 as shown on the right:

	4	3	2	1

Level of Agreement

		Strongly agree	Agree	Disagree	Strongly disagree
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.	4	3	2	1
	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.	4	3	2	1
	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.	4	3	2	1
	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.	4	3	2	1
Student Outcomes	**1** Have an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	4	3	2	1

Please mark your attendance by shading percentage throughout the semester

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