BOĞAZİÇİ UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
ABET SURVEY

ME 478 Design of Thermal Systems **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):

Students who take this course

		Level of Agreement			
		Strongly agree	**Agree**	**Disagree**	**Strongly disagree**
Course Learning Outcomes					
CLO 1	Understand the concept of chemical and thermo-physical exergy and its application in thermal systems.	4	3	2	1
CLO 2	Able to use laws of thermodynamics in the design of thermal systems.	4	3	2	1
CLO 3	Able to apply heat transfer and fluid mechanics knowledge in the design of heat exchangers.	4	3	2	1
CLO 4	Able to develop or use computer software in the design of thermal systems.	4	3	2	1
CLO 5	Learn to use mathematical techniques to find optimal designs in the presence of 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
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%