BOĞAZİÇİ UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
ABET SURVEY

ME 482 Applications of the Finite Element Method **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 fundamentals of finite element formulation (e.g Galerkin approximation, finite element interpolation,)	4	3	2	1
	CLO 2	Use finite element codes (e.g. Element types, solution procedures, boundary conditions)	4	3	2	1
	CLO 3	Perform finite element analysis of simple structural mechanics problems (e.g. linear elastic stress analysis, stress concentrations, buckling)	4	3	2	1
	CLO 4	Introduced to finite element modeling of advanced structural mechanics problems (e.g. geometric nonlinearity, plasticity, large deformations, contact)	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
	g	Have an ability to communicate effectively.	4	3	2	1
	i	Have a recognition of the need for, and an ability to engage in life-long learning.	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%