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 as shown on the right:

	4	3	2	1

Level of Agreement

		Strongly agree	Agree	Disagree	Strongly disagree
	Students who take this course				
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

Course Learning Outcomes

		Strongly agree	Agree	Disagree	Strongly disagree
1	Have an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	4	3	2	1
2	Have an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors	4	3	2	1
3	Have an ability to communicate effectively with a range of audiences	4	3	2	1
7	Have an ability to acquire and apply new knowledge as needed, using appropriate learning strategies	4	3	2	1

Student Outcomes

Please mark your attendance by shading percentage throughout the semester

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