Student Outcomes

The course is a component of the following student outcomes:

☑	1	an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
☐	2	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
☑	3	an ability to communicate effectively with a range of audiences
☐	4	an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
☑	5	an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
☑	6	an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
☑	7	an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.