

Senior Project Technical Assessment and Grade Sheet

Student's Name _____ Date Report Submitted: _____

Section 1. ABET outcomes to be exhibited in senior project

	Exceeds	Meets	Fails
a. At least one of the following must be demonstrated:			
an ability to design a system to meet desired needs within realistic constraints	n/a	<input type="checkbox"/>	<input type="checkbox"/>
an ability to design a component to meet desired needs within realistic constraints	n/a	<input type="checkbox"/>	<input type="checkbox"/>
an ability to design a process to meet desired needs within realistic constraints	n/a	<input type="checkbox"/>	<input type="checkbox"/>
The following constraints must be considered:			
economic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
health and safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ethical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At least two of the following constraints must be considered:			
environmental	n/a	<input type="checkbox"/>	<input type="checkbox"/>
social	n/a	<input type="checkbox"/>	<input type="checkbox"/>
political	n/a	<input type="checkbox"/>	<input type="checkbox"/>
manufacturability	n/a	<input type="checkbox"/>	<input type="checkbox"/>
sustainability	n/a	<input type="checkbox"/>	<input type="checkbox"/>
codes and standards	n/a	<input type="checkbox"/>	<input type="checkbox"/>
other (specify)	n/a	<input type="checkbox"/>	<input type="checkbox"/>
e. All of the following must be demonstrated:			
an ability to identify engineering problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
an ability to formulate engineering problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
an ability to solve engineering problems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. All of the following must be demonstrated:			
an ability to use the techniques necessary for engineering practice,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
an ability to use skills necessary for engineering practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
an ability to use modern engineering tools necessary for engineering practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 2. Scores

Adequacy of Project Scope	/ 4.0
Technical Quality of Report	/ 4.0
Writing Quality of Report	/ 4.0

Comments:

Reviewer: _____

Date: _____