

## ME481/482: Assessment of Capstone Projects

Assessment conducted by: \_\_\_\_\_

Year: \_\_\_\_\_ Team: \_\_\_\_\_

Program Outcomes	Degree to which Outcome was met (include comments if appropriate)*
<b>Bold</b> indicates the outcome should be assessable for most projects.	
a. An ability to apply knowledge of math, science, and engineering	
b. An ability to design and conduct experiments, as well as to analyze and interpret data	
<b>c. An ability to design a system, component, or process to meet desired needs</b>	
<b>d. An ability to function on multi-disciplinary teams</b>	
<b>e. An ability to identify, formulate, and solve engineering problems</b>	
<b>f. An understanding of professional and ethical responsibility</b>	
<b>g. An ability to communicate effectively</b>	
<b>h. The broad education necessary to understand the impact of engineering solutions in a global and societal context</b>	
<b>i. A recognition of the need for, and an ability to engage in life-long learning</b>	
<b>j. A knowledge of contemporary issues</b>	
k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	

\*Degree of achievement

- 4 = Excellent (professional level, nearly flawless);
- 3 = Very good (minor mistakes, flaws, or defects);
- 2 = Good (some mistakes, flaws, or defects but nothing of serious concern);
- 1 = Poor (serious mistakes, flaws or defects);
- 0 = Inadequate (very serious mistakes, flaws or defects)
- N/A = not able to asses

Faculty comments on various aspects (was the design process followed from problem definition through completion, were engineering standards appropriately applied, was there evidence of sound analysis and/or testing, were good engineering decisions made, etc.):