ABET Outcome Survey

Important Note: These outcomes reflect a personal (student) assessment of the course, not the instructor's assessment.

ABET Outcomes for AE 481W/482	Outcome not able to be assessed	Level of ability demonstrated but below acceptable	Minimum acceptable level of ability demonstrated	More than minimum level of ability demonstrated
	(Score of 0)	*(Score of 1)*	*(Score of 2)*	*(Score of 3)*
a. An ability to apply knowledge of mathematics, science, and engineering	☐	☐	✓	☐
b. An ability to analyze and interpret data	☐	☐	☐	✓
c. An ability to design a system, component, or process to meet desired needs	☐	☐	✓	☐
e. An ability to identify, formulate, and solve engineering problems	☐	☐	✓	☐
f. An understanding of professional and ethical responsibility	☐	☐	☐	✓
g. An ability to communicate effectively	☐	☐	☐	✓
h. The broad education necessary to understand the impact of engineering solutions in a global and societal context	☐	☐	☐	✓
i. An ability to engage in life-long learning	☐	☐	☐	✓
j. A knowledge of contemporary issues	☐	☐	✓	☐
k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering	☐	☐	✓	☐

practice				
o. Engineering design capabilities in at least two (2) of the (3) basic curriculum areas of architectural engineering, and that design has been integrated across the breadth of the program	☐	☐	✔	☐
p. Communication and interaction with other design professionals in the execution of building projects	☐	☐	☐	✔

Course/CPEP Reflection

The experiences and learning achieved over the past year in this course is something that will stick with me for the rest of my professional career. I believe that the senior thesis class does a great job at imitating some of the challenges and obstacles that you might have to face while working as a professional. I believe the most critical of these include time management and being able to tell when you don't know something and your ability to ask for or go out and find someone who does. The knowledge and skills acquired will be irreplaceable.

Another aspect of this course that was useful was the creation of a website to showcase our progress. While this is a terrific idea, I believe that it should not be a mandatory process. Most of us, including myself, have a very limited experience with website design and are only given brief tutorials on how to make our websites "functional." I would prefer to have more of a class to learn how to write the code of a website so that it may better showcase the project. I do like having a website to go back and look to see what I have done.