

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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b. An ability to analyze and interpret data	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
c. An ability to design a system, component, or process to meet desired needs	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
e. An ability to identify, formulate, and solve engineering problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
f. An understanding of professional and ethical responsibility	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
g. An ability to communicate effectively	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
h. The broad education necessary to understand the impact of engineering solutions in a global and societal context	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
i. An ability to engage in life-long learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
j. A knowledge of contemporary issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
o. Engineering design capabilities in at least two	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X

(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

X

AE 481W/482 Course Reflection

Overall this class is not as bad as it is built up to be. Sure the work is over whelming and the nights are long, but hey it's not that bad. Sometimes you wake up in the middle of the night with cold sweats wondering if you're ever going to make it through this class, but overall it is a good experience. The work is only as hard as you make it, and truthfully the AE faculty is one of the best recourses on campus, they really do want you to succeed and most of them are there to help. If you put the effort in, you will get results, these classes were a great experience and they do instill a sense of the engineering world that we are not normally exposed to. One more thing, be prepared to not get all of the information requested and it is always helpful to act as if you are in charge of a real project; sometimes that is the only way to get any real information out of some of the companies you contact.

CPEP & Discussion Board Reflection

The CPEP website and the discussion board are both great tools. Trust me it is a lot easier, and cheaper, to post a report to the website, as apposed to printing out a copy of it. The discussion board is of great help it puts you in contact with working professionals and allows you to ask them some of the questions that might occur to you. They help a lot and if they don't know the answer they definitely point you in the right direct, to figure it out yourself.