

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 1)

(Score of 0)

(Score of 2)

(Score of 3)

a. An ability to apply knowledge of mathematics, science, and engineering

5

5

5



b. An ability to analyze and interpret data

5

5

5



c. An ability to design a system, component, or process to meet desired needs

5

5

5



e. An ability to identify, formulate, and solve engineering problems

5

5

5



f. An understanding of professional and ethical responsibility

5

5

5



g. An ability to communicate effectively

5

5

5



h. The broad education necessary to understand the impact of engineering solutions in a global and societal context

5

5

5






i. An ability to engage in life-long learning

5

5

5



j. A knowledge of contemporary issues	5	5	5	
k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	5	5	5	
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	5	5	5	
p. Communication and interaction with other design professionals in the execution of building projects	5	5	5	