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

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| --- | --- | --- | --- | --- |
| 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 | 🖵 | 🖵 | X | 🖵 |
| b. An ability to analyze and interpret data | 🖵 | 🖵 | X | 🖵 |
| c. An ability to design a system, component, or process to meet desired needs | 🖵 | 🖵 | X | 🖵 |
| e. An ability to identify, formulate, and solve engineering problems | 🖵 | 🖵 | X | 🖵 |
| f. An understanding of professional and ethical responsibility | 🖵 | 🖵 | 🖵 | X |
| g. An ability to communicate effectively | 🖵 | 🖵 | X | 🖵 |
| h. The broad education necessary to understand the impact of engineering solutions in a global and societal context | 🖵 | 🖵 | X | 🖵 |
| i. An ability to engage in life-long learning | 🖵 | 🖵 | X | 🖵 |
| j. A knowledge of contemporary issues | 🖵 | 🖵 | X | 🖵 |
| k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice | 🖵 | 🖵 | X | 🖵 |
| 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 | 🖵 | 🖵 | X | 🖵 |
| p. Communication and interaction with other design professionals in the execution of building projects | 🖵 | 🖵 | X | 🖵 |