

Connections	Capstone	Milestones	Milestones	Benchmark
<i>Connections to Diverse Disciplines</i> (ABET-7)	Independently creates wholes out of multiple parts (synthesizes) or draws conclusions by combining examples, facts, or theories from more than one field of study or perspective.	Independently connects examples, facts, or theories from more than one field of study or perspective.	When prompted, connects examples, facts, or theories from more than one field of study or perspective.	When prompted, presents examples, facts, or theories from more than one field of study or perspective.
<i>Connections to Diverse Viewpoints</i> (ABET-2/4)	Adapts and applies a deep understanding of multiple worldviews (including their own), experiences, and power structures while initiating meaningful interaction with other cultures to solve complex problems.	Analyzes substantial connections between the worldviews, power structures, and experiences of multiple cultures historically or in contemporary contexts, incorporating respectful interactions with other cultures.	Explains and connects two or more cultures historically or in contemporary contexts with some acknowledgement of power structures, demonstrating respectful interaction with varied cultures and worldviews.	Describes the experiences of others historically or in contemporary contexts primarily through one cultural perspective, demonstrating some openness to varied cultures and worldviews.
<i>Connections to Global Contexts</i> (ABET-2/4)	Uses deep knowledge of the historic and contemporary role and differential effects of human organizations and actions on global systems to develop and advocate for informed, appropriate action to solve complex problems.	Analyzes major elements of global systems, including their historic and contemporary interconnections and the differential effects of human organizations and actions, to pose elementary solutions to complex problems.	Examines the historical and contemporary roles, interconnections, and differential effects of human organizations and actions on global systems.	Identifies the basic role of some global and local institutions, ideas, and processes.
<i>Connections to Existing Knowledge</i> (ABET-7)	Demonstrates skillful use of high quality, credible, relevant sources to develop ideas.	Demonstrates consistent use of credible, relevant sources to support ideas.	Demonstrates an attempt to use credible and/or relevant sources to support ideas.	Demonstrates an attempt to use sources to support ideas.

<p><i>Connections to Personal Experiences</i> (ABET-7)</p>	<p>Meaningfully synthesizes and organizes connections among experiences outside of the formal classroom (including life experiences and academic experiences such as internships and travel abroad) to deepen understanding of fields of study and to broaden own points of view.</p>	<p>Effectively selects and develops examples of life experiences, drawn from a variety of contexts (e.g., family life, artistic participation, civic involvement, work experience), to illuminate concepts/theories/frameworks of fields of study.</p>	<p>Compares life experiences and academic knowledge to infer differences, as well as similarities, and acknowledge perspectives other than own.</p>	<p>Identifies connections between life experiences and those academic texts and ideas perceived as similar and related to own interests.</p>
<p><i>Connections to Problem Contexts</i> (ABET-2/4)</p>	<p>Considers history, contexts, and constraints of problem, reviews logic/reasoning, and weighs impacts of solution.</p>	<p>Takes into account history, contexts, and constraints of problem, and is able to start understanding the impact of a single solution.</p>	<p>Able to understand/utilize history, contexts, and constraints of problem, and starts to comprehend that a solution can be impactful to other problems.</p>	<p>Recognizes that the history, contexts, and constraints of problem, but is unable to make connections with how the solution to the problem can be impactful.</p>
<p><i>Connections to Alternative Solutions</i> (ABET-2)</p>	<p>Synthesizes alternative solution paths, bringing disparate ideas together into a novel solution.</p>	<p>Formulates multiple alternative solution paths and can take advantage of a few stand-alone ideas to come to a new solution.</p>	<p>Identifies a singular alternative solution path, and recognizes that it has the potential to help find a solution.</p>	<p>Recognizes only the original solution path and doesn't recognize that other paths may lead to finding the solution.</p>