



**COURSE ASSESSMENT:**

<b>Course Objectives</b>	<b>Intended Educational Outcomes</b>	<b>Relationships</b>
Objective 1: To introduce the student to the concept of decision-making..	<ul style="list-style-type: none"><li>• Students will be able to understand the concept of the decision-making.</li><li>• Students will acquire the importance of defining the goals and objectives as a starting and ending points for design proposals.</li><li>• Open-ended discussions of evaluating the cost of engineering projects.</li></ul>	Program objectives: 1 & 2  ABET : a & e
Objective 2: To familiarize the student with the methods and techniques used to evaluate cash flow proposals.	<ul style="list-style-type: none"><li>• Students will be able to understand the effect of interest rates on the final project cost.</li><li>• Students will develop a working knowledge of the popular analysis methods used to evaluate proposals.</li></ul>	Program objectives: 1 & 2  ABET : a, & e
Objective 3: Introduce the student to the various depreciation methods and the effect of taxes on the acquisition and retirement of capital.	<ul style="list-style-type: none"><li>• Students will develop an understanding of the various methods of depreciation..</li><li>• Students will demonstrate the ability to calculate the effects of taxes on the acceptance or rejection of engineering proposals.</li></ul>	Program objectives: 1 & 2  ABET : a & e
Objective 4: Develop adequate understanding of the basic procedures for cost estimates and preparation	<ul style="list-style-type: none"><li>• Students will demonstrate their knowledge by submitting cost estimate reports on engineering proposals of their choice.</li></ul>	Program objectives: 1 & 2  ABET : a & e