

IE 315 : Engineering Economy and Cost Analysis

The course teaches economic analysis in an engineering environment considering the time value of money. Methods for evaluation of alternatives: present worth, annual equivalent worth, rate of return, payback method and benefit-cost ratio method. Replacement analysis, depreciation, inflation and cost estimation. Sensitivity and risk analysis are also considered.

Credits 3

Lab Hours 0

Lecture Hours 3

Tutoring Hours 0

Prerequisites

[STA 212](#)

Corequisites

none