



ASSESSMENT

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Engineering Management Program-Level Student Learning Outcomes

- A basic understanding of business accounting, finance, management, information systems, marketing, and law, and an ability to apply this knowledge in engineering and technology administration;
- An ability to organize, plan, make decisions, implement controlling actions, and measure results related to human resources and capital aspects of engineering management;
- An ability to identify critical issues, formulate realistic solutions, evaluate alternatives, and solve engineering management problems;
- A good understanding of statistical concepts and methods and an ability to apply this knowledge to engineering and management problems;
- A good understanding of quality control and improvement techniques and an ability to apply this knowledge to manufactured products and other engineering applications;
- A good understanding of deterministic modeling and ability to apply this knowledge to engineering management problems including design of experiments;
- An ability to function on multi-disciplinary management teams; and
- An ability to communicate effectively, both orally and in writing.

