

# ENGINEERING MANAGEMENT, MS

## LEARNING OUTCOMES

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1. Apply engineering management principles to work and lead effectively in the business environment.
2. Analyze and interpret quantitative and qualitative data to make sound engineering and business decisions.
3. Assess and intentionally apply tools, techniques, and organizational systems to solve complex engineering problems.
4. Communicate engineering concepts effectively to engineers and non-engineers alike.
5. Recognize and apply principles of professional ethics in engineering management.
6. Examine methods to enhance the success of the engineering function through collaboration with critical organizational functions such as operations, project management, marketing, legal, finance, and quality.