

ENGINEERING MANAGEMENT (CAPITAL)

Learning Outcomes

1. **KNOW.** Graduates will be able to demonstrate mastery of core principles in engineering management.
2. **PROBLEM SOLVING.**
 - a. Graduates will be able to apply business strategy to solve engineering management problems.
 - b. Graduates will be able to apply project management to solve engineering management problems.
3. **COMMUNICATE.** Graduates will be able to effectively communicate project outcomes, such as ideas, requirements, business analyses, findings, and justification for decisions.
4. **CRITICAL THINKING.** Graduates will be able to critically and creatively conceptualize, evaluate, and formulate engineering management problems, as well as perform the analyses required for problem definition.
5. **ETHICS AND PROFESSIONALISM.** Graduates will be able to demonstrate an understanding of professional and ethical responsibility and conduct themselves accordingly.