

ENGINEERING MANAGEMENT (GREAT VALLEY)

Learning Outcomes

1. **KNOW.** Demonstrate knowledge of foundational principles of engineering management including technical, social, and economic factors as applied to projects and personnel.
2. **CRITICAL THINKING.** Evaluate the financial aspects of projects and integrate them with different technical and engineering components.
3. **PROBLEM SOLVING.** Understand and estimate risk and its impact on the decision making process.
4. **COMMUNICATE.** Demonstrate the ability to communicate project findings effectively in written, spoken, and visual presentations to project stakeholders and a variety of professional audiences.
5. **TEAMWORK.** Demonstrate the ability to work with multi-disciplinary teams.