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.