Student Learning Outcomes/Objectives, with Any Associations and Related Measures, Targets, Findings, and Action Plans

**SLO 1: Knowledge of engineering management methods**
Demonstrate advanced knowledge of engineering management methods for use in technology organizations.

**Related Measures**

- **M 1: Capstone project**
  Capstone project rated by graduate faculty members using a departmental rubric.
  Source of Evidence: Capstone course assignments measuring mastery
  **Target:**
  80% will score at 'satisfactory' or above on all components of the rubric.

**SLO 2: Knowledge of technical organizations**
Apply knowledge of technical organizations at a strategic level, and the role and practices of the various business functions.

**Related Measures**

- **M 1: Capstone project**
  Capstone project rated by graduate faculty members using a departmental rubric.
  Source of Evidence: Capstone course assignments measuring mastery

**SLO 3: Effective engineering management**
Apply modern tools for effective engineering management.

**Related Measures**

- **M 1: Capstone project**
  Capstone project rated by graduate faculty members using a departmental rubric.
  Source of Evidence: Capstone course assignments measuring mastery
  **Target:**
  80% will score at 'satisfactory' or above on all components of the rubric.

- **M 3: Project Management**
  Student's score in relevant projects within ENMG 6120 Project Management
  Source of Evidence: Project, either individual or group
  **Target:**
  80% will score at 'satisfactory' or above.

**SLO 4: Communicate effectively**
Demonstrate the ability to construct and perform an effective presentation related to capstone project.

**Related Measures**

- **M 4: Capstone project communication**
  Capstone project defense rated by graduate faculty members using an oral presentation checklist.
  Source of Evidence: Academic direct measure of learning - other
  **Target:**
  80% will score at 'satisfactory' or above on all components of the rubric.

**SLO 5: Conduct research**
Perform advanced research in engineering management theory or practice.

**Related Measures**

- **M 5: Research Project**
  Faculty panel evaluation of a random sample of research projects within ENMG 6120 - Project Management.
  Source of Evidence: Project, either individual or group
  **Target:**
  80% will score at 'satisfactory' or above on evaluation checklist.