Degree Program Assessment Plan

Degree Program - ENG - DE - Systems and Engineering Management (MSSEM)

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Student Learning Outcome: Communication

Students will demonstrate ability to effectively communicate through oral and written means.

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 08/31/2016

Assessment Methods

Master’s Comprehensive Exam - Master’s Comprehensive Exam – Communication Rubric (Active)

Criterion: 80% of students will score at least 3.0/4.0 on the rubric
Schedule: Every year. Assessment will start 08/31/2016. Data will be collected by faculty administering the Master’s Comp Exam every time that exam is offered and results compiled.

Student Exit Survey - Master’s Exit Survey – Communication Rubric (Active)

Criterion: 80% of students will score at least 3.0/4.0 on the rubric
Schedule: Every year. Assessment will start 08/31/2016. Data will be collected as a co-requirement with the Master’s Comp Exam every time that exam is offered and rubric will be applied by the graduate committee chair. Results will be compiled.

Student Learning Outcome: Fundamental Knowledge of Systems

Students will demonstrate fundamental knowledge of systems and engineering management (SYEM) concepts.

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 08/31/2016

Assessment Methods

Master’s Comprehensive Exam - Master’s Comprehensive Exam – Results (Active)

Criterion: 90% of students will pass the exam.
Schedule: Every year. Assessment will start 08/31/2016. Data will be collected every time exam is offered and results compiled.

Student Exit Survey - Master’s Exit Survey – Fundamental Knowledge Questions (Active)

Criterion: 80% of students will score at least 8.0/10.0 on the questions related to systems and engineering management knowledge gained from the program.
Degree Program - ENG - DE - Systems and Engineering Management (MSSEM)

**Schedule:** Every year. Assessment will start 08/31/2016. Data will be collected as a co-requirement with the Master's Comp Exam every time that exam is offered and results compiled.

### Student Learning Outcome: Professional Settings

Students will demonstrate ability to work effectively in professional settings.

**Outcome Status:** Active  
**Outcome Type:** Student Learning  
**Start Date:** 08/31/2016

#### Assessment Methods

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<th>Assessment Method</th>
<th>Description</th>
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| **Master's Comprehensive Exam - Master's Comprehensive Exam – Job Placement (Active)** | **Criterion:** 70% of students will have an industry or academic placement at the time of graduation.  
**Schedule:** Every year. Assessment will start 08/31/2016. Data will be collected by faculty administering the Master’s Comp Exam every time that exam is offered and results compiled. |
| **Student Exit Survey - Master’s Exit Survey – Teamwork Questions (Active)** | **Criterion:** 90% of students will score at least 8.0/10.0 on the questions related to their experience working in teams in the systems and engineering management program.  
**Schedule:** Every year. Assessment will start 08/31/2016. Data will be collected as a co-requirement with the Master’s Comp Exam every time that exam is offered and rubric will be applied by the graduate committee chair. Results will be compiled. |