Assessment: Assessment Plan

Degree Program - ENG - Systems and Engineering Management (MS)

CIP Code: 14.2701.00

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Modality: 100% Online, Face-to-Face

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: 08/24/2015

Assessment Methods

Master's Comprehensive Exam - Master's Comprehensive Exam – Communication Rubric (Active)
Criterion: Pre-2017-2018: 80% of students will score at least 3.0/4.0 on the rubric 2017-2018 and beyond: 50% of students will score at least 3.0/4.0 on the rubric **Schedule:** Every year. Assessment will start 08/25/2015. 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: Pre-2019-2020: 80% of students will score at least 3.0/4.0 on the rubric 2019-2020 and beyond: 50% of students will score at least 3.0/4.0 on the rubric **Schedule:** Every year. Assessment will start 08/25/2015. 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 Knowledgeof Systems

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

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 08/24/2015

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 08/25/2015. Data will be collected every time exam is offered and results compiled.

Degree Program - ENG - Systems and Engineering Management (MS)

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 knowledge gained from the program.
Schedule: Every year. Assessment will start 08/25/2015. 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: 08/24/2015

Assessment Methods

Employment - LinkedIn Searching – Job Placement (Active)

Criterion: 70% of students with industry or academic placement within 1 academic year of graduation

Note: Prior to 2018-19 a Student Exit Survey was used.
Schedule: Every year. Data will be collected each year during the Spring semester for the previous academic year's graduates. Results will be compiled.

Student Exit Survey - Master's Exit Survey – Teamwork Questions (Active)

Criterion: Pre-2017-2018: 90% of students will score at least 8.0/10.0 on the questions related to their experience working in teams in the program.
2017-2018 and beyond: 80% of students will score at least 8.0/10.0 on the questions related to their experience working in teams in the program.

Schedule: Every year. Assessment will start 08/25/2015. 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.