

Assessment: Assessment Plan

Degree Program - ENG - Civil Engineering (MSCE)

CIP Code: 14.0801.00

Degree Program Coordinator: Priyantha Jayawickrama

Degree Program Coordinator Email: priyantha.jayawickrama@ttu.edu

Degree Program Coordinator Phone: +18068340681

Degree Program Coordinator Mail Stop: 1023

Program Purpose Statement: The mission of the department has three elements:

To provide excellent instructions and design experiences essential for graduates to enter the practice of civil engineering and pursue lifelong professional development.

To provide research opportunities for students that generate, communicate, and apply new knowledge for the betterment of society.

To foster a spirit of service and leadership among students and faculty and assist the public in addressing issues concerning using our resources, protecting our environment and developing our infrastructure.

Assessment Coordinator: Priyantha Jayawickrama

Modality: Fully Online (86-99% Online), Face-to-Face

Student Learning Outcome: Research Methods and Analysis:

MS (Thesis) Graduates in CE will demonstrate qualitative and quantitative skills in planning and executing a research project in the selected area of specialization, and then analyzing and interpreting results obtained

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 09/01/2015

Assessment Methods

Faculty Assessment - Thesis Defense Assessment Rubric; Members of the student's advisory committee will provide their assessment based on a scale 1-5. (Active)

Criterion: 80% of the MS (Thesis) graduates achieve 3.0 (out of 5.0) or better

Schedule: Graduating semester

Related Documents:

[Assessment Rubric-MS Thesis_Report Defense or Comp Exam.pdf](#)

Self-Assessments - Student Exit Survey- Students will provide their assessment based on a scale 1-5 in exit survey questionnaire (Active)

Criterion: 80% of the MS (Thesis) graduates achieve 3.0 (out of 5.0) or better

Schedule: Graduating semester

Related Documents:

[Exit Survey Form.pdf](#)

Student Learning Outcome: Scholarly Communications

MS Graduates in CE will demonstrate proficiency in written and verbal communication

Outcome Status: Active

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Outcome Type: Student Learning

Start Date: 09/01/2015

Assessment Methods

Thesis - Thesis/Report Defense Grading Rubric: Members of the student's advisory committee will provide their assessment on the student's written communication skills using a scale 1-5 based on their review of thesis/report (Active)

Criterion: 80% of the MS (Thesis/Report) graduates achieve 3.0 (out of 5.0) or better

Schedule: Graduating semester

Oral exam - Thesis/Report Defense Grading Rubric: Members of the student's advisory committee will provide their assessment on the student's verbal communication skills using a scale 1-5 based on the student's performance during defense presentation (Active)

Criterion: 80% of the MS (Thesis/Report) graduates achieve 3.0 (out of 5.0) or better

Schedule: Graduating semester

Student Learning Outcome: Advanced Core Knowledge and Essential Skills

MS Graduates in CE will demonstrate mastery of essential core knowledge and skills related to the selected area of specialization

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 09/01/2018

Assessment Methods

Faculty Assessment - Thesis/Report Defense or Final Comprehensive Exam Assessment Rubric; Members of the student's advisory committee will provide their assessment based on a scale of 1-5. (Active)

Criterion: 80% of the MSCE. graduates achieve 3.0 (out of 5.0) or better

Schedule: Graduating Semester

Related Documents:

[Assessment Rubric-MS Thesis_Report Defense or Comp Exam.pdf](#)

Self-Assessments - Student Exit Survey- Students will provide their assessment based on a scale 1-5 in an exit survey questionnaire (Active)

Criterion: 80% of the MSCE graduates achieve 3.0 (out of 5.0) or better

Schedule: Graduating Semester

Related Documents:

[Exit Survey Form.pdf](#)

Student Learning Outcome: Professional Engagement

MS Graduates in CE will demonstrate an understanding of intellectual and organizational aspects of the profession and participate in professional organization activities

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 09/01/2018

Assessment Methods

Degree Program - ENG - Civil Engineering (MSCE)

Professional Development Activities - Student Exit Survey-Students will provide information on professional development activities undertaken during their program of study (Active)

Criterion: 50% of the MS graduates have engaged in at least one professional development activity

Schedule: Graduating semester

Student Exit Survey - Students will provide information on memberships held in professional organizations during their program of study (Active)

Criterion: 50% of the MS graduates have gained membership in at least one professional organization

Schedule: Graduating semester