Assessment: Assessment Plan

TEXAS TECH UNIVERSITY
Office *of the* Provost
Office *of* Planning & Assessment™

Degree Program - ENG - Civil Engineering (PHD)

CIP Code: 14.0801.00

Next Accrediting Agency Review: 14-15

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Modality: Face-to-Face

Student Learning Outcome: Advanced Core Knowledge and Essential Skills

PhD 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

Additional Assessment Component: Marketable Skills

Assessment Methods

Faculty Assessment - Doctoral Defense Grading Rubric; Members of the student's advisory committee will provide their assessment based on a scale 1-5. (Active)
Criterion: 80% of the Ph.D. graduates achieve 4.0 (out of 5.0) or better **Schedule:** Graduating Semester **Related Documents:** Assessment Rubric-Doctoral Defense.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 Ph.D. graduates achieve 4.0 (out of 5.0) or better **Schedule:** Graduating semester **Related Documents:** Exit Survey Form.pdf

Student Learning Outcome: Research Methods and Analysis

PhD 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 the results obtained

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 09/01/2018

Assessment Methods

Degree Program - ENG - Civil Engineering (PHD)

Faculty Assessment - Doctoral Defense Grading Rubric; Members of the student's advisory committee will provide their assessment based on a scale 1-5 during the doctoral dissertation defense using a Grading Rubric (Active)

Criterion: 80% of the Ph.D. graduates achieve 4.0 (out of 5.0) or better
Schedule: Graduating Semester
Related Documents:
Assessment Rubric-Doctoral Defense.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 Ph.D. graduates achieve 4.0 (out of 5.0) or better
Schedule: Graduating semester
Related Documents:
Exit Survey Form.pdf

Student Exit Survey - Exit Survey Questionnaire: Number of research articles published in refereed journals or major conference proceedings as reported in student exit survey (Active)

Criterion: 80% of the Ph.D. graduates have at least one publication and 50% of the Ph.D. graduates have 2 more publications (accepted or published)
Schedule: Graduating semester
Related Documents:
Exit Survey Form.pdf

Student Learning Outcome: Scholarly Communication

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

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 09/01/2018

Assessment Methods

Dissertation - Doctoral 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 the student's dissertation. (Active)

Criterion: 80% of the Ph.D. graduates achieve 4.0 (out of 5.0) or better
Schedule: Graduating semester
Related Documents:
Assessment Rubric-Doctoral Defense.pdf

Oral exam - Doctoral 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 Ph.D. graduates achieve 4.0 (out of 5.0) or better
Schedule: Graduating semester
Related Documents:
Assessment Rubric-Doctoral Defense.pdf

Student Exit Survey - Exit Survey Questionnaire: Number of technical presentations made at professional venues as reported in student exit survey (Active)

Criterion: 80% of the Ph.D. graduates have at least one technical presentation and 50% of the Ph.D. graduates have 2 more technical presentations

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Schedule: Graduating semester

Student Learning Outcome: Professional Engagement

PhD Graduates in CE will demonstrate 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

Professional Development Activities - Student exit survey questionnaire: -   Professional development activities (training programs, workshops) undertaken as reported in the exit survey (Active)

Criterion: 80% of the Ph.D. graduates have engaged in at least one professional development activity and 50% of the Ph.D. graduates have engaged in 2 or more professional development activity
Schedule: Graduating semester
Related Documents:
Exit Survey Form.pdf

Student Exit Survey - Memberships in professional organizations (Active)

Criterion: 80% of the Ph.D. graduates have gained membership in at least one professional organization
Schedule: Graduating semester
Related Documents:
Exit Survey Form.pdf

Student Exit Survey - Participation in conferences and other professional events (Active)

Criterion: 80% of the Ph.D. graduates have participated in at least one conference or professional event; 50% of the graduates have participated in 2 more conferences or professional events
Schedule: Graduating semester
Related Documents:
Exit Survey Form.pdf