Assessment: Assessment Plan

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

Degree Program - ENG - Mechanical Engineering (MSME)

CIP Code: 14.1901.00
Disciplinary Accrediting Body: ABET
Next Accrediting Agency Review: 20-21
Degree Program Coordinator: Nurcan Bac
Degree Program Coordinator Email: nurcan.bac@ttu.edu

Program Purpose Statement: The mission of the department is to offer students nationally recognized educational opportunities grounded in the fundamentals of mechanical engineering and involving state-of-the-art technology. The department programs support technological development and innovation to meet many goals, including the needs of society.

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

Student Learning Outcome: Knowledge of the field

Master's graduates will have advanced knowledge of the field.
Outcome Status: Active
Outcome Type: Student Learning
Start Date: 08/01/2018

Assessment Methods

Performance - GPA Analysis (Active)
Criterion: Average GPA for graduating students to be at least 3.5

Student Exit Survey - Assessment Question on Exit Survey (Active)
Criterion: Exit survey questions [3, 4, 5, 6, 8, 11], average at least 4.0 **Related Documents:** Exit_Interview_Form (02.21.19)[2708].pdf

Student Learning Outcome: Thesis Option

Students pursuing the thesis option will have an understanding of ME research and will use literature to solve and/or comprehend engineering problems.
Outcome Status: Active
Outcome Type: Student Learning
Start Date: 08/01/2018

Assessment Methods

Thesis - Successful completion of master's defense. (Active)
Criterion: 90% of the students succesfully defend their master's thesis

Student Exit Survey - Assessment Questions on Exit Survey (Active)

Criterion: Exit survey questions [6, 7, 12, 13], average at least 4.0
Related Documents:
Exit_Interview_Form (02.21.19)[2708].pdf

Student Learning Outcome: Work effectively in professional settings

Master's graduates will develop the ability to work effectively in professional settings.
Outcome Status: Active
Outcome Type: Student Learning
Start Date: 08/01/2018

Assessment Methods

Student Exit Survey - Number of interviews reported by graduating students (on the Exit Survey), OR for students pursuing graduate school, the number of completed applications for doctoral studies. (Active)

Criterion: Average number of interviews/PhD applications to be at least 3
Related Documents:
Exit_Interview_Form (02.21.19)[2708].pdf

Student Exit Survey - Assessment Questions on Exit Survey (Active)

Criterion: Exit survey questions [1,2,5,6,10,14] average a least 4
Related Documents:
Exit_Interview_Form (02.21.19)[2708].pdf