

Assessment: Assessment Plan

Degree Program - GRAD - Wind Science and Engineering (PHD)

CIP Code: 14.1301.00

Disciplinary Accrediting Body: SACSCOC

Degree Program Coordinator: Delong Zuo

Degree Program Coordinator Email: delong.zuo@ttu.edu

Degree Program Coordinator Phone: (806) 834-6535

Degree Program Coordinator Mail Stop: 1023

Program Purpose Statement: The National Wind Institute will continue to perform advanced and innovative multidisciplinary research to mitigate the deleterious effects of windstorms on the built environment, people, and their quality of life, and to utilize the beneficial effects of wind for energy. Through research, we provide educational experiences that prepares students for technical and leadership roles in private practice, industry, government, and academia. We will be the choice for interested students, professionals, and industry on wind related research and education.

Assessment Coordinator: Marie Hanza

Modality: Face-to-Face

Student Learning Outcome: Strengthen program enrollment

Improve student recruitment, retention, and diversity

Outcome Status: Active

Outcome Type: Program

Start Date: 09/01/2014

Assessment Methods

Self-Assessments - Review enrollment records (Active)

Criterion: The number of newly admitted students is equal to or greater than three a year; the number of female or minority students among them is equal to or greater than one; the number of students graduating is equal to or greater than three a year

Schedule: Annual

Student Transcript Evaluation - Evaluate the progress of students towards degree completion (Active)

Criterion: The number of students quitting the program or experiencing significant delays is equal to or less than one a year

Schedule: Annual

Student Learning Outcome: Enhance student academic success

Ensure the quality of research, publication, internship, and service

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 09/01/2014

Assessment Methods

Dissertation - Evaluate the topic chosen for dissertation and composition of advisory committee (Active)

Degree Program - GRAD - Wind Science and Engineering (PHD)

Criterion: Dissertation topic meeting multidisciplinary requirement and representation of two or more disciplines on advisory committee

Schedule: Annual

Field Placement/Internship - Review internship placement and report (Active)

Criterion: All students meeting internship requirement prior to graduation and completion of internship report

Schedule: Annual

Self-Assessments - Review the quantity and quality of publications; review service activities (Active)

Criterion: One publication on a high-quality journal is required prior to graduation; Commitment to service activities is required on a continuous basis.

Schedule: Annual

Student Learning Outcome: Broaden program's impacts

Support the effort by students and faculty to disseminate and exchange knowledge; increase partnership with industry and other academic institutions; place graduates at respected organizations

Outcome Status: Active

Outcome Type: Program

Start Date: 09/01/2014

Assessment Methods

Employment - Review the employment of graduates (Active)

Criterion: All graduates attaining employment upon graduation and their employment align with the degree program

Schedule: Annual

Professional Development Activities - Review workshops and conferences participated by students and faculty (Active)

Criterion: The number of workshops and conferences participated by students is equal to or greater than one a year

Schedule: Annual

Study Abroad Experience - Review exchange programs with international partners (Active)

Criterion: The number of students participating international programs is equal to or greater than one a year

Schedule: Annual