Degree Program Assessment Plan

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

Disciplinary Accrediting Body: SACSCOC
CIP Code: 14.1301.00
Next Program Review: 20-21
Degree Program Coordinator: Kishor Mehta
Degree Program Coordinator Email: kishor.mehta@ttu.edu
Degree Program Coordinator Phone: +18068345679

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: Daan Liang

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 three 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