

**Multi-Survey and Multi-Year Comparative Survey Results by College and by Department**  
**PART 10: UNDERGRADUATE INTERDISCIPLINARY PROGRAMS**

*(In sets by Program)*

**From . . .**

The *Graduating Student Survey* of undergraduates  
The *Post-Graduate Survey* of Master's Students  
The *Post-Graduate Survey* of Doctoral Students  
*One-Year Alumni Survey* of undergraduates  
*Three-Year Alumni Survey* of undergraduates  
*Seven Year Alumni Survey* of undergraduates

**For . . .**

Two Years 2012-13 and 2013-14 for 3 sets of students at graduation  
Two years 2011-12 & 2012-13 for 1-year undergraduate alumni\*  
Two years 2008-9 and 2009-10 for 3-year undergraduate alumni\*  
Two years 2005-6 and 2006-7 for 7-year undergraduate alumni\*  
\*(or longer for small departments)

A multi-year survey population is required to have a reasonably fair representation from the variety of majors within a department.

**Covering . . .**

**At-graduation rating questions. . . .**

General Rating for Meeting Your Goals  
Faculty Knowledge  
Teaching Quality  
Bringing Research into Class  
Faculty Help Outside of Class  
Faculty Interest in your Success  
Applicable Courses  
Course Availability  
Lab/Studio Quality (undergraduate level)  
Class Lab Quality & Research Lab Quality (graduate level)  
Advisor – Availability  
Advisor – Administrative Help  
Advisor – Academic Help  
Advisor – Useful/Accurate  
Advisor – Career Advice (graduate level)  
Collegiality (graduate level)  
Department Staff  
College Academic Dean or Graduate School

**Both at-graduation and alumni employment outcomes questions. . . .**

Job Preparation  
Job Satisfaction  
Job Related to Major  
Full-Time Salary

**Alumni rating questions. . . .**

How a Degree from Tech Compares  
Faculty  
Courses  
Academic Facilities  
Advising  
Job Assistance

**UNIVERSITY STUDIES  
INTERDISCIPLINARY PROGRAMS**

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**GRADUATING STUDENT SURVEY**

[Undergraduates at graduation]

Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**

Respondents: 176 32.8%

(All scales are 1 to 5 unless otherwise noted. Multiple surveys are used to give sufficient numbers of responses to be reasonably representative.)

**GENERAL RATING**

(Meeting your goals)

Count:

166

Average Rating:

4.08

Std. Err.:

0.07

Rating Distribution:



**FACULTY KNOWLEDGE**

Count:

161

Average Rating:

4.39

Std. Err.:

0.07

Rating Distribution:



**TEACHING QUALITY**

Count:

160

Average Rating:

4.23

Std. Err.:

0.07

Rating Distribution:



**BRINGING RESEARCH INTO CLASS**

Count:

157

Average Rating:

4.10

Std. Err.:

0.08

Rating Distribution:



**FACULTY HELP OUTSIDE CLASS**

Count:

155

Average Rating:

4.18

Std. Err.:

0.08

Rating Distribution:



**UNIVERSITY STUDIES  
INTERDISCIPLINARY PROGRAMS**


Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**


AT

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**INTEREST IN YOUR SUCCESS**

Count:	159
Average Rating:	4.15
Std. Err.:	0.09
Rating Distribution:	


**APPLICABLE COURSES**

Count:	159
Average Rating:	4.10
Std. Err.:	0.08
Rating Distribution:	

**COURSE AVAILABILITY**

Count:	160
Average Rating:	3.93
Std. Err.:	0.09
Rating Distribution:	

**LAB / STUDIO QUALITY**

Count:	114
Average Rating:	3.99
Std. Err.:	0.10
Rating Distribution:	

Count:	
Average Rating:	
Std. Err.:	
Rating Distribution:	

**UNIVERSITY STUDIES  
INTERDISCIPLINARY PROGRAMS**


Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**

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**ADVISOR AVAILABILITY**


Count:	161
Average Rating:	4.04
Std. Err.:	0.10
Rating Distribution:	

Count:	
Average Rating:	
Std. Err.:	
Rating Distribution:	

**ADVISOR - ADMIN. HELP**


Count:	161
Average Rating:	3.98
Std. Err.:	0.11
Rating Distribution:	

**ADVISOR - ACADEMIC HELP**

Count:	160
Average Rating:	3.96
Std. Err.:	0.11
Rating Distribution:	

Count:	
Average Rating:	
Std. Err.:	
Rating Distribution:	

**ADVISOR - USEFUL/ACCURATE**

Count:	161
Average Rating:	3.93
Std. Err.:	0.11
Rating Distribution:	

**UNIVERSITY STUDIES  
INTERDISCIPLINARY PROGRAMS**

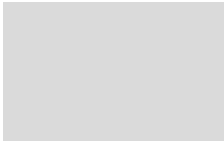
Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**

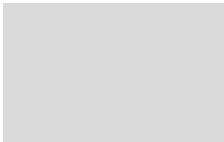
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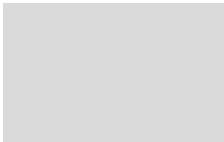
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Std. Err.:  
Rating Distribution:



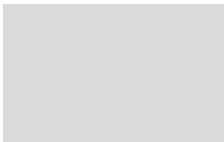
Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



Count:  
Average Rating:  
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Rating Distribution:



Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



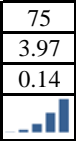
**DEPARTMENT STAFF**

Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



**ACADEMIC DEAN**

Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



**UNIVERSITY STUDIES  
INTERDISCIPLINARY PROGRAMS**

Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**

AT

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**JOB PREPARATION**

Count:

95

Average Rating:

4.32

Std. Err.:

0.09

Rating Distribution:



**JOB SATISFACTION**

Count:

95

Average Rating:

3.17

Std. Err.:

0.08

Rating Distribution:



(Scale 1 to 4)

**JOB RELATED TO MAJOR**

Count:

95

Average Rating:

2.56

Std. Err.:

0.11

Rating Distribution:



(Scale 1 to 4)

**JOB SALARY (x \$10k)**

Count:

86

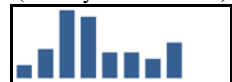
Average:

49.580

Std. Err.:

2.207

(In May 2014 dollars)



(\$10,000s to 100,000+ in \$10K groups)

Summary of Graduation and Alumni Surveys by Program

UNIVERSITY STUDIES  
INTERDISCIPLINARY PROGRAMS

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ONE YEAR ALUMNI SURVEY

[Undergraduates a year after graduation]

Latest 2 years (2011-12 & 2012-13 grads)

Respondents: 20 3.3%

RECENT ALUMNI SURVEY

[Undergraduates about 3 years after graduation]

Latest 4 years (2006-7 thru 2009-10 grads)

Respondents: 0 0.0%

ALUMNI SURVEY

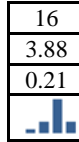
[Undergrads approximately 7 years after.]

Not Applicable

Respondents: 0 0.0%

JOB PREPARATION

Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



JOB PREPARATION

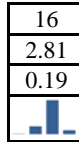


JOB PREPARATION



JOB SATISFACTION

Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



(Scale 1 to 4)

JOB SATISFACTION



(Scale 1 to 4)

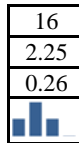
JOB SATISFACTION



(Scale 1 to 4)

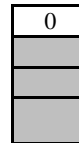
JOB RELATED TO MAJOR

Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



(Scale 1 to 4)

JOB RELATED TO MAJOR



(Scale 1 to 4)

JOB RELATED TO MAJOR



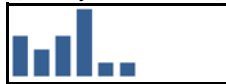
(Scale 1 to 4)

JOB SALARY (x \$10k)

Count:  
Average Salary  
Std. Err.:



(In May 2014 dollars)



(\$10,000s to 100,000+ in \$10K groups)

JOB SALARY (x \$10k)



(In May 2014 dollars)



(\$10,000s to 100,000+ in \$10K groups)

JOB SALARY (x \$10k)



(In May 2014 dollars)



(\$10,000s to 100,000+ in \$10K groups)

Summary of Graduation and Alumni Surveys by Program

UNIVERSITY STUDIES

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ONE YEAR ALUMNI SURVEY

Latest 2 years (2011-12 & 2012-13 grads)

RECENT ALUMNI SURVEY

Latest 4 years (2006-7 thru 2009-10 grads)

ALUMNI SURVEY

Not Applicable

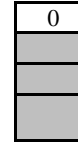
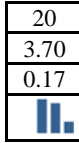
DEGREE COMPARISON

(In working or studying with people from other universities, how does your TTU degree compare?)

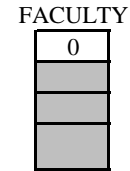
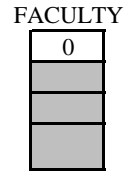
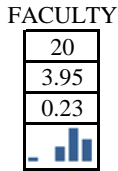
DEGREE COMPARISON

DEGREE COMPARISON

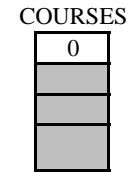
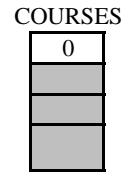
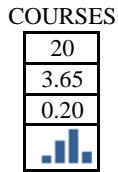
Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



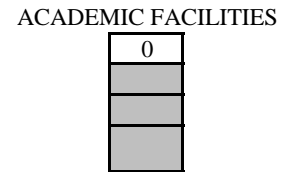
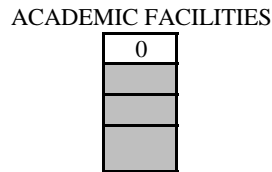
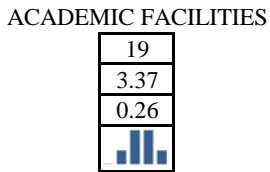
Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



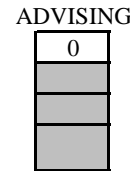
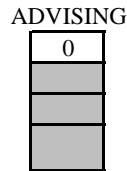
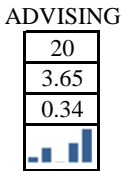
Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



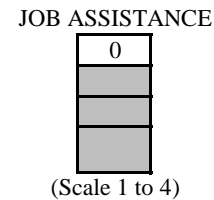
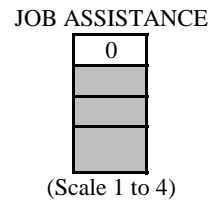
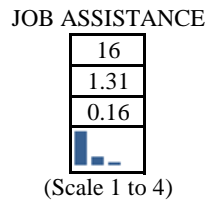
Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:





## Summary of Graduation and Alumni Surveys by Program

### NOTES:

Participants in the *Graduating Student Survey (GSS)* and the *Post-Graduate Survey (PGS)* are invited to participate just prior to graduation, and the Internet-based survey remains open a short period after Commencement.

The *One-Year Alumni Survey* is done twice a year -- in the winter for December graduates of the year before and in the summer for May and August commencements of the previous year. The other two alumni surveys are done only once a year in either the fall or in the spring.

The three alumni surveys are accomplished using one mailing of a survey instrument with a postage-paid return envelope. Participants may also respond via a passcode to an Internet site although relatively few do. Budgetary constraints necessitates a single mailing, although that reduces response rates.

The major of the graduating student or the alumnus is self-reported and may differ from the officially reported degree. Some students expecting to graduate in a given commencement will actually graduate at a later date. Simultaneous degrees in two departments or colleges are classified as a special category rather than as separate degrees for two units. Not all degree tabulations were certified as final at the time they had to be used for reporting. For all of the reasons listed here, the response rates are only approximations.

The organization of the data is according to the latest CB-approved academic organization. For example, all Geography majors for all time were moved to the Department of Geosciences when that reorganization went into effect (even if the degree had been granted when that major was in a department along with Economics). This permits comparing longitudinal data given that some departments and colleges have experienced a number of reorganizations in recent years.

A minimum of two years of surveys is used in order to allow inclusion of a sample of all majors in a department. Three or more years of surveys may be required to provide at least a minimum number of participants in small units. Otherwise, the number of surveys used is the set having the largest response rate in the shortest time frame that is reasonably similar to the response pattern used for comparable units. Not every department could be included, having failed to meet the minimum requirement of 5 responses for most questions.

All job salaries are normalized by the Consumer Price Index to May 2014 dollars to make salaries comparable.

Each of the hundred different ratings-distribution charts uses the compact Excel Sparkline tool. Top-performance is indicated by the highest columns appearing toward the far right and little or no activity on the far left. Limitations of the software may in some cases exaggerate a difference in rating counts within a chart, so use it primarily to see where the greatest number of ratings are focused (rather than how much one rating differs from another).

The standard error illustrates the value of one standard deviation above or below the mean. Given that the usual formula becomes less accurate with smaller numbers of responses, a different formula is used for counts below 30 to show a more reasonable range of error for making comparisons.

All questions are optional. Off-campus graduates use a shorter survey instrument. Question response counts will thus differ from the overall response.

FYI: The surveys also contain information in the *Graduating Student Survey*, the *Post-Graduate Survey*, and the 3 alumni surveys regarding . . .

Reasons for coming to TTU	<i>GSS, PGS, Alumni</i>	Individual student services	<i>GSS, PGS, Alumni</i>	Personal development	<i>Alumni</i>
Goals and outcomes	<i>GSS, PGS, Alumni</i>	Individual administrative units	<i>GSS, PGS, Alumni</i>	Educational attainments	<i>Alumni</i>
Employer name and type	<i>GSS, PGS, Alumni</i>	Library ratings	<i>GSS, PGS</i>	Time to the First Job	<i>Alumni</i>
Job Title	<i>GSS, PGS, Alumni</i>	Computer facilities	<i>GSS, PGS</i>		
Job Location	<i>GSS, PGS, Alumni</i>	Social & cultural environment	<i>PGS</i>		
Continuing education	<i>GSS, PGS, Alumni</i>	Parent's educational background	<i>PGS</i>		
		Paying for education	<i>PGS</i>		

Every survey section gives the respondent an opportunity to write lengthy comments.

**WIND ENERGY  
INTERDISCIPLINARY PROGRAMS**

AT

GRADUATING STUDENT SURVEY  
[Undergraduates at graduation]  
Latest 2 years (2012-13 & 2013-14 grads)  
BACCALAREATE STUDENTS  
Respondents: 21 44.7%

(All scales are 1 to 5 unless otherwise noted. Multiple surveys are used to give sufficient numbers of responses to be reasonably representative.)

**GENERAL RATING**  
(Meeting your goals)

Count:	19
Average Rating:	4.21
Std. Err.:	0.17
Rating Distribution:	

**FACULTY KNOWLEDGE**

Count:	17
Average Rating:	4.59
Std. Err.:	0.15
Rating Distribution:	

**TEACHING QUALITY**

Count:	17
Average Rating:	3.94
Std. Err.:	0.24
Rating Distribution:	

**BRINGING RESEARCH INTO CLASS**

Count:	17
Average Rating:	3.59
Std. Err.:	0.34
Rating Distribution:	

**FACULTY HELP OUTSIDE CLASS**

Count:	17
Average Rating:	3.76
Std. Err.:	0.34
Rating Distribution:	


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**WIND ENERGY  
INTERDISCIPLINARY PROGRAMS**


Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**


**INTEREST IN YOUR SUCCESS**

Count:	17
Average Rating:	3.59
Std. Err.:	0.40
Rating Distribution:	


**APPLICABLE COURSES**

Count:	17
Average Rating:	3.82
Std. Err.:	0.24
Rating Distribution:	

**COURSE AVAILABILITY**

Count:	17
Average Rating:	3.53
Std. Err.:	0.31
Rating Distribution:	

**LAB / STUDIO QUALITY**

Count:	17
Average Rating:	3.59
Std. Err.:	0.38
Rating Distribution:	

Count:	
Average Rating:	
Std. Err.:	
Rating Distribution:	

**WIND ENERGY  
INTERDISCIPLINARY PROGRAMS**


Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**

AT


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**ADVISOR AVAILABILITY**


Count:	17
Average Rating:	3.88
Std. Err.:	0.36
Rating Distribution:	

Count:	
Average Rating:	
Std. Err.:	
Rating Distribution:	

**ADVISOR - ADMIN. HELP**


Count:	17
Average Rating:	3.82
Std. Err.:	0.37
Rating Distribution:	

**ADVISOR - ACADEMIC HELP**

Count:	17
Average Rating:	3.76
Std. Err.:	0.39
Rating Distribution:	

Count:	
Average Rating:	
Std. Err.:	
Rating Distribution:	

**ADVISOR - USEFUL/ACCURATE**

Count:	17
Average Rating:	3.82
Std. Err.:	0.39
Rating Distribution:	

**WIND ENERGY  
INTERDISCIPLINARY PROGRAMS**

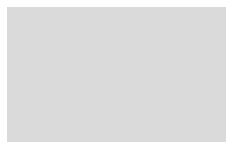
Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**

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Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:

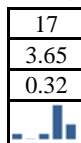


Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



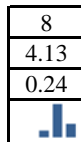
**DEPARTMENT STAFF**

Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:



**ACADEMIC DEAN**

Count:  
Average Rating:  
Std. Err.:  
Rating Distribution:




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**WIND ENERGY  
INTERDISCIPLINARY PROGRAMS**


Latest 2 years (2012-13 & 2013-14 grads)

**BACCALAREATE STUDENTS**

**JOB PREPARATION**


Count:	11
Average Rating:	4.18
Std. Err.:	0.24
Rating Distribution:	

**JOB SATISFACTION**

Count:	11
Average Rating:	3.27
Std. Err.:	0.20
Rating Distribution:	

(Scale 1 to 4)

**JOB RELATED TO MAJOR**

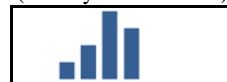
Count:	11
Average Rating:	2.73
Std. Err.:	0.43
Rating Distribution:	

(Scale 1 to 4)

**JOB SALARY (x \$10k)**

Count:	10
Average:	54.501
Std. Err.:	3.341

(In May 2014 dollars)



(\$10,000s to 100,000+ in \$10K groups)

# Summary of Graduation and Alumni Surveys by Program

## WIND ENERGY INTERDISCIPLINARY PROGRAMS

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### ONE YEAR ALUMNI SURVEY

[Undergraduates a year after graduation]

Latest 2 years (2011-12 & 2012-13 grads)

Respondents: 1 4.3%

### RECENT ALUMNI SURVEY

[Undergraduates about 3 years after graduation]

Not applicable

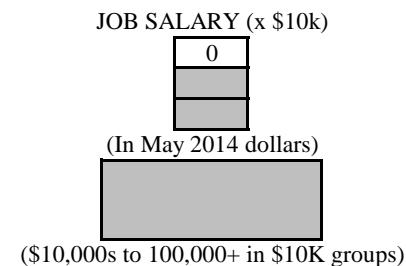
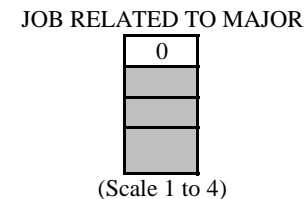
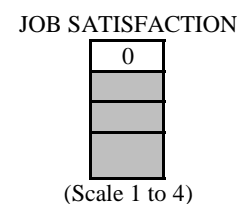
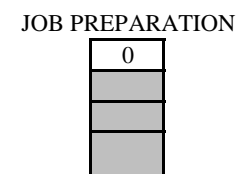
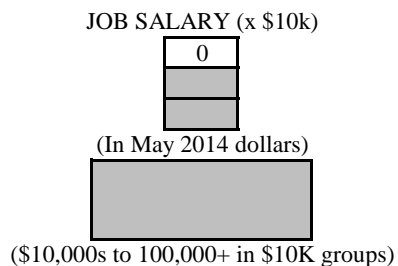
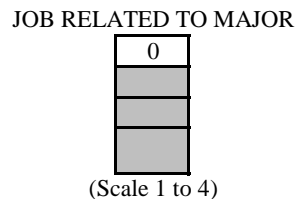
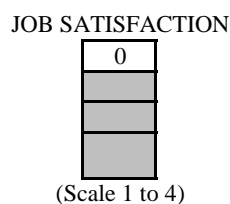
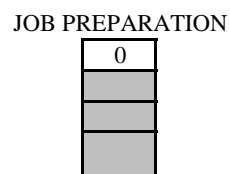
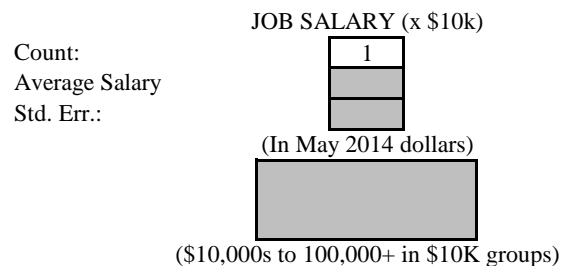
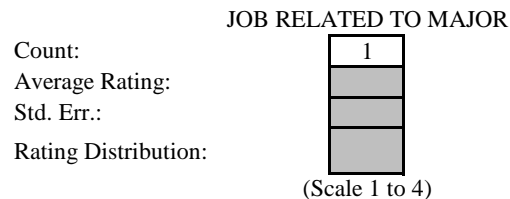
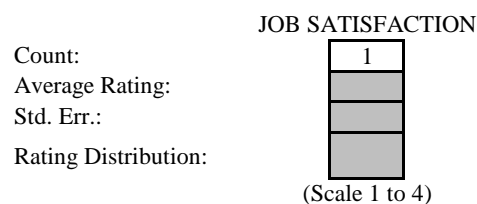
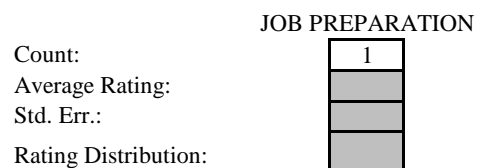
Respondents: 0 0.0%

### ALUMNI SURVEY

[Undergrads approximately 7 years after.]

Not applicable

Respondents: 0 0.0%



# Summary of Graduation and Alumni Surveys by Program

## WIND ENERGY

A L U M N I	ONE YEAR ALUMNI SURVEY Latest 2 years (2011-12 & 2012-13 grads)	RECENT ALUMNI SURVEY Not applicable	ALUMNI SURVEY Not applicable
	DEGREE COMPARISON	DEGREE COMPARISON	DEGREE COMPARISON
	<i>(In working or studying with people from other universities, how does your TTU degree compare?)</i>		
	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:
	FACULTY	FACULTY	FACULTY
	COURSES	COURSES	COURSES
	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:
	ACADEMIC FACILITIES	ACADEMIC FACILITIES	ACADEMIC FACILITIES
	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:
	ADVISING	ADVISING	ADVISING
	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:
	JOB ASSISTANCE	JOB ASSISTANCE	JOB ASSISTANCE
	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:	Count: Average Rating: Std. Err.: Rating Distribution:
	(Scale 1 to 4)	(Scale 1 to 4)	(Scale 1 to 4)



## Summary of Graduation and Alumni Surveys by Program

### NOTES:

Participants in the *Graduating Student Survey (GSS)* and the *Post-Graduate Survey (PGS)* are invited to participate just prior to graduation, and the Internet-based survey remains open a short period after Commencement.

The *One-Year Alumni Survey* is done twice a year -- in the winter for December graduates of the year before and in the summer for May and August commencements of the previous year. The other two alumni surveys are done only once a year in either the fall or in the spring.

The three alumni surveys are accomplished using one mailing of a survey instrument with a postage-paid return envelope. Participants may also respond via a passcode to an Internet site although relatively few do. Budgetary constraints necessitates a single mailing, although that reduces response rates.

The major of the graduating student or the alumnus is self-reported and may differ from the officially reported degree. Some students expecting to graduate in a given commencement will actually graduate at a later date. Simultaneous degrees in two departments or colleges are classified as a special category rather than as separate degrees for two units. Not all degree tabulations were certified as final at the time they had to be used for reporting. For all of the reasons listed here, the response rates are only approximations.

The organization of the data is according to the latest CB-approved academic organization. For example, all Geography majors for all time were moved to the Department of Geosciences when that reorganization went into effect (even if the degree had been granted when that major was in a department along with Economics). This permits comparing longitudinal data given that some departments and colleges have experienced a number of reorganizations in recent years.

A minimum of two years of surveys is used in order to allow inclusion of a sample of all majors in a department. Three or more years of surveys may be required to provide at least a minimum number of participants in small units. Otherwise, the number of surveys used is the set having the largest response rate in the shortest time frame that is reasonably similar to the response pattern used for comparable units. Not every department could be included, having failed to meet the minimum requirement of 5 responses for most questions.

All job salaries are normalized by the Consumer Price Index to May 2014 dollars to make salaries comparable.

Each of the hundred different ratings-distribution charts uses the compact Excel Sparkline tool. Top-performance is indicated by the highest columns appearing toward the far right and little or no activity on the far left. Limitations of the software may in some cases exaggerate a difference in rating counts within a chart, so use it primarily to see where the greatest number of ratings are focused (rather than how much one rating differs from another).

The standard error illustrates the value of one standard deviation above or below the mean. Given that the usual formula becomes less accurate with smaller numbers of responses, a different formula is used for counts below 30 to show a more reasonable range of error for making comparisons.

All questions are optional. Off-campus graduates use a shorter survey instrument. Question response counts will thus differ from the overall response.

FYI: The surveys also contain information in the *Graduating Student Survey*, the *Post-Graduate Survey*, and the 3 alumni surveys regarding . . .

Reasons for coming to TTU	<i>GSS, PGS, Alumni</i>	Individual student services	<i>GSS, PGS, Alumni</i>	Personal development	<i>Alumni</i>
Goals and outcomes	<i>GSS, PGS, Alumni</i>	Individual administrative units	<i>GSS, PGS, Alumni</i>	Educational attainments	<i>Alumni</i>
Employer name and type	<i>GSS, PGS, Alumni</i>	Library ratings	<i>GSS, PGS</i>	Time to the First Job	<i>Alumni</i>
Job Title	<i>GSS, PGS, Alumni</i>	Computer facilities	<i>GSS, PGS</i>		
Job Location	<i>GSS, PGS, Alumni</i>	Social & cultural environment	<i>PGS</i>		
Continuing education	<i>GSS, PGS, Alumni</i>	Parent's educational background	<i>PGS</i>		
		Paying for education	<i>PGS</i>		

Every survey section gives the respondent an opportunity to write lengthy comments.