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# Tennessee Technological University

## NSSE 2016 Major Field Report, Part II

### Comparisons to Other Institutions

### Interdisc. Studies

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*Comparing your students majoring in the fields shown below to those  
in the same fields at your comparison group institutions*

*The Major Field Report group 'Interdisc. Studies' includes the following majors: Environmental science/studies; Multi, Interdisciplinary studies; Natural resources and conservation; Professional studies (general).*

*Note:*

*The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.*

### About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Interdisc. Studies.

#### NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

### Related-Major Groups

Self-reported majors (first major given if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major groups. Institutions choosing not to customize their related-major groups receive NSSE's ten default groups. The majors used in this report are listed on the cover page of this report.

### Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.

### Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

### Technical Requirements

Related-major groups with fewer than 20 respondents in a given class are not reported (columns are blank). Comparison groups must also contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement, keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, the Major Field Report results are unweighted.

### Report Sections

Engagement Indicators (pp. 3-7)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequencies and Statistical Comparisons (pp. 9-44)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 45-51)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

### Engagement Indicators: Overview

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores<sup>a</sup> for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- ▲ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- No significant difference.
- ▼ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

#### First-Year Students in Interdisc. Studies

#### Seniors in Interdisc. Studies

Theme	Engagement Indicator	Your first-year students compared with Carnegie Class	Your first-year students compared with THEC Peer Group	Your first-year students compared with NSSE 2015 & 2016	Your seniors compared with Carnegie Class	Your seniors compared with THEC Peer Group	Your seniors compared with NSSE 2015 & 2016
<b>Academic Challenge</b>	<b>Higher-Order Learning</b>				--	--	--
	<b>Reflective &amp; Integrative Learning</b>				--	--	--
	<b>Learning Strategies</b>				--	--	--
	<b>Quantitative Reasoning</b>				--	--	--
<b>Learning with Peers</b>	<b>Collaborative Learning</b>				▲	▲	--
	<b>Discussions with Diverse Others</b>				--	--	--
<b>Experiences with Faculty</b>	<b>Student-Faculty Interaction</b>				--	--	--
	<b>Effective Teaching Practices</b>				--	--	--
<b>Campus Environment</b>	<b>Quality of Interactions</b>				--	--	--
	<b>Supportive Environment</b>				--	--	--

### Seniors<sup>a</sup> in Interdisc. Studies

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Tennessee Tech (N = 38)	40.7	14.2	2.30	20	30	40	55	60				
Carnegie Class	42.0	13.3	.50	20	35	40	55	60	747	-1.4		-.104
THEC Peer Group	41.5	14.4	1.78	20	35	40	55	60	101	-.8		-.056
NSSE 2015 & 2016	41.4	13.7	.21	20	35	40	55	60	4,292	-.7		-.054
<b>Reflective &amp; Integrative Learning</b>												
Tennessee Tech (N = 38)	38.7	14.6	2.36	14	26	40	51	60				
Carnegie Class	41.8	11.8	.44	20	34	40	51	60	40	-3.2		-.265
THEC Peer Group	42.2	13.2	1.64	20	37	43	51	60	101	-3.6		-.261
NSSE 2015 & 2016	41.2	12.5	.19	20	31	40	51	60	4,384	-2.6		-.206
<b>Learning Strategies</b>												
Tennessee Tech (N = 38)	41.8	16.2	2.63	13	33	43	53	60				
Carnegie Class	42.4	14.3	.53	20	33	40	60	60	756	-.6		-.043
THEC Peer Group	43.8	15.0	1.89	13	33	47	60	60	99	-2.1		-.133
NSSE 2015 & 2016	41.0	14.5	.22	20	33	40	53	60	4,324	.8		.052
<b>Quantitative Reasoning</b>												
Tennessee Tech (N = 37)	26.7	17.8	2.93	0	13	27	40	60				
Carnegie Class	27.4	16.8	.62	0	20	27	40	60	757	-.8		-.046
THEC Peer Group	29.4	18.7	2.34	0	20	27	40	60	99	-2.7		-.147
NSSE 2015 & 2016	30.4	17.3	.26	0	20	27	40	60	4,359	-3.7		-.215
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Tennessee Tech (N = 38)	34.7	15.1	2.45	10	20	35	45	60				
Carnegie Class	26.9	16.5	.61	0	15	25	40	55	756	7.8	**	.476
THEC Peer Group	23.4	14.6	1.84	5	10	20	35	50	99	11.3	***	.764
NSSE 2015 & 2016	30.0	15.4	.24	5	20	30	40	60	4,305	4.7		.308
<b>Discussions with Diverse Others</b>												
Tennessee Tech (N = 38)	40.5	16.8	2.72	15	25	40	60	60				
Carnegie Class	40.7	16.2	.61	10	30	40	60	60	747	-.2		-.013
THEC Peer Group	42.1	16.7	2.09	10	35	40	60	60	100	-1.6		-.095
NSSE 2015 & 2016	41.2	15.8	.24	15	30	40	60	60	4,322	-.7		-.043

### Seniors<sup>a</sup> in Interdisc. Studies

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
Tennessee Tech (N = 38)	23.2	16.0	2.60	5	10	20	30	60				
Carnegie Class	19.5	15.7	.59	0	5	15	30	55	751	3.7		.235
THEC Peer Group	19.1	16.1	2.00	0	5	15	25	55	101	4.1		.254
NSSE 2015 & 2016	23.6	16.0	.24	0	10	20	35	55	4,327	-.4		-.028
<b>Effective Teaching Practices</b>												
Tennessee Tech (N = 38)	44.3	16.4	2.67	12	32	48	60	60				
Carnegie Class	41.6	14.3	.53	16	32	44	52	60	764	2.7		.190
THEC Peer Group	42.2	15.8	1.97	12	32	42	56	60	100	2.2		.135
NSSE 2015 & 2016	41.5	13.8	.21	16	32	40	52	60	37	2.8		.203
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
Tennessee Tech (N = 36)	43.4	15.4	2.56	8	36	46	57	60				
Carnegie Class	44.9	12.1	.47	20	38	46	55	60	703	-1.5		-.125
THEC Peer Group	41.0	14.6	1.90	12	30	44	52	60	93	2.3		.157
NSSE 2015 & 2016	43.9	11.6	.18	22	37	46	52	60	35	-.5		-.044
<b>Supportive Environment</b>												
Tennessee Tech (N = 38)	34.9	13.8	2.23	8	25	39	45	53				
Carnegie Class	33.6	15.0	.56	8	23	33	45	60	761	1.2		.083
THEC Peer Group	32.5	14.5	1.80	8	23	35	40	60	101	2.3		.165
NSSE 2015 & 2016	33.2	14.5	.22	10	23	33	43	60	4,361	1.7		.120

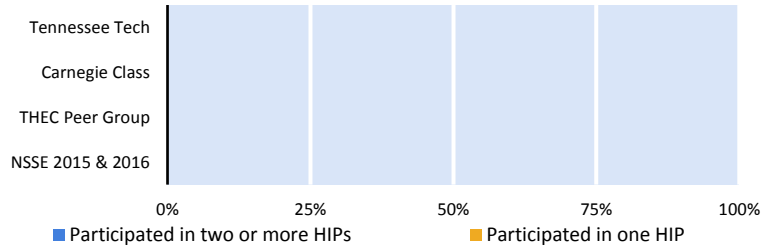
# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## High-Impact Practices: Interdisc. Studies Tennessee Technological University

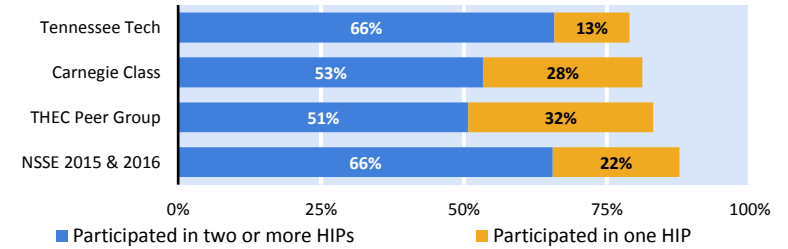
### Overall HIP Participation<sup>a</sup>

The figures below display the percentage<sup>h</sup> of students who participated in High-Impact Practices. Both figures include participation in a learning community, service-learning, and research with faculty. The Senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.

*First-Year Students in Interdisc. Studies*



*Seniors in Interdisc. Studies*



### Statistical Comparisons<sup>a</sup>

The table below compares the percentage<sup>h</sup> of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
	%		% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>
<i>First-Year Students in Interdisc. Studies</i>								
11c. Learning community								
12. Service-learning								
11e. Research with faculty								
<b>Participated in at least one</b>								
<b>Participated in two or more</b>								
<i>Seniors in Interdisc. Studies</i>								
11c. Learning community	37		21 *	.36	20	.38	24	.29
12. Service-learning	63		68	-.11	61	.05	69	-.12
11e. Research with faculty	27		15 *	.30	24	.07	28	-.02
11a. Internship or field exp.	42		46	-.07	38	.07	55	-.26
11d. Study abroad	8		6	.06	5	.13	14	-.19
11f. Culminating senior exp.	58		30 ***	.57	44	.28	47	.21
<b>Participated in at least one</b>	79		81	-.06	83	-.11	88	-.24
<b>Participated in two or more</b>	66		53	.25	51	.31	66	.01

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>1. During the current school year, about how often have you done the following?</b>																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	1	3	12	2	1	2	76	2	<b>3.3</b>	3.3	-.07	3.6 *	-.45	3.3	-.01
		2	Sometimes	7	18	125	17	3	5	793	18							
		3	Often	10	26	191	26	15	23	1,238	28							
		4	Very often	20	53	401	55	45	70	2,250	52							
			Total	38	100	729	100	64	100	4,357	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	6	16	97	13	9	14	714	16	<b>2.6</b>	2.7	-.07	2.7	-.14	2.6	.04
		2	Sometimes	14	38	237	33	16	25	1,486	34							
		3	Often	6	16	201	28	23	35	1,137	26							
		4	Very often	11	30	191	26	17	26	994	23							
			Total	37	100	726	100	65	100	4,331	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	4	11	31	4	3	5	228	5	<b>3.2</b>	3.2	-.01	3.2	.00	3.1	.16
		2	Often	2	5	56	8	4	6	458	11							
		3	Sometimes	14	37	359	50	33	52	2,347	54							
		4	Never	18	47	273	38	23	37	1,289	30							
			Total	38	100	719	100	63	100	4,322	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	15	41	385	53	31	48	1,867	43	<b>1.8</b>	1.6	.17	1.7	.07	1.8	-.04
		2	Sometimes	17	46	239	33	24	37	1,661	38							
		3	Often	3	8	70	10	7	11	532	12							
		4	Very often	2	5	30	4	3	5	273	6							
			Total	37	100	724	100	65	100	4,333	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	5	13	208	29	19	29	794	18	<b>2.5</b>	2.1 *	.37	2.0 *	.47	2.3	.18
		2	Sometimes	16	42	296	41	30	46	1,941	45							
		3	Often	11	29	150	21	10	15	1,086	25							
		4	Very often	6	16	74	10	6	9	526	12							
			Total	38	100	728	100	65	100	4,347	100							
f. Explained course material to one or more students	CLexplain	1	Never	2	5	129	18	8	13	389	9	<b>2.6</b>	2.4	.20	2.3	.40	2.6	.00
		2	Sometimes	16	42	265	36	35	56	1,645	38							
		3	Often	14	37	219	30	13	21	1,483	34							
		4	Very often	6	16	114	16	7	11	819	19							
			Total	38	100	727	100	63	100	4,336	100							





# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>											
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2015 & 2016				Your seniors compared with			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2015 & 2016	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	3	8	13	2	3	5	116	3	2.8	3.1	-.31	3.1	-.25	3.0	-.17					
		2	Sometimes	12	32	149	20	11	17	1,112	26												
		3	Often	11	29	327	45	30	46	1,837	42												
		4	Very often	12	32	239	33	21	32	1,269	29												
		Total		38	100	728	100	65	100	4,334	100												
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	1	3	9	1	2	3	87	2	3.1	3.1	.01	3.1	.01	3.1	.08					
		2	Sometimes	6	16	144	20	12	18	950	22												
		3	Often	17	46	319	44	27	42	1,872	43												
		4	Very often	13	35	256	35	24	37	1,426	33												
		Total		37	100	728	100	65	100	4,335	100												
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	3	7	1	1	2	60	1	2.9	3.1	-.25	3.0	-.19	3.0	-.22					
		2	Sometimes	13	35	179	25	16	25	1,090	25												
		3	Often	13	35	303	42	29	45	1,811	42												
		4	Very often	10	27	240	33	19	29	1,373	32												
		Total		37	100	729	100	65	100	4,334	100												
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	3	5	1	0	0	25	1	3.3	3.4	-.06	3.4	-.10	3.3	-.02					
		2	Sometimes	5	14	73	10	9	14	520	12												
		3	Often	12	32	296	41	21	32	1,748	40												
		4	Very often	19	51	349	48	35	54	2,039	47												
		Total		37	100	723	100	65	100	4,332	100												
<b>3. During the current school year, about how often have you done the following?</b>																							
a. Talked about career plans with a faculty member	SFcareer	1	Never	5	13	176	24	22	34	729	17	2.4	2.2	.17	2.1	.28	2.4	-.04					
		2	Sometimes	18	47	297	41	21	32	1,762	41												
		3	Often	10	26	161	22	14	22	1,109	26												
		4	Very often	5	13	93	13	8	12	743	17												
		Total		38	100	727	100	65	100	4,343	100												
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	19	50	436	60	41	63	1,995	46	1.9	1.6	.27	1.6	.32	1.9	-.01					
		2	Sometimes	9	24	165	23	14	22	1,221	28												
		3	Often	5	13	70	10	6	9	640	15												
		4	Very often	5	13	54	7	4	6	476	11												
		Total		38	100	725	100	65	100	4,332	100												





# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>											
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2015 & 2016				Your seniors compared with			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2015 & 2016	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
<b>6. During the current school year, about how often have you done the following?</b>																							
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	6	16	110	15	10	16	550	13	<b>2.6</b>	2.5	.09	2.5	.06	2.6	.00					
		2	Sometimes	12	32	254	35	24	38	1,477	34												
		3	Often	11	29	241	33	15	23	1,475	34												
		4	Very often	9	24	122	17	15	23	855	20												
			Total	38	100	727	100	64	100	4,357	100												
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	27	153	21	13	20	705	16	<b>2.2</b>	2.3	-.16	2.5	-.25	2.5 *	-0.33					
		2	Sometimes	15	41	275	38	24	38	1,550	36												
		3	Often	7	19	197	27	12	19	1,254	29												
		4	Very often	5	14	102	14	15	23	843	19												
			Total	37	100	727	100	64	100	4,352	100												
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	8	22	163	22	14	22	763	18	<b>2.2</b>	2.3	-.02	2.4	-.16	2.4	-.20					
		2	Sometimes	17	46	283	39	22	34	1,601	37												
		3	Often	7	19	212	29	18	28	1,301	30												
		4	Very often	5	14	69	9	11	17	678	16												
			Total	37	100	727	100	65	100	4,343	100												
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																							
a. Up to 5 pages	wrshortnum	0	None	4	11	19	3	4	6	133	3	<b>6.7</b>	9.4 *	-0.37	9.3	-0.34	8.7	-0.29					
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	12	33	95	13	10	16	615	15												
		4	3-5	8	22	183	26	15	24	1,177	28												
		8	6-10	3	8	170	24	8	13	983	23												
		13	11-15	3	8	90	13	14	22	536	13												
		18	16-20	2	6	38	5	2	3	305	7												
		23	More than 20	4	11	112	16	10	16	465	11												
			Total	36	100	707	100	63	100	4,214	100												
b. Between 6 and 10 pages	wrmednum	0	None	9	25	122	17	11	17	695	17	<b>3.3</b>	4.3	-.21	3.1	.04	3.8	-.13					
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	16	44	233	33	24	38	1,469	35												
		4	3-5	6	17	182	26	17	27	1,219	29												
		8	6-10	2	6	97	14	12	19	529	13												
		13	11-15	1	3	29	4	0	0	166	4												
		18	16-20	1	3	23	3	0	0	77	2												
		23	More than 20	1	3	17	2	0	0	52	1												
			Total	36	100	703	100	64	100	4,207	100												

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>													
				Tennessee Tech				Carnegie Class				THEC Peer Group				Tennessee Tech		Your seniors compared with							
				NSSE 2015 & 2016		NSSE 2015 & 2016		NSSE 2015 & 2016		NSSE 2015 & 2016		NSSE 2015 & 2016		NSSE 2015 & 2016		NSSE 2015 & 2016									
Variable name <sup>l</sup>		Values <sup>m</sup>		Response options		Count		%		Count		%		Count		%		Mean		Effect size <sup>n</sup>		Mean		Effect size <sup>n</sup>	
c. 11 pages or more				wrlongnum	0	None	17	49	322	47	25	42	1,768	43	<b>1.4</b>	2.0	-.14	1.4	.02	1.8	-.12				
(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)				1.5	1-2	12	34	233	34	26	43	1,611	39												
				4	3-5	4	11	66	10	7	12	453	11												
				8	6-10	2	6	27	4	2	3	152	4												
				13	11-15	0	0	14	2	0	0	58	1												
				18	16-20	0	0	10	1	0	0	34	1												
				23	More than 20	0	0	6	1	0	0	28	1												
					Total	35	100	678	100	60	100	4,104	100												
Estimated number of assigned pages of student writing.				wpages										<b>66.7</b>	88.5	-.23	73.6	-.10	81.3	-.18					
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																									
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																									
a. People of a race or ethnicity other than your own				DDrace	1	Never	3	8	37	5	2	3	203	5	<b>2.9</b>	3.1	-.22	3.2	-.24	3.1	-.19				
				2	Sometimes	12	32	154	21	16	25	1,050	24												
				3	Often	8	21	222	30	17	26	1,238	28												
				4	Very often	15	39	319	44	30	46	1,868	43												
					Total	38	100	732	100	65	100	4,359	100												
b. People from an economic background other than your own				DDeconomic	1	Never	1	3	37	5	3	5	167	4	<b>3.0</b>	3.1	-.09	3.1	-.13	3.1	-.10				
				2	Sometimes	11	29	141	19	14	22	939	22												
				3	Often	12	32	261	36	18	28	1,478	34												
				4	Very often	14	37	289	40	29	45	1,760	41												
					Total	38	100	728	100	64	100	4,344	100												
c. People with religious beliefs other than your own				DDreligion	1	Never	2	5	54	7	4	6	252	6	<b>3.0</b>	2.9	.10	3.0	.00	3.0	.03				
				2	Sometimes	10	26	198	27	14	22	1,140	26												
				3	Often	11	29	217	30	23	35	1,299	30												
				4	Very often	15	39	258	35	24	37	1,647	38												
					Total	38	100	727	100	65	100	4,338	100												
d. People with political views other than your own				DDpolitical	1	Never	1	3	44	6	4	6	213	5	<b>3.1</b>	3.0	.18	3.0	.09	3.0	.12				
				2	Sometimes	10	26	186	26	14	22	1,106	26												
				3	Often	10	26	237	33	22	34	1,366	32												
				4	Very often	17	45	251	35	25	38	1,631	38												
					Total	38	100	718	100	65	100	4,316	100												

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>											
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2015 & 2016				Your seniors compared with			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016					
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>				
<b>9. During the current school year, about how often have you done the following?</b>																							
a. Identified key information from reading assignments	LSreading	1	Never	1	3	7	1	1	2	53	1	<b>3.3</b>	3.3	-.03	3.3	-.04	3.3	-.03					
		2	Sometimes	6	16	94	13	7	11	597	14												
		3	Often	12	32	293	40	27	42	1,650	38												
		4	Very often	19	50	338	46	30	46	2,050	47												
		Total		38	100	732	100	65	100	4,350	100												
b. Reviewed your notes after class	LSnotes	1	Never	3	8	48	7	3	5	312	7	<b>3.0</b>	3.0	-.01	3.2	-.27	2.9	.10					
		2	Sometimes	10	26	169	23	9	14	1,249	29												
		3	Often	9	24	241	33	22	34	1,328	31												
		4	Very often	16	42	272	37	31	48	1,455	33												
		Total		38	100	730	100	65	100	4,344	100												
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	3	8	34	5	5	8	242	6	<b>3.0</b>	3.0	-.08	3.0	-.08	2.9	.04					
		2	Sometimes	9	24	164	23	13	21	1,187	28												
		3	Often	12	32	261	36	19	30	1,463	34												
		4	Very often	14	37	265	37	26	41	1,417	33												
		Total		38	100	724	100	63	100	4,309	100												
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																							
challenge		1	Not at all	1	3	2	0	0	0	26	1	<b>5.8</b>	5.9	-.10	5.7	.05	5.7	.06					
		2		1	3	9	1	3	5	54	1												
		3		1	3	18	2	3	5	111	3												
		4		3	8	45	6	4	6	326	7												
		5		6	16	160	22	12	19	1,212	28												
		6		10	26	218	30	19	30	1,305	30												
		7	Very much	16	42	278	38	23	36	1,316	30												
		Total		38	100	730	100	64	100	4,350	100												
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																							
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		4	11	73	10	6	9	309	7	<b>42%</b>	46%	-.07	38%	.07	55%	-.26					
		Do not plan to do		13	34	184	25	22	34	778	18												
		Plan to do		5	13	140	19	12	18	867	20												
		Done or in progress		16	42	335	46	25	38	2,400	55												
		Total		38	100	732	100	65	100	4,354	100												

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	3	8	86	12	4	6	471	11	<b>26%</b>	23%	.07	22%	.10	32%	-.12	
		Do not plan to do	21	55	422	58	42	66	2,207	51								
		Plan to do	4	11	52	7	4	6	295	7								
		Done or in progress	10	26	169	23	14	22	1,378	32								
		Total	38	100	729	100	64	100	4,351	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	1	3	120	16	11	17	594	14	<b>37%</b>	21% *	.36	20%	.38	24%	.29	
		Do not plan to do	21	55	403	55	37	57	2,363	54								
		Plan to do	2	5	54	7	4	6	359	8								
		Done or in progress	14	37	152	21	13	20	1,026	24								
		Total	38	100	729	100	65	100	4,342	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	6	16	105	14	11	17	518	12	<b>8%</b>	6%	.06	5%	.13	14%	-.19	
		Do not plan to do	26	68	537	74	49	77	2,951	68								
		Plan to do	3	8	41	6	1	2	286	7								
		Done or in progress	3	8	47	6	3	5	591	14								
		Total	38	100	730	100	64	100	4,346	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	3	8	129	18	13	21	665	15	<b>27%</b>	15% *	.30	24%	.07	28%	-.02	
		Do not plan to do	19	51	425	59	32	51	1,952	45								
		Plan to do	5	14	63	9	3	5	495	11								
		Done or in progress	10	27	108	15	15	24	1,215	28								
		Total	37	100	725	100	63	100	4,327	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	0	0	99	14	7	11	383	9	<b>58%</b>	30% ***	.57	44%	.28	47%	.21	
		Do not plan to do	4	11	209	29	10	16	894	21								
		Plan to do	12	32	201	28	19	30	1,011	23								
		Done or in progress	22	58	218	30	28	44	2,059	47								
		Total	38	100	727	100	64	100	4,347	100								

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>
1 None	14	37	231	32	25	39	1,358	31	<b>1.7</b>	-0.25
2 Some	21	55	361	50	31	48	2,369	55		
3 Most	3	8	119	16	6	9	540	12		
4 All	0	0	18	2	2	3	79	2		
Total	38	100	729	100	64	100	4,346	100		

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>		
														Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	1	3	5	1	1	2	49	1	5.8	5.7	.08	5.4	.29	5.7	.13	
		2		1	3	11	2	2	3	65	1								
		3		3	8	34	5	8	12	175	4								
		4		0	0	53	7	4	6	414	10								
		5		7	18	159	22	14	22	962	22								
		6		5	13	187	26	13	20	1,226	28								
		7	Excellent	19	50	250	34	20	31	1,382	32								
		—	Not applicable	2	5	31	4	3	5	84	2								
			Total	38	100	730	100	65	100	4,357	100								
b. Academic advisors	QIadvisor	1	Poor	2	5	16	2	4	6	164	4	5.6	5.5	.03	5.5	.03	5.4	.07	
		2		2	5	32	4	6	9	204	5								
		3		2	5	38	5	0	0	241	6								
		4		6	16	94	13	3	5	464	11								
		5		2	5	112	15	9	14	697	16								
		6		3	8	158	22	15	23	961	22								
		7	Excellent	21	55	269	37	27	42	1,570	36								
		—	Not applicable	0	0	9	1	1	2	49	1								
			Total	38	100	728	100	65	100	4,350	100								
c. Faculty	QIfaculty	1	Poor	1	3	5	1	3	5	48	1	5.6	5.7	-.07	5.3	.21	5.7	-.05	
		2		2	5	20	3	4	6	81	2								
		3		2	5	27	4	5	8	169	4								
		4		2	5	62	9	4	6	358	8								
		5		6	16	142	19	11	17	893	21								
		6		10	26	202	28	17	27	1,371	32								
		7	Excellent	15	39	260	36	19	30	1,383	32								
		—	Not applicable	0	0	11	2	1	2	33	1								
			Total	38	100	729	100	64	100	4,336	100								



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	2	5	26	4	3	5	172	4	4.7	5.1	-.23	4.7	.01	5.0	-.17
		2		2	5	22	3	4	6	198	5							
		3		2	5	38	5	5	8	277	6							
		4		8	21	73	10	5	8	510	12							
		5		5	13	97	13	12	18	677	16							
		6		3	8	90	12	3	5	737	17							
		7	Excellent	7	18	137	19	11	17	779	18							
		—	Not applicable	9	24	246	34	22	34	992	23							
	Total	38	100	729	100	65	100	4,342	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	2	5	29	4	7	11	204	5	4.8	5.2	-.24	4.5	.14	5.1	-.14
		2		3	8	36	5	7	11	243	6							
		3		3	8	59	8	4	6	344	8							
		4		9	24	81	11	6	9	567	13							
		5		3	8	124	17	14	22	830	19							
		6		7	18	155	21	12	19	964	22							
		7	Excellent	9	24	214	29	11	17	1,025	24							
		—	Not applicable	2	5	34	5	3	5	178	4							
	Total	38	100	732	100	64	100	4,355	100									
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	17	2	2	3	84	2	3.3	3.2	.24	3.2	.13	3.1	.26
		2	Some	5	13	110	15	8	12	701	16							
		3	Quite a bit	15	39	343	47	27	42	2,068	48							
		4	Very much	18	47	260	36	28	43	1,494	34							
			Total	38	100	730	100	65	100	4,347	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	8	27	4	6	9	213	5	3.1	3.1	-.01	2.8	.34	3.0	.11
		2	Some	5	13	142	20	17	26	973	23							
		3	Quite a bit	16	42	294	41	28	43	1,804	42							
		4	Very much	14	37	262	36	14	22	1,322	31							
			Total	38	100	725	100	65	100	4,312	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	5	13	54	7	4	6	345	8	2.9	3.1	-.13	2.9	.09	3.0	.00
		2	Some	7	18	120	17	16	25	955	22							
		3	Quite a bit	11	29	274	38	30	46	1,595	37							
		4	Very much	15	39	279	38	15	23	1,429	33							
			Total	38	100	727	100	65	100	4,324	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Your seniors compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	4	11	94	13	11	17	668	15	<b>2.9</b>	2.8	.16	2.5 *	.41	2.6	.30
		2	Some	8	21	190	26	19	29	1,348	31							
		3	Quite a bit	13	34	236	33	25	38	1,287	30							
		4	Very much	13	34	204	28	10	15	1,024	24							
		Total		38	100	724	100	65	100	4,327	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	4	11	82	11	4	6	366	8	<b>3.1</b>	2.8	.25	2.8	.24	2.9	.22
		2	Some	6	16	181	25	17	26	1,134	26							
		3	Quite a bit	12	32	253	35	30	46	1,598	37							
		4	Very much	16	42	207	29	14	22	1,226	28							
		Total		38	100	723	100	65	100	4,324	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	3	8	97	13	8	12	524	12	<b>2.9</b>	2.7	.19	2.8	.14	2.7	.18
		2	Some	8	21	202	28	16	25	1,181	27							
		3	Quite a bit	16	42	228	31	23	35	1,462	34							
		4	Very much	11	29	198	27	18	28	1,147	27							
		Total		38	100	725	100	65	100	4,314	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	13	35	216	30	21	32	1,494	35	<b>2.1</b>	2.2	-.06	2.1	.00	2.1	.06
		2	Some	10	27	257	35	20	31	1,492	34							
		3	Quite a bit	10	27	151	21	18	28	848	20							
		4	Very much	4	11	103	14	6	9	493	11							
		Total		37	100	727	100	65	100	4,327	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	4	11	162	23	13	20	719	17	<b>2.6</b>	2.5	.05	2.6	-.05	2.6	-.06
		2	Some	13	34	188	26	15	23	1,199	28							
		3	Quite a bit	17	45	217	30	22	34	1,411	33							
		4	Very much	4	11	152	21	15	23	981	23							
		Total		38	100	719	100	65	100	4,310	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	10	26	169	24	11	17	869	20	<b>2.3</b>	2.3	-.01	2.5	-.20	2.4	-.11
		2	Some	10	26	253	35	20	31	1,477	34							
		3	Quite a bit	14	37	186	26	24	37	1,239	29							
		4	Very much	4	11	110	15	10	15	729	17							
		Total		38	100	718	100	65	100	4,314	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies Tennessee Technological University

### Seniors<sup>a</sup> in Interdisc. Studies

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>																								
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Your seniors compared with																						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>																		
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																																				
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs  <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 11 13 5 4 2 1 2	0 29 34 13 11 5 3	0 84 172 167 162 53 42 53	0 11 23 23 22 7 6 7	0 7 11 20 16 5 3 3	0 11 17 31 25 8 5 5	14 596 1,025 956 775 428 273 279	0 14 24 22 18 10 6 6	<b>10.9</b>	▼	14.8 **	-.47	▼	14.7 *	-.49	14.5 **	-.43																
Total				38	100	733	100	65	100	4,346	100																									
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 6 7 0 1 0 0 0	0 16 18 0 3 0 0 0	457 161 47 26 4 21 7 2	63 22 6 4 3 3 1 0	45 9 3 4 6 2 3 1	69 14 5 6 2 3 2 2	2,241 1,115 436 244 6 138 75 37	52 26 10 6 3 2 1 1										<b>2.4</b>		2.9	-.08	2.9	-.09	3.9	-.23								
Total				38	100	730	100	65	100	4,329	100																									
c. Working for pay on campus	tmworkonhrs  <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs	0 2 3 1 0 0 0 4	0 5 8 3 0 0 0 11	615 12 20 26 32 10 1 15	84 2 3 4 4 1 0 2	57 0 2 0 3 0 1 2	88 0 3 0 5 0 2 3	3,093 184 333 261 242 86 33 94	71 4 8 6 6 2 1 2																		<b>4.6</b>		2.5	.29	2.5	.24	3.9	.09
Total				38	100	731	100	65	100	4,326	100																									

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2015 & 2016				Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2015 & 2016	Effect size <sup>n</sup>		Effect size <sup>n</sup>							
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>					
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	11	30	249	34	23	35	1,811	42	<b>18.9</b>	17.4	.10	18.8	.01	13.3 *	▲	.40						
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	5	21	3	2	3	210	5														
		8	6-10 hrs	1	3	23	3	0	0	222	5														
		13	11-15 hrs	2	5	32	4	0	0	254	6														
		18	16-20 hrs	1	3	44	6	3	5	324	8														
		23	21-25 hrs	1	3	39	5	3	5	252	6														
		28	26-30 hrs	2	5	37	5	6	9	200	5														
		33	More than 30 hrs	17	46	277	38	28	43	1,041	24														
	Total			37	100	722	100	65	100	4,314	100														
Estimated number of hours working for pay	tmworkhrs											<b>23.6</b>	19.8	.26	21.3	.16	17.1 **	▲	.47						
	(Continuous variable created by NSSE)																								
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	12	32	279	39	27	42	1,876	44	<b>3.8</b>	4.6	-.13	4.8	-.14	3.9	-0.1							
	(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	53	264	36	24	38	1,558	36														
		8	6-10 hrs	4	11	83	11	4	6	406	9														
		13	11-15 hrs	0	0	37	5	3	5	203	5														
		18	16-20 hrs	1	3	28	4	1	2	140	3														
		23	21-25 hrs	0	0	15	2	2	3	58	1														
		28	26-30 hrs	0	0	4	1	0	0	23	1														
		33	More than 30 hrs	1	3	14	2	3	5	47	1														
	Total			38	100	724	100	64	100	4,311	100														
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	5	28	4	3	5	149	3	<b>6.6</b>	8.6 *	-0.28	9.0	-.34	9.9 **	▼	-.43						
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	43	296	41	25	39	1,378	32														
		8	6-10 hrs	14	38	185	25	14	22	1,197	28														
		13	11-15 hrs	4	11	104	14	12	19	729	17														
		18	16-20 hrs	0	0	59	8	5	8	458	11														
		23	21-25 hrs	0	0	25	3	2	3	180	4														
		28	26-30 hrs	0	0	11	2	0	0	80	2														
		33	More than 30 hrs	1	3	18	2	3	5	156	4														
	Total			37	100	726	100	64	100	4,327	100														

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	15	41	283	39	29	45	2,319	54	<b>9.2</b>	12.7	-.25	12.4	-.24	9.1	.01	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	11	88	12	3	5	444	10								
	8	6-10 hrs	6	16	51	7	8	13	264	6									
	13	11-15 hrs	4	11	41	6	1	2	172	4									
	18	16-20 hrs	1	3	32	4	3	5	128	3									
	23	21-25 hrs	2	5	12	2	0	0	86	2									
	28	26-30 hrs	0	0	24	3	1	2	81	2									
	33	More than 30 hrs	5	14	198	27	19	30	822	19									
	Total		37	100	729	100	64	100	4,316	100									
	h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	6	16	300	41	29	45	1,123								26
(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	24	63	286	39	23	36	2,169	50								
8		6-10 hrs	6	16	86	12	8	13	659	15									
13		11-15 hrs	1	3	25	3	2	3	193	4									
18		16-20 hrs	1	3	12	2	1	2	76	2									
23		21-25 hrs	0	0	4	1	0	0	34	1									
28		26-30 hrs	0	0	2	0	0	0	21	0									
33		More than 30 hrs	0	0	12	2	1	2	63	1									
Total		38	100	727	100	64	100	4,338	100										
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																			
reading	1	Very little	9	24	48	7	4	6	340	8	<b>2.7</b>	3.2 **	-.47	3.4 **	-.59	3.1 *	-.37		
	(Revised for 2014. Comparison data are limited to NSSE 2014 participating institutions.)	2	Some	7	18	151	21	16	25	995								23	
	3	About half	10	26	226	31	9	14	1,380	32									
	4	Most	11	29	213	29	19	30	1,151	26									
	5	Almost all	1	3	92	13	16	25	482	11									
	Total		38	100	730	100	64	100	4,348	100									
tmreadinghrs	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																		
											<b>4.8</b>	8.4 ***	-.54	8.9 ***	-.64	7.9 ***	-.48		

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>		
	tmreadinghrscol	1	0 hrs	0	0	0	0	0	0	13	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	24	63	287	39	24	38	1,787	41								
		3	More than 5, up to 10 hrs	10	26	230	32	19	30	1,364	32								
		4	More than 10, up to 15 hrs	3	8	101	14	10	16	551	13								
		5	More than 15, up to 20 hrs	0	0	51	7	5	8	301	7								
		6	More than 20, up to 25 hrs	1	3	40	5	3	5	224	5								
		7	More than 25 hrs	0	0	20	3	3	5	88	2								
			Total	38	100	729	100	64	100	4,328	100								

#### 17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	1	3	20	3	1	2	189	4	<b>3.2</b>	3.2	-.09	3.3	-.18	3.1	.02
		2	Some	8	21	109	15	10	15	749	17							
		3	Quite a bit	13	34	285	39	22	34	1,684	39							
		4	Very much	16	42	317	43	32	49	1,733	40							
			Total	38	100	731	100	65	100	4,355	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	2	5	52	7	4	6	344	8	<b>3.1</b>	3.0	.10	3.0	.10	3.0	.12
		2	Some	8	21	157	22	18	28	970	22							
		3	Quite a bit	13	34	272	37	18	28	1,536	35							
		4	Very much	15	39	249	34	25	38	1,496	34							
			Total	38	100	730	100	65	100	4,346	100							
c. Thinking critically and analytically	pgthink	1	Very little	2	5	13	2	1	2	103	2	<b>3.2</b>	3.3	-.18	3.3	-.15	3.3	-.15
		2	Some	5	13	86	12	10	15	551	13							
		3	Quite a bit	15	39	286	39	22	34	1,606	37							
		4	Very much	16	42	343	47	32	49	2,075	48							
			Total	38	100	728	100	65	100	4,335	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	11	97	13	10	16	509	12	<b>2.8</b>	2.7	.10	2.8	-.01	2.8	.02
		2	Some	11	29	225	31	16	25	1,189	27							
		3	Quite a bit	12	32	210	29	15	23	1,419	33							
		4	Very much	11	29	195	27	23	36	1,222	28							
			Total	38	100	727	100	64	100	4,339	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
														Mean	Effect size <sup>n</sup>			
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	11	66	9	12	18	413	9	<b>3.1</b>	3.0	.13	2.7	.38	2.9	.18
		2	Some	6	16	141	19	13	20	988	23							
		3	Quite a bit	10	26	266	36	22	34	1,447	33							
		4	Very much	18	47	258	35	18	28	1,500	34							
		Total		38	100	731	100	65	100	4,348	100							
f. Working effectively with others	pgothers	1	Very little	2	5	36	5	3	5	233	5	<b>3.3</b>	3.1	.21	2.9	.35	3.0	.25
		2	Some	7	18	149	20	20	31	914	21							
		3	Quite a bit	8	21	267	37	20	31	1,620	37							
		4	Very much	21	55	275	38	22	34	1,561	36							
		Total		38	100	727	100	65	100	4,328	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	3	8	70	10	8	12	518	12	<b>2.9</b>	3.0	-.09	3.0	-.05	2.9	.06
		2	Some	10	26	137	19	14	22	1,014	23							
		3	Quite a bit	12	32	238	33	15	23	1,377	32							
		4	Very much	13	34	287	39	28	43	1,441	33							
		Total		38	100	732	100	65	100	4,350	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	4	11	60	8	5	8	421	10	<b>2.8</b>	3.0	-.17	3.0	-.19	2.9	-.03
		2	Some	11	29	161	22	16	25	1,127	26							
		3	Quite a bit	10	26	224	31	16	25	1,400	32							
		4	Very much	13	34	287	39	28	43	1,403	32							
		Total		38	100	732	100	65	100	4,351	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	13	62	8	7	11	382	9	<b>2.8</b>	2.9	-.10	2.8	-.01	2.9	-.07
		2	Some	8	21	182	25	19	29	1,087	25							
		3	Quite a bit	14	37	250	34	17	26	1,562	36							
		4	Very much	11	29	238	33	22	34	1,318	30							
		Total		38	100	732	100	65	100	4,349	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	7	19	61	8	5	8	438	10	<b>2.6</b>	2.9	-.23	2.9	-.21	2.8	-.19
		2	Some	10	27	199	27	21	32	1,139	26							
		3	Quite a bit	9	24	239	33	17	26	1,460	34							
		4	Very much	11	30	226	31	22	34	1,284	30							
		Total		37	100	725	100	65	100	4,321	100							

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### Seniors<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
					%		%		%		%							
<b>18. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	1	3	10	1	2	3	89	2	<b>3.3</b>	3.4	-.06	3.2	.18	3.3	.02
		2	Fair	5	13	72	10	12	19	426	10							
		3	Good	12	32	273	37	21	33	1,811	42							
		4	Excellent	20	53	375	51	28	44	2,033	47							
			Total	38	100	730	100	63	100	4,359	100							
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	3	8	20	3	3	5	179	4	<b>3.3</b>	3.4	-.10	3.3	.01	3.3	.04
		2	Probably no	4	11	73	10	8	12	517	12							
		3	Probably yes	9	24	238	33	20	31	1,560	36							
		4	Definitely yes	22	58	400	55	34	52	2,107	48							
			Total	38	100	731	100	65	100	4,363	100							



# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

Item wording or description	Variable name	Response options	First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One								35	92	666	91	60	92	3,947	90	
		More than one								3	8	69	9	5	8	429	10	
		Total								38	100	735	100	65	100	4,376	100	
First major or expected first major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJfirstcol <i>(Recoded from MAJfirst.)</i>	Arts & Humanities								0	0	0	0	0	0	0	0	
		Biological Sci., Agriculture, & Natural Resources								6	16	109	15	6	9	1,683	38	
		Physical Sci., Mathematics, & Computer Science								0	0	0	0	0	0	0	0	
		Social Sciences								0	0	0	0	0	0	0	0	
		Business								0	0	0	0	0	0	0	0	
		Communications, Media, & Public Relations								0	0	0	0	0	0	0	0	
		Education								0	0	0	0	0	0	0	0	
		Engineering								0	0	0	0	0	0	0	0	
		Health Professions								0	0	0	0	0	0	0	0	
		Social Service Professions								0	0	0	0	0	0	0	0	
		All Other								32	84	626	85	59	91	2,693	62	
		Undecided, Undeclared								0	0	0	0	0	0	0	0	
		Total								38	100	735	100	65	100	4,376	100	
Second major or expected second major, in NSSE's default related-major categories. (Does not reflect any customization made for the Major Field Report)	MAJsecondcol <i>(Recoded from MAJsecond.)</i>	Arts & Humanities								0	0	7	10	0	0	62	15	
		Biological Sci., Agriculture, & Natural Resources								0	0	5	7	0	0	85	20	
		Physical Sci., Mathematics, & Computer Science								0	0	1	1	0	0	18	4	
		Social Sciences								1	33	16	24	0	0	92	22	
		Business								1	33	11	16	0	0	23	5	
		Communications, Media, & Public Relations								0	0	1	1	0	0	7	2	
		Education								0	0	4	6	0	0	28	7	
		Engineering								0	0	0	0	0	0	7	2	
		Health Professions								1	33	5	7	2	40	23	5	
		Social Service Professions								0	0	11	16	1	20	44	10	
		All Other								0	0	4	6	1	20	25	6	
		Undecided, Undeclared								0	0	3	4	1	20	11	3	
		Total								3	100	68	100	5	100	425	100	

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies

### Tennessee Technological University

#### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year									0	0	0	0	0	0	4	0
		Sophomore									0	0	1	0	0	0	14	0
		Junior									1	3	25	3	3	5	221	5
		Senior									35	92	683	94	59	92	4,022	93
		Unclassified									2	5	19	3	2	3	79	2
		Total										38	100	728	100	64	100	4,340
22. Thinking about this current academic term, are you a full-time student?	fulltime	No									10	27	191	26	22	34	974	23
		Yes									27	73	534	74	42	66	3,346	77
		Total									37	100	725	100	64	100	4,320	100
23a. How many courses are you taking for credit this current academic term?	coursenum	0									7	18	25	3	2	3	110	3
		1									2	5	63	9	5	8	243	6
		2									7	18	102	14	13	20	535	12
		3									0	0	92	13	9	14	538	12
		4									13	34	198	27	19	29	1,182	27
		5									4	11	123	17	10	15	940	22
		6									3	8	69	9	3	5	462	11
		7 or more									2	5	57	8	4	6	336	8
Total										38	100	729	100	65	100	4,346	100	
b. Of these, how many are entirely online?	onlinenum	0									24	63	249	34	15	23	2,592	60
		1									10	26	144	20	12	18	715	17
		2									1	3	123	17	11	17	466	11
		3									0	0	67	9	13	20	206	5
		4									1	3	71	10	9	14	181	4
		5									1	3	20	3	3	5	62	1
		6									1	3	29	4	2	3	54	1
		7 or more									0	0	24	3	0	0	55	1
Total										38	100	727	100	65	100	4,331	100	
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecrsol	No courses taken online									24	63	249	34	15	23	2,592	60
		Some courses taken online									9	24	185	25	16	25	923	21
		All courses taken online									5	13	292	40	34	52	815	19
		Total									38	100	726	100	65	100	4,330	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower									0	0	1	0	0	0	15	0
		C									1	3	9	1	0	0	83	2
		C+									2	5	25	3	2	3	173	4
		B-									2	5	43	6	4	6	310	7
		B									3	8	110	15	12	18	753	17
		B+									5	13	98	13	5	8	750	17
		A-									7	18	138	19	13	20	820	19
		A									18	47	309	42	29	45	1,435	33
Total										38	100	733	100	65	100	4,339	100	
25. Did you begin college at this institution or elsewhere?	begincol	Started here									18	47	225	31	16	25	1,854	43
		Started elsewhere									20	53	508	69	49	75	2,493	57
		Total									38	100	733	100	65	100	4,347	100
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school									4	11	117	16	9	14	481	11
	attend_com	Community or junior college									21	55	458	63	41	63	2,270	52
	attend_col	4-year college or university other than this one									9	24	260	36	24	37	1,303	30
	attend_none	None									12	32	123	17	6	9	1,278	29
	attend_other	Other									1	3	54	7	2	3	199	5
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree									2	5	54	7	6	9	219	5
		Bachelor's degree (B.A., B.S., etc.)									10	26	249	34	22	34	1,459	34
		Master's degree (M.A., M.S., etc.)									20	53	333	46	30	46	1,955	45
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)									6	16	95	13	7	11	698	16
		Total										38	100	731	100	65	100	4,331

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school									4	11	79	11	6	9	311	7
		High school diploma or G.E.D.									13	34	224	31	17	26	985	23
		Attended college, but did not complete degree									3	8	91	12	10	15	509	12
		Associate's degree (A.A., A.S., etc.)									1	3	73	10	6	9	463	11
		Bachelor's degree (B.A., B.S., etc.)									7	18	163	22	13	20	1,115	26
		Master's degree (M.A., M.S., etc.)									7	18	77	11	9	14	700	16
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)									3	8	26	4	4	6	256	6
		Total										38	100	733	100	65	100	4,339
First-generation status (No parent holds a bachelor's degree)	firstgen <i>(Recoded from parented)</i>	Not first-generation									17	45	266	36	26	40	2,071	48
		First-generation									21	55	467	64	39	60	2,268	52
		Total									38	100	733	100	65	100	4,339	100
29. What is your gender identity?	genderid	Man									11	29	192	26	19	29	1,345	31
		Woman									27	71	525	72	44	68	2,914	67
		Another gender identity									0	0	1	0	0	0	18	0
		I prefer not to respond									0	0	11	2	2	3	60	1
		Total									38	100	729	100	65	100	4,337	100
30. Enter your year of birth (e.g., 1994):	agecat <i>(Recoded from the information entered in birthyear)</i>	19 or younger									0	0	2	0	0	0	12	0
		20-23									15	39	212	29	15	23	2,010	47
		24-29									7	18	137	19	15	23	761	18
		30-39									8	21	155	21	16	25	698	16
		40-55									5	13	179	25	16	25	679	16
		Over 55									3	8	37	5	3	5	135	3
Total									38	100	722	100	65	100	4,295	100		
31a. Are you an international student?	internat	No									37	100	709	98	64	98	4,224	98
		Yes									0	0	13	2	1	2	68	2
		Total									37	100	722	100	65	100	4,292	100
International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol <i>(Recoded from country.)</i>	Africa Sub-Saharan									0	0	0	0	0	0	3	5
		Asia									0	0	1	8	0	0	13	20
		Canada									0	0	4	31	0	0	6	9
		Europe									0	0	2	15	0	0	19	30
		Latin America and Caribbean									0	0	4	31	1	100	21	33
		Middle East and North Africa									0	0	1	8	0	0	1	2
		Oceania									0	0	1	8	0	0	1	2
		Unknown region/uncoded									0	0	0	0	0	0	0	0
Total									0	0	13	100	1	100	64	100		

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies

### Tennessee Technological University

#### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native									1	3	16	2	0	0	121	3
	re_asian	Asian									0	0	28	4	1	2	167	4
	re_black	Black or African American									1	3	91	12	12	18	502	12
	re_latino	Hispanic or Latino									2	5	135	18	1	2	497	11
	re_pacific	Native Hawaiian or Other Pacific Islander									0	0	6	1	0	0	38	1
	re_white	White									35	92	450	61	48	74	3,061	71
	re_other	Other									0	0	15	2	3	5	92	2
	re_pnr	I prefer not to respond									1	3	36	5	2	3	202	5
	Racial or ethnic identification	re_all	American Indian or Alaska Native									0	0	5	1	0	0	32
(Recoded from		Asian									0	0	22	3	1	2	98	2
re_amind		Black or African American									1	3	84	11	11	17	437	10
through		Hispanic or Latino									1	3	117	16	1	2	379	9
re_pnr		Native Hawaiian/Other Pac. Islander									0	0	3	0	0	0	10	0
where each		White									33	87	418	57	46	71	2,826	65
student is		Other									0	0	10	1	2	3	58	1
represented only		Multiracial									2	5	37	5	2	3	285	7
once)		I prefer not to respond									1	3	36	5	2	3	202	5
	Total									38	100	732	100	65	100	4,327	100	
33. Are you a member of a social fraternity or sorority?	greek	No									31	84	683	94	61	94	3,983	92
		Yes									6	16	47	6	4	6	337	8
		Total									37	100	730	100	65	100	4,320	100
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)									3	8	34	5	1	2	490	11
		Fraternity or sorority house									0	0	2	0	1	2	29	1
		Residence (house, apartment, etc.) within walking distance to the institution									5	13	70	10	7	11	852	20
		Residence (house, apartment, etc.) farther than walking distance to the institution									28	74	510	70	51	78	2,684	62
		None of the above									2	5	115	16	5	8	275	6
	Total									38	100	731	100	65	100	4,330	100	
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No									35	92	716	98	65	100	4,132	96
		Yes									3	8	11	2	0	0	175	4
		Total									38	100	727	100	65	100	4,307	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>								
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2015 & 2016		
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No									36	95	643	88	61	95	3,930	91	
		Yes									2	5	86	12	3	5	376	9	
		Total									38	100	729	100	64	100	4,306	100	
37a. Have you been diagnosed with any disability or impairment?	disability	No									32	84	609	83	52	81	3,535	82	
		Yes									4	11	97	13	10	16	643	15	
		I prefer not to respond									2	5	25	3	2	3	156	4	
		Total									38	100	731	100	64	100	4,334	100	
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)									0	0	12	13	1	10	81	13	
	dis_mobility	A mobility impairment									0	0	17	18	3	30	95	15	
	dis_learning	A learning disability (e.g., ADHD, dyslexia)									1	25	36	38	7	70	264	41	
	dis_mental	A mental health disorder									1	25	31	32	1	10	244	38	
	dis_other	A disability or impairment not listed above									2	50	29	30	2	20	161	25	
Disability or impairment	disability_all	A sensory impairment									0	0	4	1	0	0	33	1	
	(Recoded from disability and dis_sense through dis_other where each student is represented only once)	A mobility impairment									0	0	12	2	2	3	46	1	
		A learning disability									1	3	22	3	4	6	173	4	
		A mental health disorder									1	3	16	2	0	0	132	3	
		A disability or impairment not listed									2	5	19	3	1	2	93	2	
		More than one disability or impairment									0	0	23	3	3	5	160	4	
		No disability or impairment									32	84	609	83	52	81	3,535	82	
	Prefer not to respond									2	5	25	3	2	3	156	4		
	Total									38	100	730	100	64	100	4,328	100		
38. Which of the following best describes your sexual orientation? (Question administered per institution request)	sexorient14	Heterosexual									--	--	147	88	38	88	1,388	85	
		Gay									--	--	2	1	0	0	24	1	
		Lesbian										--	--	2	1	1	2	15	1
		Bisexual										--	--	6	4	1	2	79	5
		Another sexual orientation										--	--	1	1	0	0	31	2
		Questioning or unsure										--	--	1	1	0	0	21	1
		I prefer not to respond										--	--	9	5	3	7	77	5
		Total										--	--	168	100	43	100	1,635	100

# NSSE 2016 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

### First-Year Students<sup>a</sup>

### Seniors<sup>a</sup>

Item wording or description	Variable name	Response options	Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2015 & 2016			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
<b>Institution-reported information</b>																		
(Variables provided by your institution in your NSSE population file.)																		
Institution-reported sex	IRsex	Female																
		Male																
		Total																
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native																
		Asian																
		Black or African American																
		Hispanic or Latino																
		Native Hawaiian/Other Pac. Islander																
		White																
		Other																
		Foreign or nonresident alien																
		Two or more races/ethnicities																
		Unknown																
		Total																
Institution-reported class level	IRclass	Freshman/First-Year																
		Sophomore																
		Junior																
		Senior																
		Other																
		Total																
Institution-reported first-time first-year (FTFY) status	IRftfy	No																
		Yes																
		Total																
Institution-reported enrollment status	IRenrollment	Not full-time																
		Full-time																
		Total																

## Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean  $\pm 1.96 * SEM$ .
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the  $t$ -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance:  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  (2-tailed).
- g. Cohen's  $d$ : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i.  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$  ( $z$ -test comparing participation rates).
- j. Cohen's  $h$ : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. Means calculated from ordered response options (e.g., Very Often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a  $z$ -test.
- l. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- n. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ .
- o. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress."

### Key to symbols:

- ▲ Your students' average was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ Your students' average was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

**Reference:** Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.