
Tennessee Technological University

NSSE 2017 Major Field Report, Part II

Comparisons to Other Institutions

Interdisc. Studies

*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; Occupational safety and health; Professional studies (general); Public safety and emergency management; Technical, vocational studies.



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

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. Report Sample (if applicable) respondents are also excluded.

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 5 respondents in a given class are not reported (columns are blank). Groups containing at least 5 respondents, but fewer than 20, are reported in frequency distributions only. Comparison groups must contain at least 20 respondents in the major category, or they remain blank. Although 20 is a minimum requirement for all other statistics (Engagement Indicators, means, etc.), 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, *Major Field Report* results are unweighted.

Report Sections (Those marked with an asterisk are included if at least one related-major group includes 20 or more respondents.)

Engagement Indicators*	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*	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*	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	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^a 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.

Theme	Engagement Indicator	First-Year Students in Interdisc. Studies			Seniors in Interdisc. Studies		
		Your first-year students compared with Carnegie Class	Your first-year students compared with THEC Peer Group	Your first-year students compared with NSSE 2016 & 2017	Your seniors compared with Carnegie Class	Your seniors compared with THEC Peer Group	Your seniors compared with NSSE 2016 & 2017
Academic Challenge	Higher-Order Learning				--	--	--
	Reflective & Integrative Learning				--	--	--
	Learning Strategies				▽	▽	--
	Quantitative Reasoning				--	--	--
Learning with Peers	Collaborative Learning				--	--	--
	Discussions with Diverse Others				--	▽	--
Experiences with Faculty	Student-Faculty Interaction				--	--	--
	Effective Teaching Practices				--	--	--
Campus Environment	Quality of Interactions				▲	▲	▲
	Supportive Environment				--	--	--

Seniors^a in Interdisc. Studies

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Tennessee Tech (N = 29)	39.0	14.9	2.77	20	30	40	50	60				
Carnegie Class	42.1	12.9	.42	20	35	40	55	60	972	-3.1		-.239
THEC Peer Group	42.8	13.7	1.80	20	35	40	60	60	85	-3.9		-.275
NSSE 2016 & 2017	40.9	13.3	.16	20	35	40	50	60	7,266	-2.0		-.147
Reflective & Integrative Learning												
Tennessee Tech (N = 30)	38.4	11.8	2.16	20	31	40	46	57				
Carnegie Class	40.8	11.7	.38	20	33	40	49	60	992	-2.4		-.205
THEC Peer Group	42.5	12.6	1.65	17	37	43	51	60	86	-4.1		-.335
NSSE 2016 & 2017	40.2	12.2	.14	20	31	40	49	60	7,361	-1.9		-.152
Learning Strategies												
Tennessee Tech (N = 29)	35.4	13.0	2.41	20	27	33	40	60				
Carnegie Class	41.4	14.3	.46	20	33	40	53	60	977	-6.0	*	-.421
THEC Peer Group	45.6	14.6	1.95	20	37	47	60	60	83	-10.2	**	-.724
NSSE 2016 & 2017	39.9	14.4	.17	13	27	40	53	60	7,287	-4.5		-.313
Quantitative Reasoning												
Tennessee Tech (N = 29)	28.5	15.5	2.88	0	20	20	40	53				
Carnegie Class	27.8	16.7	.54	0	20	27	40	60	981	.7		.041
THEC Peer Group	30.1	19.2	2.53	0	20	27	47	60	85	-1.6		-.089
NSSE 2016 & 2017	30.4	16.5	.19	0	20	27	40	60	7,289	-1.9		-.113
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 30)	30.3	15.5	2.83	5	20	28	45	50				
Carnegie Class	26.3	15.9	.51	0	15	25	40	55	983	4.0		.255
THEC Peer Group	24.3	14.2	1.88	0	15	20	40	50	85	6.0		.413
NSSE 2016 & 2017	28.4	15.6	.18	0	20	30	40	55	7,294	1.9		.121
Discussions with Diverse Others												
Tennessee Tech (N = 30)	35.8	15.7	2.87	5	25	40	40	60				
Carnegie Class	40.3	16.1	.53	10	30	40	55	60	970	-4.5		-.278
THEC Peer Group	43.9	15.3	2.03	20	35	45	60	60	85	-8.1	*	-.525
NSSE 2016 & 2017	40.1	15.8	.19	15	30	40	55	60	7,265	-4.2		-.268
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 30)	23.8	17.4	3.17	0	15	20	30	60				
Carnegie Class	19.6	15.2	.49	0	10	15	30	50	981	4.3		.280
THEC Peer Group	20.0	15.7	2.06	0	10	15	25	55	86	3.8		.236

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Engagement Indicators: Interdisc. Studies Tennessee Technological University

Seniors^a in Interdisc. Studies

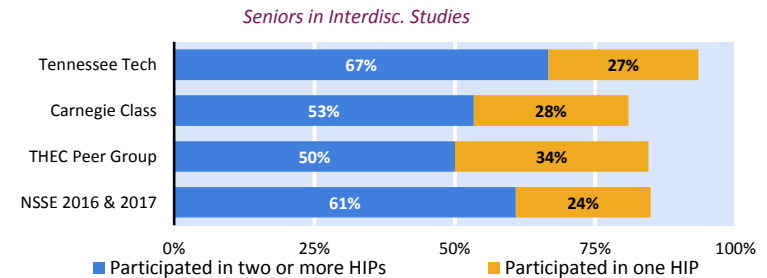
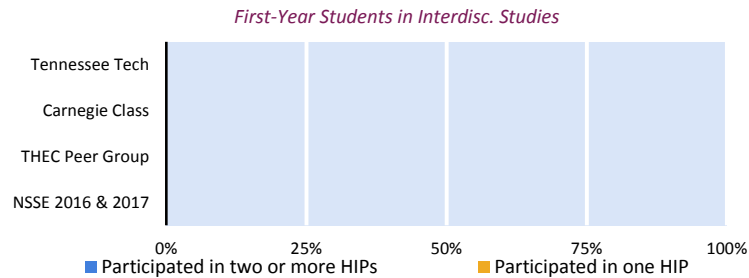
	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
NSSE 2016 & 2017	22.5	15.8	.19	0	10	20	35	55	7,269	1.3		.082
Effective Teaching Practices												
Tennessee Tech (N = 30)	41.8	13.4	2.44	20	32	40	52	60				
Carnegie Class	41.3	14.2	.46	16	32	40	52	60	991	.5		.039
THEC Peer Group	43.4	15.0	1.98	12	36	44	56	60	86	-1.6		-.109
NSSE 2016 & 2017	40.8	13.6	.16	16	32	40	52	60	7,361	1.0		.075
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 27)	49.5	8.3	1.59	34	44	53	56	58				
Carnegie Class	45.1	12.1	.41	22	38	48	55	60	30	4.4	*	.371
THEC Peer Group	43.1	13.4	1.81	14	36	44	53	60	76	6.4	**	.535
NSSE 2016 & 2017	43.7	12.1	.15	20	36	46	53	60	26	5.8	**	.485
Supportive Environment												
Tennessee Tech (N = 30)	31.3	15.2	2.78	5	20	31	40	58				
Carnegie Class	33.4	15.2	.49	8	23	33	45	60	982	-2.0		-.134
THEC Peer Group	35.2	15.0	1.98	15	25	35	43	60	85	-3.9		-.259
NSSE 2016 & 2017	32.0	14.4	.17	8	20	33	40	60	7,316	-.6		-.045

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High-Impact Practices: Interdisc. Studies Tennessee Technological University

Overall HIP Participation^{a,h}

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in service-learning, a learning community, 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 who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.



Statistical Comparisons

The table below displays the percentage of your students who participated in a given High-Impact Practice, including the percentage who participated overall (at least one, two or more). It also graphs the difference, in percentage points, between your students and those of your comparison groups. Blue bars indicate how much higher your institution's percentage is compared to the comparison group. Dark red bars indicate how much lower your institution's percentage is compared to the comparison group.

	Your students' participation compared with:							
	Tennessee Tech	Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		
	%	Difference ¹	ES ¹	Difference ¹	ES ¹	Difference ¹	ES ¹	
<i>First-Year Students in Interdisc. Studies</i>								
12. Service-Learning								
11c. Learning Community								
11e. Research with Faculty								
Participated in at least one								
Participated in two or more								
<i>Seniors in Interdisc. Studies</i>								
12. Service-Learning	67	+3	.06	+2	.04	+1	.03	
11c. Learning Community	27	+9	.21	+9	.23	+5	.12	
11e. Research with Faculty	17	+1	.04	+1	.04	-7	-.18	
11a. Internship or Field Exp.	41	-7	-.14	+5	.09	-9	-.17	
11d. Study Abroad	10	+4	.16	+7	.27	-3	-.10	
11f. Culminating Senior Exp.	67	+32	*** .66	+25	* .51	+22	* .44	
Participated in at least one	93	+12	.38	+9	.29	+8	.28	
Participated in two or more	67	+13	.27	+17	.34	+6	.12	

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017							
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
students		4	Very often	1	13	33	13			508	17														
			Total	8	100	260	100			3,034	100														
h. Worked with other students on course projects or assignments	CLproject	1	Never	0	0	49	19			333	11														
		2	Sometimes	5	63	107	41			1,161	38														
		3	Often	3	38	79	30			1,086	36														
		4	Very often	0	0	25	10			451	15														
			Total	8	100	260	100			3,031	100														
i. Given a course presentation	present	1	Never	1	13	57	22			570	19														
		2	Sometimes	5	63	120	46			1,413	47														
		3	Often	0	0	60	23			794	26														
		4	Very often	2	25	23	9			255	8														
			Total	8	100	260	100			3,032	100														
2. During the current school year, about how often have you done the following?																									
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	0	0	14	5			197	7														
		2	Sometimes	5	63	117	45			1,149	38														
		3	Often	2	25	95	37			1,223	40														
		4	Very often	1	13	33	13			455	15														
			Total	8	100	259	100			3,024	100														
b. Connected your learning to societal problems or issues	RI societal	1	Never	0	0	13	5			192	6														
		2	Sometimes	5	63	91	35			1,008	33														
		3	Often	2	25	99	38			1,237	41														
		4	Very often	1	13	55	21			590	19														
			Total	8	100	258	100			3,027	100														
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RI diverse	1	Never	0	0	22	8			236	8														
		2	Sometimes	6	75	84	32			1,151	38														
		3	Often	2	25	100	39			1,119	37														
		4	Very often	0	0	53	20			520	17														
			Total	8	100	259	100			3,026	100														
d. Examined the strengths and weaknesses of your own views on a topic or issue	RI ownview	1	Never	0	0	11	4			123	4														
		2	Sometimes	6	75	82	32			953	31														
		3	Often	2	25	111	43			1,368	45														
		4	Very often	0	0	54	21			589	19														
			Total	8	100	258	100			3,033	100														
e. Tried to better	RI perspect	1	Never	1	13	12	5			82	3														

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions						Statistical Comparisons ^k								
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
understand someone else's views by imagining how an issue looks from their perspective		2	Sometimes	5	63	62	24			769	25							
		3	Often	1	13	122	47			1,413	47							
		4	Very often	1	13	63	24			762	25							
			Total	8	100	259	100			3,026	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	1	0			59	2							
		2	Sometimes	4	50	90	35			874	29							
		3	Often	2	25	107	41			1,366	45							
		4	Very often	2	25	60	23			722	24							
			Total	8	100	258	100			3,021	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	1	0			25	1							
		2	Sometimes	4	50	54	21			502	17							
		3	Often	3	38	125	48			1,564	52							
		4	Very often	1	13	79	31			927	31							
			Total	8	100	259	100			3,018	100							

3. During the current school year, about how often have you done the following?

a. Talked about career plans with a faculty member	SFcareer	1	Never	2	25	58	22			626	21							
		2	Sometimes	3	38	112	43			1,354	45							
		3	Often	1	13	59	23			705	23							
		4	Very often	2	25	30	12			347	11							
			Total	8	100	259	100			3,032	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	3	38	150	58			1,488	49							
		2	Sometimes	2	25	63	24			965	32							
		3	Often	1	13	30	12			409	13							
		4	Very often	2	25	15	6			170	6							
			Total	8	100	258	100			3,032	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	4	50	109	42			985	33							
		2	Sometimes	3	38	91	35			1,329	44							
		3	Often	0	0	46	18			537	18							
		4	Very often	1	13	13	5			173	6							
			Total	8	100	259	100			3,024	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	2	25	73	28			760	25							
		2	Sometimes	3	38	119	46			1,461	48							
		3	Often	2	25	46	18			612	20							
		4	Very often	1	13	21	8			196	6							

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k												
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017								
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017								
Item wording or description	Variable name ^l	Values ^m	Response options Total	Count		%		Count		%		Count		%		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
				Count	%	Count	%	Count	%	Count	%													
4. During the current school year, how much has your coursework emphasized the following?				8	100	259	100					3,029	100											
a. Memorizing course material	memorize	1	Very little	0	0	14	5					116	4											
		2	Some	3	38	65	25					794	26											
		3	Quite a bit	1	13	103	40					1,416	47											
		4	Very much	4	50	77	30					698	23											
		Total		8	100	259	100					3,024	100											
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	12	5					88	3											
		2	Some	7	88	53	20					758	25											
		3	Quite a bit	1	13	126	49					1,496	50											
		4	Very much	0	0	68	26					680	23											
		Total		8	100	259	100					3,022	100											
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	9	4					106	4											
		2	Some	4	50	61	24					742	25											
		3	Quite a bit	3	38	117	46					1,442	48											
		4	Very much	1	13	70	27					729	24											
		Total		8	100	257	100					3,019	100											
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	13	6	2					96	3											
		2	Some	4	50	72	28					793	26											
		3	Quite a bit	3	38	104	40					1,427	47											
		4	Very much	0	0	75	29					705	23											
		Total		8	100	257	100					3,021	100											
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	0	0	8	3					121	4											
		2	Some	4	50	64	25					781	26											
		3	Quite a bit	1	13	117	45					1,468	49											
		4	Very much	3	38	69	27					647	21											
		Total		8	100	258	100					3,017	100											
5. During the current school year, to what extent have your instructors done the following?																								
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	4	2					53	2											
		2	Some	4	50	48	19					534	18											
		3	Quite a bit	3	38	109	42					1,491	49											
		4	Very much	1	13	96	37					948	31											
		Total		8	100	257	100					3,026	100											
b. Taught course sessions	ETorganize	1	Very little	0	0	6	2					89	3											

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech				Carnegie Class				THEC Peer Group		NSSE 2016 & 2017		Your first-year students compared with				
Item wording or description in an organized way	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
		2	Some	3	38	58	22			594	20									
		3	Quite a bit	4	50	100	39			1,466	48									
		4	Very much	1	13	95	37			876	29									
		Total		8	100	259	100			3,025	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	11	4			101	3									
		2	Some	3	38	55	21			605	20									
		3	Quite a bit	3	38	100	39			1,333	44									
		4	Very much	2	25	93	36			984	33									
		Total		8	100	259	100			3,023	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	25	23	9			223	7									
		2	Some	3	38	71	28			901	30									
		3	Quite a bit	2	25	89	34			1,157	38									
		4	Very much	1	13	75	29			742	25									
		Total		8	100	258	100			3,023	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	1	13	32	12			248	8									
		2	Some	3	38	71	27			1,008	33									
		3	Quite a bit	3	38	79	31			1,145	38									
		4	Very much	1	13	77	30			618	20									
		Total		8	100	259	100			3,019	100									
6. During the current school year, about how often have you done the following?																				
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	2	25	37	14			322	11									
		2	Sometimes	4	50	107	41			1,140	38									
		3	Often	1	13	81	31			1,166	39									
		4	Very often	1	13	33	13			395	13									
		Total		8	100	258	100			3,023	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	4	50	48	19			490	16									
		2	Sometimes	2	25	102	40			1,235	41									
		3	Often	1	13	78	30			917	30									
		4	Very often	1	13	29	11			380	13									
		Total		8	100	257	100			3,022	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	4	50	57	22			487	16									
		2	Sometimes	3	38	117	45			1,341	44									
		3	Often	1	13	65	25			920	30									
		4	Very often	0	0	20	8			273	9									

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions						Statistical Comparisons ^k									
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options Total	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
				8	100	259	100			3,021	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	1	13	12	5			135	4								
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	2	25	49	20			558	19								
		4	3-5	1	13	78	31			910	30								
		8	6-10	2	25	57	23			731	24								
		13	11-15	1	13	24	10			343	11								
		18	16-20	1	13	15	6			160	5								
		23	More than 20	0	0	16	6			165	5								
			Total	8	100	251	100			3,002	100								
b. Between 6 and 10 pages	wrmednum	0	None	5	63	86	35			951	32								
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	1	13	95	39			1,228	41								
		4	3-5	1	13	44	18			525	18								
		8	6-10	1	13	12	5			196	7								
		13	11-15	0	0	4	2			47	2								
		18	16-20	0	0	1	0			18	1								
		23	More than 20	0	0	3	1			11	0								
			Total	8	100	245	100			2,976	100								
c. 11 pages or more	wrlongnum	0	None	7	88	182	74			2,238	76								
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	1	13	43	17			546	18								
		4	3-5	0	0	8	3			82	3								
		8	6-10	0	0	5	2			51	2								
		13	11-15	0	0	4	2			27	1								
		18	16-20	0	0	2	1			9	0								
		23	More than 20	0	0	3	1			11	0								
			Total	8	100	247	100			2,964	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																

8. During the current school year, about how often have you had discussions with people from the following groups?

a. People of a race or ethnicity other than your own	DDrace	1	Never	1	13	21	8			168	6								
		2	Sometimes	3	38	75	29			851	28								
		3	Often	2	25	70	27			933	31								
		4	Very often	2	25	92	36			1,073	35								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017							
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
9. During the current school year, about how often have you done the following?				8		258		79		3,025															
b. People from an economic background other than your own	DDeconomic	1	Never	0	0	14	5			133	4														
		2	Sometimes	4	50	72	28			763	25														
		3	Often	3	38	79	31			1,090	36														
		4	Very often	1	13	90	35			1,029	34														
		Total		8	100	255	100			3,015	100														
c. People with religious beliefs other than your own	DDreligion	1	Never	0	0	23	9			196	6														
		2	Sometimes	4	50	78	30			829	27														
		3	Often	2	25	80	31			1,014	34														
		4	Very often	2	25	75	29			984	33														
		Total		8	100	256	100			3,023	100														
d. People with political views other than your own	DDpolitical	1	Never	0	0	21	8			167	6														
		2	Sometimes	5	63	85	33			914	30														
		3	Often	1	13	82	32			966	32														
		4	Very often	2	25	69	27			974	32														
		Total		8	100	257	100			3,021	100														
10. During the current school year, to what extent have your courses challenged you to do your best work?				0		3		18																	
	challenge	1	Not at all	0	0	3	1			18	1														

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
				%	%	%	%	%	%											
		2		0	0	1	0			25	1									
		3		0	0	8	3			122	4									
		4		1	13	26	10			321	11									
		5		1	13	69	27			1,035	34									
		6		4	50	78	30			857	28									
		7	Very much	2	25	73	28			647	21									
			Total	8	100	258	100			3,025	100									
11. Which of the following have you done or do you plan to do before you graduate?^o																				
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided Do not plan to do Plan to do Done or in progress Total	2 0 6 0 8	25 0 75 0 100	25 14 200 18 257	10 5 78 7 100			297 119 2,348 263 3,027	10 4 78 9 100									
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 Do not plan to do Plan to do Done or in progress Total	2 3 1 2 8	25 38 13 25 100	80 71 68 39 258	31 28 26 15 100			839 734 1,070 382 3,025	28 24 35 13 100									
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 Do not plan to do Plan to do Done or in progress Total	2 2 3 1 8	25 25 38 13 100	88 74 67 28 257	34 29 26 11 100			970 870 733 449 3,022	32 29 24 15 100									
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided Do not plan to do Plan to do Done or in progress Total	5 3 0 0 8	63 38 0 0 100	89 76 85 6 256	35 30 33 2 100			779 753 1,391 95 3,018	26 25 46 3 100									
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 Do not plan to do Plan to do Done or in progress Total	4 1 3 0 8	50 13 38 0 100	104 51 94 8 257	40 20 37 3 100			1,062 523 1,249 185 3,019	35 17 41 6 100									

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions						Statistical Comparisons ^k								
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	3	38	90	35			895	30							
			Do not plan to do	1	13	32	12			263	9							
			Plan to do	4	50	131	51			1,804	60							
			Done or in progress	0	0	4	2			56	2							
			Total	8	100	257	100			3,018	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse	1	None	2	25	112	44			1,430	47							
		2	Some	5	63	112	44			1,314	44							
		3	Most	1	13	29	11			226	7							
		4	All	0	0	4	2			48	2							
			Total	8	100	257	100			3,018	100							
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent	1	Poor	0	0	6	2			49	2							
		2		0	0	3	1			60	2							
		3		0	0	19	7			142	5							
		4		0	0	37	14			376	12							
		5		0	0	61	24			832	27							
		6		5	63	60	23			841	28							
		7	Excellent	3	38	63	24			689	23							
		—	Not applicable	0	0	10	4			41	1							
			Total	8	100	259	100			3,030	100							
b. Academic advisors	QIadvisor	1	Poor	0	0	11	4			90	3							
		2		0	0	17	7			141	5							
		3		1	13	14	5			225	7							
		4		0	0	26	10			374	12							
		5		3	38	43	17			579	19							
		6		2	25	59	23			663	22							
		7	Excellent	2	25	84	33			907	30							
		—	Not applicable	0	0	4	2			49	2							
			Total	8	100	258	100			3,028	100							
c. Faculty	QIfaculty	1	Poor	0	0	9	4			49	2							
		2		1	13	9	4			70	2							
		3		0	0	16	6			154	5							
		4		0	0	29	11			376	12							
		5		2	25	56	22			766	25							

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
				%	%	%	%	%	%											
		6		1	13	72	28			869	29									
		7	Excellent	4	50	63	25			714	24									
		—	Not applicable	0	0	3	1			23	1									
			Total	8	100	257	100			3,021	100									
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	18	7			112	4									
		2		1	13	8	3			124	4									
		3		0	0	18	7			190	6									
		4		0	0	37	14			396	13									
		5		1	13	38	15			665	22									
		6		2	25	44	17			620	21									
		7	Excellent	3	38	52	20			599	20									
		—	Not applicable	1	13	43	17			317	10									
			Total	8	100	258	100			3,023	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	15	6			113	4									
		2		1	13	8	3			126	4									
		3		0	0	25	10			233	8									
		4		1	13	34	13			440	15									
		5		0	0	47	18			645	21									
		6		2	25	52	20			667	22									
		7	Excellent	4	50	65	25			598	20									
		—	Not applicable	0	0	13	5			208	7									
			Total	8	100	259	100			3,030	100									
14. How much does your institution emphasize the following?																				
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	4	2			46	2									
		2	Some	4	50	44	17			554	18									
		3	Quite a bit	4	50	118	46			1,506	50									
		4	Very much	0	0	93	36			921	30									
			Total	8	100	259	100			3,027	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	14	5			96	3									
		2	Some	1	13	37	14			593	20									
		3	Quite a bit	5	63	109	42			1,338	44									
		4	Very much	2	25	99	38			993	33									
			Total	8	100	259	100			3,020	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	0	0	14	5			163	5									
		2	Some	1	13	46	18			550	18									
		3	Quite a bit	6	75	82	32			1,163	39									

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

Item wording or description (short, etc.)	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech				Carnegie Class				THEC Peer Group				Your first-year students compared with				
				NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	4	Very much	1	13	117	45	1,144	38											
		Total		8	100	259	100	3,020	100											
		1	Very little	0	0	32	12	309	10											
		2	Some	3	38	58	22	898	30											
		3	Quite a bit	2	25	84	33	1,091	36											
e. Providing opportunities to be involved socially	SEsocial	4	Very much	3	38	84	33	722	24											
		Total		8	100	258	100	3,020	100											
		1	Very little	0	0	23	9	174	6											
		2	Some	0	0	68	26	708	23											
		3	Quite a bit	3	38	81	32	1,243	41											
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	4	Very much	5	63	85	33	889	29											
		Total		8	100	257	100	3,014	100											
		1	Very little	0	0	27	10	215	7											
		2	Some	0	0	61	24	732	24											
		3	Quite a bit	4	50	80	31	1,204	40											
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	4	Very much	4	50	90	35	875	29											
		Total		8	100	258	100	3,026	100											
		1	Very little	0	0	65	25	658	22											
		2	Some	2	25	75	29	1,183	39											
		3	Quite a bit	4	50	68	26	805	27											
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	4	Very much	2	25	50	19	373	12											
		Total		8	100	258	100	3,019	100											
		1	Very little	0	0	42	16	353	12											
		2	Some	0	0	60	23	774	26											
		3	Quite a bit	2	25	89	34	1,202	40											
i. Attending events that address important social, economic, or political issues	SEevents	4	Very much	6	75	67	26	690	23											
		Total		8	100	258	100	3,019	100											
		1	Very little	0	0	52	20	458	15											
		2	Some	2	25	78	30	987	33											
		3	Quite a bit	3	38	74	29	1,022	34											
15. About how many hours do you spend in a typical 7-day week doing the following?	a. Preparing for class (studying, reading, etc.)	ttmprephrs (Recoded version)	1	0 hrs	0	0	1	0	9	0										
			3	1-5 hrs	2	25	32	12	345	11										
			Total		8	100	258	100	3,023	100										

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech				Carnegie Class				THEC Peer Group		NSSE 2016 & 2017		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
homework or lab work, analyzing data, rehearsing, and other academic activities)	of tmprep created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	4	50	58	23			665	22									
		13	11-15 hrs	0	0	62	24			713	24									
		18	16-20 hrs	1	13	42	16			624	21									
		23	21-25 hrs	1	13	31	12			357	12									
		28	26-30 hrs	0	0	20	8			174	6									
		33	More than 30 hrs	0	0	11	4			138	5									
			Total			8	100	257	100			3,025	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	2	25	118	46			932	31									
		3	1-5 hrs	2	25	66	26			1,017	34									
		8	6-10 hrs	1	13	46	18			521	17									
		13	11-15 hrs	1	13	14	5			275	9									
		18	16-20 hrs	0	0	8	3			133	4									
		23	21-25 hrs	1	13	1	0			67	2									
		28	26-30 hrs	0	0	0	0			34	1									
	Total			8	100	255	100			3,008	100									
c. Working for pay on campus	tmworkonhrs (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	7	88	208	81			2,314	77									
		3	1-5 hrs	0	0	8	3			159	5									
		8	6-10 hrs	1	13	11	4			252	8									
		13	11-15 hrs	0	0	15	6			149	5									
		18	16-20 hrs	0	0	8	3			87	3									
		23	21-25 hrs	0	0	4	2			32	1									
		28	26-30 hrs	0	0	1	0			13	0									
	Total			8	100	256	100			3,022	100									
d. Working for pay off campus	tmworkoffhrs (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	5	63	160	62			2,114	70									
		3	1-5 hrs	0	0	6	2			116	4									
		8	6-10 hrs	0	0	11	4			137	5									
		13	11-15 hrs	0	0	14	5			118	4									
		18	16-20 hrs	0	0	17	7			151	5									
		23	21-25 hrs	1	13	8	3			98	3									
		28	26-30 hrs	0	0	10	4			58	2									
	Total			8	100	258	100			3,025	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created																			

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

Item wording or description	Variable name ^l <i>(by NSSE)</i>	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k <i>Your first-year students compared with</i>							
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
e. Doing community service or volunteer work	tmservicehrs <i>(Recorded version of tmservice 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	4 3 0 1 0 0 0 0	50 38 0 13 0 0 0 0	136 83 29 7 1 0 0 1	53 32 11 3 0 0 0 0	1,666 1,004 189 67 43 20 8 14	55 33 6 2 1 1 0 0										
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs <i>(Recorded version of tmrelax 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 3 0 3 1 0 0 1	0 38 0 38 13 0 0 13	6 82 71 35 29 11 8 15	2 32 28 14 11 4 3 6	63 725 822 574 426 179 85 152	2 24 27 19 14 6 3 5										
g. Providing care for dependents (children, parents, etc.)	tmcarehrs <i>(Recorded version of tmcare 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	5 0 2 0 0 0 0 1	63 0 25 0 0 0 0 13	162 31 11 6 6 3 4 32	64 12 4 2 2 1 2 13	2,311 254 101 62 48 32 16 196	77 8 3 2 2 1 1 6										
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0 3 8 13 18 23 28	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs	1 5 0 1 0 0 0	13 63 0 13 0 0 0	131 75 30 12 4 1 0	51 29 12 5 2 0 0	1,620 951 264 90 45 21 8	54 31 9 3 1 1 0										

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
		33	More than 30 hrs	1	13	5	2			24	1						
			Total	8	100	258	100			3,023	100						
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																	
	reading	1	Very little	0	0	27	11			299	10						
		2	Some	5	63	70	27			904	30						
		3	About half	1	13	69	27			956	32						
		4	Most	2	25	67	26			659	22						
		5	Almost all	0	0	24	9			205	7						
			Total	8	100	257	100			3,023	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)														
	tmreadinghrscol	1	0 hrs	0	0	1	0			9	0						
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	6	75	107	42			1,387	46						
		3	More than 5, up to 10 hrs	1	13	82	32			929	31						
		4	More than 10, up to 15 hrs	0	0	29	11			367	12						
		5	More than 15, up to 20 hrs	1	13	16	6			170	6						
		6	More than 20, up to 25 hrs	0	0	18	7			114	4						
		7	More than 25 hrs	0	0	2	1			35	1						
			Total	8	100	255	100			3,011	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	0	0	10	4		191	6						
			2	Some	5	63	56	22		848	28						
			3	Quite a bit	3	38	112	44		1,323	44						
			4	Very much	0	0	78	30		658	22						
			Total		8	100	256	100		3,020	100						
b.	Speaking clearly and effectively	pgspeak	1	Very little	0	0	27	11		345	11						
			2	Some	3	38	79	31		1,005	33						

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
		3	Quite a bit	5	63	90	35			1,145	38						
		4	Very much	0	0	61	24			529	17						
		Total		8	100	257	100			3,024	100						
c. Thinking critically and analytically	pgthink	1	Very little	0	0	10	4			94	3						
		2	Some	3	38	43	17			583	19						
		3	Quite a bit	2	25	101	39			1,395	46						
		4	Very much	3	38	102	40			956	32						
		Total		8	100	256	100			3,028	100						
d. Analyzing numerical and statistical information	pganalyze	1	Very little	2	25	37	14			398	13						
		2	Some	3	38	84	33			987	33						
		3	Quite a bit	2	25	86	34			1,113	37						
		4	Very much	1	13	49	19			523	17						
		Total		8	100	256	100			3,021	100						
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	0	0	40	16			417	14						
		2	Some	4	50	75	29			987	33						
		3	Quite a bit	2	25	81	31			1,045	35						
		4	Very much	2	25	62	24			576	19						
		Total		8	100	258	100			3,025	100						
f. Working effectively with others	pgothers	1	Very little	0	0	18	7			224	7						
		2	Some	3	38	72	28			896	30						
		3	Quite a bit	4	50	97	38			1,257	42						
		4	Very much	1	13	70	27			646	21						
		Total		8	100	257	100			3,023	100						
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	1	13	29	11			322	11						
		2	Some	4	50	68	26			918	30						
		3	Quite a bit	1	13	89	35			1,125	37						
		4	Very much	2	25	71	28			659	22						
		Total		8	100	257	100			3,024	100						
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	0	0	23	9			278	9						
		2	Some	4	50	74	29			907	30						
		3	Quite a bit	2	25	78	30			1,116	37						
		4	Very much	2	25	82	32			722	24						
		Total		8	100	257	100			3,023	100						
i. Solving complex real-world problems	pgprobsolve	1	Very little	1	13	37	14			347	11						
		2	Some	4	50	83	32			1,009	33						

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech				Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				%	%	%	%	%	%																
		3	Quite a bit	2	25	72	28			1,118	37														
		4	Very much	1	13	66	26			549	18														
			Total	8	100	258	100			3,023	100														
j. Being an informed and active citizen	pgcitizen	1	Very little	0	0	29	11			297	10														
		2	Some	3	43	87	34			942	31														
		3	Quite a bit	3	43	68	26			1,102	37														
		4	Very much	1	14	73	28			678	22														
			Total	7	100	257	100			3,019	100														
18. How would you evaluate your entire educational experience at this institution?																									
	evalexp	1	Poor	0	0	9	3			55	2														
		2	Fair	0	0	32	12			328	11														
		3	Good	4	50	108	42			1,440	48														
		4	Excellent	4	50	109	42			1,208	40														
			Total	8	100	258	100			3,031	100														
19. If you could start over again, would you go to the same institution you are now attending?																									
	sameinst	1	Definitely no	0	0	16	6			98	3														
		2	Probably no	0	0	35	14			341	11														
		3	Probably yes	3	38	86	33			1,207	40														
		4	Definitely yes	5	63	122	47			1,386	46														
			Total	8	100	259	100			3,032	100														

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017							
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ				
1. During the current school year, about how often have you done the following?																									
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	17	2	1	2	109	1	3.2	3.3	-.11	3.6 *	-.51	3.3	-.06							
		2	Sometimes	5	17	166	17	4	7	1,359	19														
		3	Often	13	43	270	28	12	21	2,201	30														
		4	Very often	12	40	509	53	40	70	3,659	50														
		Total		30	100	962	100	57	100	7,328	100														
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	6	20	154	16	9	16	1,252	17	2.6	2.6	.01	2.7	-.07	2.5	.06							
		2	Sometimes	8	27	318	33	15	26	2,456	34														
		3	Often	8	27	263	27	20	34	2,009	28														
		4	Very often	8	27	227	24	14	24	1,586	22														
		Total		30	100	962	100	58	100	7,303	100														
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	0	0	37	4	3	5	329	5	3.3	3.2	.08	3.2	.07	3.1	.23							
		2	Often	4	13	81	8	3	5	840	11														
		3	Sometimes	13	43	452	47	28	49	3,772	52														
		4	Never	13	43	385	40	23	40	2,364	32														
		Total		30	100	955	100	57	100	7,305	100														
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	18	60	523	54	26	45	3,415	47	1.6	1.6	-.02	1.8	-.20	1.8	-.18							
		2	Sometimes	8	27	316	33	22	38	2,685	37														
		3	Often	2	7	91	9	7	12	809	11														
		4	Very often	2	7	31	3	3	5	410	6														
		Total		30	100	961	100	58	100	7,319	100														
e. Asked another student to help you understand course material	CLaskhelp	1	Never	7	23	269	28	18	31	1,566	21	2.3	2.1	.20	2.0	.24	2.2	.03							
		2	Sometimes	13	43	427	44	25	43	3,214	44														
		3	Often	5	17	184	19	10	17	1,769	24														
		4	Very often	5	17	83	9	5	9	782	11														
		Total		30	100	963	100	58	100	7,331	100														
f. Explained course material to one or more students	CLexplain	1	Never	4	13	159	17	7	12	833	11	2.5	2.4	.08	2.3	.19	2.5	-.05							
		2	Sometimes	12	40	389	40	31	54	2,883	39														
		3	Often	9	30	257	27	12	21	2,380	33														
		4	Very often	5	17	157	16	7	12	1,225	17														
		Total		30	100	962	100	57	100	7,321	100														
g. Prepared for exams by discussing or working through course material with other	CLstudy	1	Never	5	17	330	34	21	36	1,975	27	2.3	2.1	.22	2.1	.26	2.2	.05							
		2	Sometimes	15	50	323	34	17	29	2,560	35														
		3	Often	6	20	207	22	16	28	1,795	24														

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k									
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ			
students		4	Very often	4	13	102	11	4	7	1,006	14										
			Total	30	100	962	100	58	100	7,336	100										
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	3	156	16	12	21	930	13	3.0	▲	2.6 *	.35	▲	2.4 **	.64	▲	2.6 *	.36
		2	Sometimes	8	27	274	28	19	33	2,331	32										
		3	Often	11	37	293	30	19	33	2,433	33										
		4	Very often	10	33	243	25	8	14	1,627	22										
			Total	30	100	966	100	58	100	7,321	100										
i. Given a course presentation	present	1	Never	2	7	215	22	11	19	1,171	16	3.0	▲	2.5 **	.45	▲	2.4 *	.55	▲	2.6 *	.36
		2	Sometimes	5	17	278	29	19	33	2,200	30										
		3	Often	15	50	257	27	19	33	2,316	32										
		4	Very often	8	27	215	22	9	16	1,645	22										
			Total	30	100	965	100	58	100	7,332	100										
2. During the current school year, about how often have you done the following?																					
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	0	0	39	4	2	3	257	4	3.0		2.9	.04	3.0	-.02	3.0	-.02		
		2	Sometimes	8	27	271	28	16	28	1,870	26										
		3	Often	15	50	369	38	21	36	2,947	40										
		4	Very often	7	23	284	29	19	33	2,251	31										
			Total	30	100	963	100	58	100	7,325	100										
b. Connected your learning to societal problems or issues	RI societal	1	Never	3	10	44	5	2	3	317	4	2.8		3.0	-.23	3.1	-.31	3.0	-.19		
		2	Sometimes	9	30	199	21	9	16	1,760	24										
		3	Often	8	27	400	42	28	48	2,859	39										
		4	Very often	10	33	318	33	19	33	2,389	33										
			Total	30	100	961	100	58	100	7,325	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RI diverse	1	Never	2	7	66	7	3	5	551	8	2.8		2.9	-.05	2.9	-.13	2.8	.03		
		2	Sometimes	9	30	262	27	15	26	2,281	31										
		3	Often	11	37	357	37	22	38	2,540	35										
		4	Very often	8	27	275	29	18	31	1,949	27										
			Total	30	100	960	100	58	100	7,321	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	RI ownview	1	Never	1	3	19	2	2	3	196	3	2.9		3.0	-.14	3.1	-.19	2.9	-.06		
		2	Sometimes	7	23	224	23	11	19	1,945	27										
		3	Often	16	53	448	47	27	47	3,245	44										
		4	Very often	6	20	272	28	18	31	1,937	26										
			Total	30	100	963	100	58	100	7,323	100										
e. Tried to better	RIperspect	1	Never	0	0	16	2	1	2	146	2										

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				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
understand someone else's views by imagining how an issue looks from their perspective		2	Sometimes	8	27	207	22	9	16	1,640	22	3.0	3.1	-.08	3.3	-.34	3.1	-.07
		3	Often	14	47	443	46	22	38	3,223	44							
		4	Very often	8	27	296	31	26	45	2,311	32							
		Total	30	100	962	100	58	100	7,320	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	10	1	0	0	102	1	2.9	3.0	-.20	3.1	-.31	3.0	-.19
		2	Sometimes	10	33	251	26	14	24	1,860	25							
		3	Often	14	47	410	43	24	41	3,196	44							
		4	Very often	6	20	292	30	20	34	2,165	30							
Total	30	100	963	100	58	100	7,323	100										
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	5	1	0	0	50	1	3.0	3.4 *	-.47	3.4 *	-.56	3.3 *	-.36
		2	Sometimes	6	20	96	10	8	14	899	12							
		3	Often	17	57	413	43	17	29	3,258	45							
		4	Very often	7	23	442	46	33	57	3,110	43							
Total	30	100	956	100	58	100	7,317	100										

3. During the current school year, about how often have you done the following?

a. Talked about career plans with a faculty member	SFcareer	1	Never	3	10	233	24	17	29	1,375	19	2.6	2.2 *	.36	2.2	.40	2.4	.21
		2	Sometimes	12	40	391	41	20	34	2,905	40							
		3	Often	9	30	208	22	13	22	1,785	24							
		4	Very often	6	20	131	14	8	14	1,249	17							
Total	30	100	963	100	58	100	7,314	100										
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	16	53	572	60	37	64	3,476	48	1.8	1.7	.11	1.6	.15	1.9	-.10
		2	Sometimes	9	30	216	22	10	17	2,084	29							
		3	Often	1	3	102	11	7	12	1,008	14							
		4	Very often	4	13	71	7	4	7	743	10							
Total	30	100	961	100	58	100	7,311	100										
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	9	30	397	41	23	40	2,342	32	2.0	1.9	.15	1.8	.21	2.1	-.04
		2	Sometimes	15	50	351	37	24	41	2,812	38							
		3	Often	2	7	135	14	8	14	1,410	19							
		4	Very often	4	13	78	8	3	5	745	10							
Total	30	100	961	100	58	100	7,309	100										
d. Discussed your academic performance with a faculty member	SFperform	1	Never	6	20	249	26	9	16	1,760	24	2.4	2.1	.27	2.3	.04	2.2	.22
		2	Sometimes	11	37	444	46	30	52	3,267	45							
		3	Often	9	30	175	18	10	17	1,551	21							
		4	Very often	4	13	95	10	9	16	728	10							

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				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options Total	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
				30	100	963	100	58	100	7,306	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	7	23	136	14	11	19	713	10	2.5	2.5	-.04	2.5	-.06	2.6	-.20	
			2	Some	8	27	354	37	18	31	2,464								34
			3	Quite a bit	9	30	324	34	16	28	2,892								40
			4	Very much	6	20	147	15	13	22	1,248								17
			Total	30	100	961	100	58	100	7,317	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	7	16	2	1	2	161	2	3.0	3.2	-.21	3.1	-.12	3.1	-.11	
			2	Some	5	17	156	16	13	22	1,387								19
			3	Quite a bit	14	47	444	46	23	40	3,439								47
			4	Very much	9	30	343	36	21	36	2,325								32
			Total	30	100	959	100	58	100	7,312	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	7	23	2	1	2	216	3	3.0	3.1	-.18	3.1	-.20	3.1	-.11	
			2	Some	6	20	179	19	13	22	1,482								20
			3	Quite a bit	13	43	429	45	21	36	3,304								45
			4	Very much	9	30	330	34	23	40	2,309								32
			Total	30	100	961	100	58	100	7,311	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	7	19	2	1	2	208	3	2.9	3.1	-.24	3.2	-.30	3.0	-.18	
			2	Some	7	23	188	20	12	21	1,495								20
			3	Quite a bit	13	43	436	46	22	38	3,363								46
			4	Very much	8	27	311	33	23	40	2,245								31
			Total	30	100	954	100	58	100	7,311	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	3	20	2	1	2	221	3	3.0	3.1	-.14	3.2	-.26	3.0	-.04	
			2	Some	7	24	188	20	11	19	1,633								22
			3	Quite a bit	13	45	456	48	23	40	3,379								46
			4	Very much	8	28	296	31	23	40	2,082								28
			Total	29	100	960	100	58	100	7,315	100								
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	3	22	2	3	5	146	2	3.2	3.2	.01	3.3	-.03	3.2	.04	
			2	Some	3	10	142	15	9	16	1,120								15
			3	Quite a bit	14	47	398	41	16	28	3,155								43
			4	Very much	12	40	402	42	30	52	2,908								40
			Total	30	100	964	100	58	100	7,329	100								
b. Taught course sessions	ETorganize	1	Very little	2	7	36	4	3	5	209	3								

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				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech				NSSE 2016 & 2017				Your seniors compared with							
Item wording or description in an organized way	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		2	Some	3	10	144	15	11	19	1,183	16	3.2	3.2	.03	3.2	.03	3.2	.05	
		3	Quite a bit	12	40	391	41	17	29	3,169	43								
		4	Very much	13	43	385	40	27	47	2,753	38								
			Total	30	100	956	100	58	100	7,314	100								
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	2	7	56	6	3	5	276	4	3.1	3.1	-.04	3.4	-.33	3.1	-.08	
		2	Some	5	17	170	18	6	11	1,271	17								
		3	Quite a bit	11	38	354	37	15	26	2,957	40								
		4	Very much	11	38	380	40	33	58	2,810	38								
			Total	29	100	960	100	57	100	7,314	100								
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	1	3	104	11	7	12	713	10	2.9	2.9	.06	3.0	-.10	2.8	.11	
		2	Some	10	33	234	24	8	14	1,948	27								
		3	Quite a bit	9	30	305	32	19	33	2,502	34								
		4	Very much	10	33	317	33	24	41	2,145	29								
			Total	30	100	960	100	58	100	7,308	100								
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	1	3	67	7	6	10	483	7	3.0	2.9	.06	3.0	-.04	2.9	.14	
		2	Some	8	27	219	23	7	12	1,907	26								
		3	Quite a bit	11	37	371	39	24	41	2,956	40								
		4	Very much	10	33	302	31	21	36	1,955	27								
			Total	30	100	959	100	58	100	7,301	100								
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	2	7	134	14	7	12	837	11	2.4	2.5	-.07	2.6	-.19	2.6	-.17	
		2	Sometimes	14	48	353	37	22	38	2,571	35								
		3	Often	11	38	320	33	15	26	2,566	35								
		4	Very often	2	7	155	16	14	24	1,342	18								
			Total	29	100	962	100	58	100	7,316	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	3	10	194	20	14	24	1,080	15	2.5	2.4	.09	2.4	.02	2.5	-.06	
		2	Sometimes	14	47	354	37	20	34	2,659	36								
		3	Often	9	30	267	28	8	14	2,243	31								
		4	Very often	4	13	145	15	16	28	1,328	18								
			Total	30	100	960	100	58	100	7,310	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	5	17	213	22	11	19	1,173	16	2.3	2.3	.06	2.4	-.12	2.4	-.11	
		2	Sometimes	13	43	381	40	21	36	2,876	39								
		3	Often	9	30	252	26	15	26	2,211	30								
		4	Very often	3	10	114	12	11	19	1,060	14								

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				Frequency Distributions								Statistical Comparisons ^k							
								NSSE 2016 & 2017				Your seniors compared with							
Item wording or description	Variable name ^l	Values ^m	Response options Total	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
				30	100	960	100	58	100	7,320	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	3	10	33	4	3	5	245	3	7.3	9.0	-.23	8.8	-.21	8.6	-.18	
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	3	10	128	14	9	16	1,031	14								
		4	3-5	9	31	251	27	16	28	2,012	28								
		8	6-10	8	28	229	24	9	16	1,784	25								
		13	11-15	3	10	118	13	11	19	875	12								
		18	16-20	0	0	59	6	2	3	522	7								
		23	More than 20	3	10	123	13	8	14	740	10								
			Total	29	100	941	100	58	100	7,209	100								
b. Between 6 and 10 pages	wrmednum	0	None	7	23	171	18	11	20	1,235	17	4.2	3.9	.05	2.7	.37	3.8	.09	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	33	320	34	24	43	2,467	34								
		4	3-5	7	23	247	26	13	23	2,061	29								
		8	6-10	3	10	130	14	8	14	929	13								
		13	11-15	1	3	35	4	0	0	271	4								
		18	16-20	0	0	17	2	0	0	143	2								
		23	More than 20	2	7	19	2	0	0	89	1								
			Total	30	100	939	100	56	100	7,195	100								
c. 11 pages or more	wrlongnum	0	None	9	30	456	50	28	50	3,177	45	2.5	1.7	.26	1.2	.43	1.8	.23	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	16	53	294	32	19	34	2,713	38								
		4	3-5	2	7	113	12	8	14	778	11								
		8	6-10	1	3	28	3	1	2	268	4								
		13	11-15	1	3	15	2	0	0	86	1								
		18	16-20	0	0	7	1	0	0	53	1								
		23	More than 20	1	3	5	1	0	0	59	1								
			Total	30	100	918	100	56	100	7,134	100								
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recorded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									94.2	81.9	.14	65.4	.33	81.8	.14	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	5	17	51	5	1	2	391	5	2.6	3.1 **	-.55	3.3 **	-.72	3.0 **	-.48	
		2	Sometimes	9	30	206	21	12	21	1,813	25								
		3	Often	9	30	298	31	16	28	2,222	30								
		4	Very often	7	23	409	42	29	50	2,896	40								

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				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Effect size ⁿ		Effect size ⁿ			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean		
9. During the current school year, about how often have you done the following?				30		964		58		7,322		2.8		3.1		3.2 *		3.1		-0.29		-0.45			
b. People from an economic background other than your own	DDeconomic	1	Never	3	10	48	5	1	2	322	4	2.8	3.1	-0.29	3.2 *	-0.45	3.1	-0.26							
		2	Sometimes	6	20	194	20	12	21	1,661	23														
		3	Often	14	47	342	36	17	30	2,587	35														
		4	Very often	7	23	377	39	27	47	2,741	37														
Total				30		961		57		7,311															
c. People with religious beliefs other than your own	DDreligion	1	Never	3	10	64	7	2	3	463	6	2.8	2.9	-0.16	3.1	-0.39	3.0	-0.20							
		2	Sometimes	9	30	275	29	12	21	1,973	27														
		3	Often	10	33	297	31	21	36	2,329	32														
		4	Very often	8	27	321	34	23	40	2,539	35														
Total				30		957		58		7,304															
d. People with political views other than your own	DDpolitical	1	Never	1	3	61	6	2	3	415	6	3.0	2.9	.02	3.2	-0.25	3.0	.01							
		2	Sometimes	7	23	253	27	9	16	1,987	27														
		3	Often	14	47	313	33	24	41	2,381	33														
		4	Very often	8	27	323	34	23	40	2,508	34														
Total				30		950		58		7,291															
10. During the current school year, to what extent have your courses challenged you to do your best work?																									
challenge		1	Not at all	0	0	4	0	0	0	61	1														

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				Frequency Distributions								Statistical Comparisons ^k								
								NSSE 2016 & 2017				Your seniors compared with								
Item wording or description		Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
					Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
			2		0	0	9	1	3	5	86	1	5.5	5.9	-.32	5.8	-.19	5.7	-.12	
			3		2	7	18	2	1	2	225	3								
			4		4	13	73	8	3	5	689	9								
			5		11	37	229	24	15	26	2,019	28								
			6		3	10	264	28	13	23	2,033	28								
			7	Very much	10	33	363	38	22	39	2,190	30								
			Total		30	100	960	100	57	100	7,303	100								

11. Which of the following have you done or do you plan to do before you graduate?^o

a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided	2	7	100	10	5	9	713	10	41%	48%	-.14	37%	.09	50%	-.17
		Do not plan to do	11	38	197	20	19	33	1,384	19							
		Plan to do	4	14	200	21	12	21	1,572	21							
		Done or in progress	12	41	467	48	21	37	3,655	50							
		Total	29	100	964	100	57	100	7,324	100							
b. Hold a formal leadership role in a student organization or group	leader	Have not decided	6	20	109	11	3	5	843	12	13%	24%	-.29	24%	-.28	31% * ▼	-.43
		Do not plan to do	20	67	552	57	37	64	3,733	51							
		Plan to do	0	0	69	7	4	7	470	6							
		Done or in progress	4	13	236	24	14	24	2,270	31							
		Total	30	100	966	100	58	100	7,316	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	Have not decided	7	23	136	14	7	12	1,032	14	27%	18%	.21	17%	.23	21%	.12
		Do not plan to do	14	47	573	60	37	64	4,077	56							
		Plan to do	1	3	77	8	4	7	629	9							
		Done or in progress	8	27	174	18	10	17	1,568	21							
		Total	30	100	960	100	58	100	7,306	100							
d. Participate in a study abroad program	abroad	Have not decided	4	13	135	14	8	14	867	12	10%	6%	.16	3%	.27	13%	-.10
		Do not plan to do	23	77	712	74	47	81	5,018	69							
		Plan to do	0	0	59	6	1	2	456	6							
		Done or in progress	3	10	54	6	2	3	973	13							
		Total	30	100	960	100	58	100	7,314	100							
e. Work with a faculty member on a research project	research	Have not decided	3	10	159	17	12	21	1,151	16	17%	16%	.04	16%	.04	24%	-.18
		Do not plan to do	18	62	560	58	33	58	3,553	49							
		Plan to do	3	10	90	9	3	5	814	11							
		Done or in progress	5	17	153	16	9	16	1,785	24							
		Total	29	100	962	100	57	100	7,303	100							

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				Frequency Distributions						Statistical Comparisons ^k								
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	0	0	131	14	7	12	709	10	67%	34% *** ▲	.66	41% * ▲	.51	45% * ▲	.44
			Do not plan to do	5	17	265	27	12	21	1,480	20							
			Plan to do	5	17	238	25	15	26	1,834	25							
			Done or in progress	20	67	330	34	24	41	3,293	45							
			Total	30	100	964	100	58	100	7,316	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with				
	servcourse	1	None	10	33	349	36	20	35	2,530	35	1.8	1.8	-.06	1.8	-.01	1.8	-.02
		2	Some	16	53	444	46	29	51	3,769	52							
		3	Most	4	13	140	15	7	12	839	11							
		4	All	0	0	30	3	1	2	173	2							
		Total		30	100	963	100	57	100	7,311	100							
13. Indicate the quality of your interactions with the following people at your institution.				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with				
a. Students	QIstudent	1	Poor	0	0	10	1	1	2	95	1	5.9	5.7	.18	5.4	.33	5.6	.25
		2		2	7	10	1	2	3	108	1							
		3		1	3	38	4	6	10	336	5							
		4		2	7	81	8	3	5	767	10							
		5		0	0	236	24	13	22	1,691	23							
		6		12	40	231	24	13	22	1,918	26							
		7	Excellent	13	43	326	34	18	31	2,221	30							
		—	Not applicable	0	0	33	3	2	3	193	3							
		Total		30	100	965	100	58	100	7,329	100							
b. Academic advisors	QIadvisor	1	Poor	0	0	26	3	1	2	269	4	6.3	5.5 ** ▲	.48	5.7	.42	5.4 *** ▲	.52
		2		1	3	38	4	3	5	336	5							
		3		1	3	60	6	1	2	439	6							
		4		0	0	109	11	6	10	823	11							
		5		4	13	155	16	9	16	1,202	16							
		6		4	13	189	20	15	26	1,455	20							
		7	Excellent	20	67	374	39	23	40	2,700	37							
		—	Not applicable	0	0	11	1	0	0	97	1							
		Total		30	100	962	100	58	100	7,321	100							
c. Faculty	QIfaculty	1	Poor	0	0	11	1	1	2	94	1	5.9	5.7	.09	5.5	.26	5.6	.16
		2		0	0	27	3	4	7	161	2							
		3		1	3	37	4	3	5	288	4							
		4		2	7	75	8	5	9	712	10							
		5		8	28	176	18	10	18	1,520	21							

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				Frequency Distributions						Statistical Comparisons ^k									
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
				%	%	%	%	%	%										
		6		6	21	270	28	14	25	2,115	29								
		7	Excellent	11	38	353	37	20	35	2,332	32								
		—	Not applicable	1	3	14	1	0	0	82	1								
			Total	29	100	963	100	57	100	7,304	100								
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	27	3	1	2	297	4	5.5	5.1	.24	5.0	.38	5.0 *	.32	
		2		0	0	33	3	4	7	324	4								
		3		0	0	51	5	3	5	457	6								
		4		5	17	101	10	6	10	864	12								
		5		5	17	143	15	13	22	1,176	16								
		6		10	33	120	12	3	5	1,142	16								
		7	Excellent	4	13	191	20	12	21	1,351	18								
		—	Not applicable	6	20	296	31	16	28	1,695	23								
			Total	30	100	962	100	58	100	7,306	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	35	4	5	9	299	4	5.7	5.3	.27	4.7 **	.59	5.1 **	.37	
		2		0	0	36	4	4	7	369	5								
		3		1	3	76	8	7	12	553	8								
		4		4	13	124	13	6	10	999	14								
		5		5	17	168	17	13	22	1,401	19								
		6		10	33	184	19	9	16	1,480	20								
		7	Excellent	8	27	288	30	13	22	1,770	24								
		—	Not applicable	2	7	55	6	1	2	458	6								
			Total	30	100	966	100	58	100	7,329	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	7	21	2	2	3	154	2	3.0	3.2	-.17	3.1	-.12	3.1	-.08	
		2	Some	5	17	151	16	9	16	1,314	18								
		3	Quite a bit	12	41	435	45	26	45	3,511	48								
		4	Very much	10	34	353	37	21	36	2,336	32								
			Total	29	100	960	100	58	100	7,315	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	3	45	5	4	7	358	5	3.0	3.1	-.10	2.9	.10	3.0	.05	
		2	Some	6	21	187	20	13	22	1,727	24								
		3	Quite a bit	14	48	364	38	25	43	3,075	42								
		4	Very much	8	28	358	38	16	28	2,124	29								
			Total	29	100	954	100	58	100	7,284	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	3	10	77	8	6	11	678	9	2.9	3.0	-.15	2.9	.04	2.9	.02	
		2	Some	5	17	173	18	11	19	1,730	24								
		3	Quite a bit	14	47	340	36	25	44	2,705	37								

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				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description (abbr., etc.)	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				%	%	%	%	%	%																
		4	Very much	8	27	364	38	15	26	2,187	30														
			Total	30	100	954	100	57	100	7,300	100														
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	4	13	132	14	8	14	1,133	16	2.7	2.8	-.08	2.7	-.07	2.6	.05							
		2	Some	10	33	245	26	13	22	2,189	30														
		3	Quite a bit	8	27	309	32	23	40	2,304	32														
		4	Very much	8	27	271	28	14	24	1,667	23														
			Total	30	100	957	100	58	100	7,293	100														
e. Providing opportunities to be involved socially	SEsocial	1	Very little	5	17	112	12	2	4	710	10	2.8	2.8	.02	3.0	-.20	2.8	.04							
		2	Some	4	13	229	24	12	21	1,971	27														
		3	Quite a bit	12	40	340	36	26	46	2,738	38														
		4	Very much	9	30	272	29	17	30	1,874	26														
			Total	30	100	953	100	57	100	7,293	100														
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	5	17	130	14	3	5	1,001	14	2.7	2.7	.02	3.0	-.27	2.7	.06							
		2	Some	7	23	272	28	15	26	2,089	29														
		3	Quite a bit	9	30	293	31	19	33	2,477	34														
		4	Very much	9	30	262	27	21	36	1,726	24														
			Total	30	100	957	100	58	100	7,293	100														
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	13	43	302	32	16	28	2,601	36	1.9	2.2	-.28	2.3	-.41	2.1	-.16							
		2	Some	10	33	309	32	16	28	2,458	34														
		3	Quite a bit	4	13	213	22	17	29	1,441	20														
		4	Very much	3	10	132	14	9	16	790	11														
			Total	30	100	956	100	58	100	7,290	100														
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	7	23	211	22	9	16	1,524	21	2.4	2.5	-.10	2.7	-.34	2.5	-.10							
		2	Some	10	33	271	29	14	24	2,170	30														
		3	Quite a bit	8	27	279	29	19	33	2,222	31														
		4	Very much	5	17	187	20	16	28	1,354	19														
			Total	30	100	948	100	58	100	7,270	100														
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	8	27	235	25	11	19	1,645	23	2.1	2.3	-.17	2.5	-.40	2.3	-.21							
		2	Some	12	40	330	35	16	28	2,558	35														
		3	Quite a bit	8	27	243	26	21	36	1,983	27														
		4	Very much	2	7	140	15	10	17	1,082	15														
			Total	30	100	948	100	58	100	7,268	100														
15. About how many hours do you spend in a typical 7-day week doing the following?																									
a. Preparing for class (studying, reading, ...)	tmprephrs	0	0 hrs	0	0	1	0	0	0	17	0														
	(Recoded version)	3	1-5 hrs	8	27	119	12	7	12	981	13														

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions						Statistical Comparisons ^k								
				Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
homework or lab work, analyzing data, rehearsing, and other academic activities)	of tmprep created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	1	3	227	24	9	16	1,715	23	14.8	14.6	.03	14.6	.02	14.7	.02
		13	11-15 hrs	5	17	225	23	17	29	1,556	21							
		18	16-20 hrs	10	33	186	19	14	24	1,329	18							
		23	21-25 hrs	2	7	82	9	6	10	780	11							
		28	26-30 hrs	2	7	55	6	4	7	445	6							
		33	More than 30 hrs	2	7	65	7	1	2	482	7							
			Total			30	100	960	100	58	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	17	57	599	62	37	64	3,778	52	4.8	3.0	.31	3.6	.17	4.0	.12
		3	1-5 hrs	4	13	202	21	9	16	1,795	25							
		8	6-10 hrs	3	10	71	7	3	5	776	11							
		13	11-15 hrs	3	10	36	4	5	9	385	5							
		18	16-20 hrs	1	3	24	3	1	2	262	4							
		23	21-25 hrs	1	3	13	1	2	3	141	2							
		28	26-30 hrs	1	3	5	1	1	2	57	1							
33	More than 30 hrs	0	0	10	1	0	0	98	1									
	Total			30	100	960	100	58	100	7,292	100							
c. Working for pay on campus	tmworkonhrs (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	23	79	812	85	50	88	5,396	74	4.1	2.4	.26	2.5	.19	3.5	.07
		3	1-5 hrs	1	3	18	2	0	0	271	4							
		8	6-10 hrs	2	7	33	3	2	4	521	7							
		13	11-15 hrs	0	0	23	2	1	2	391	5							
		18	16-20 hrs	0	0	45	5	1	2	403	6							
		23	21-25 hrs	0	0	10	1	0	0	114	2							
		28	26-30 hrs	0	0	2	0	1	2	51	1							
33	More than 30 hrs	3	10	17	2	2	4	135	2									
	Total			29	100	960	100	57	100	7,282	100							
d. Working for pay off campus	tmworkoffhrs (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	11	37	348	36	22	38	2,951	40	15.9	16.9	-.07	17.9	-.13	14.3	.11
		3	1-5 hrs	1	3	27	3	2	3	322	4							
		8	6-10 hrs	1	3	29	3	0	0	339	5							
		13	11-15 hrs	2	7	42	4	1	2	372	5							
		18	16-20 hrs	3	10	60	6	2	3	493	7							
		23	21-25 hrs	0	0	53	6	2	3	404	6							
		28	26-30 hrs	2	7	36	4	4	7	336	5							
33	More than 30 hrs	10	33	365	38	25	43	2,076	28									
	Total			30	100	960	100	58	100	7,293	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created											19.4	19.3	.01	20.5	-.07	17.9	.11

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k																							
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017			
Item wording or description	Variable name ^l <i>(by NSSE)</i>	Values ^m	Response options	Count		%		Count		%		Count		%		Count		%		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
e. Doing community service or volunteer work				12		41		418		44		19		33		3,242		44		4.2	4.3	-.01	4.5	-.06	3.8	.06									
	tmservicehrs	0	0 hrs	9	31	321	34	27	47	2,604	36																								
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	5	17	98	10	4	7	682	9																								
		13	11-15 hrs	1	3	53	6	3	5	315	4																								
		18	16-20 hrs	1	3	26	3	1	2	195	3																								
		23	21-25 hrs	1	3	15	2	1	2	95	1																								
		28	26-30 hrs	0	0	5	1	0	0	41	1																								
		33	More than 30 hrs	0	0	21	2	2	4	112	2																								
			Total	29	100	957	100	57	100	7,286	100																								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)				2		7		48		5		2		4		301		4		9.6	8.7	.13	8.7	.13	9.7	-.01									
	tmrelaxhrs	0	0 hrs	8	27	357	37	20	35	2,368	32																								
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	10	33	259	27	17	30	2,026	28																								
		13	11-15 hrs	5	17	140	15	12	21	1,188	16																								
		18	16-20 hrs	2	7	91	9	3	5	709	10																								
		23	21-25 hrs	1	3	27	3	1	2	304	4																								
		28	26-30 hrs	1	3	13	1	0	0	148	2																								
		33	More than 30 hrs	1	3	23	2	2	4	258	4																								
			Total	30	100	958	100	57	100	7,302	100																								
g. Providing care for dependents (children, parents, etc.)				21		70		406		42		28		49		4,005		55		5.9	12.3 **	-0.45	12.4 *	-0.47	9.1	-0.24									
	tmcarehrs	0	0 hrs	1	3	107	11	2	4	692	10																								
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	1	3	58	6	6	11	396	5																								
		13	11-15 hrs	2	7	52	5	1	2	280	4																								
		18	16-20 hrs	1	3	36	4	1	2	231	3																								
		23	21-25 hrs	1	3	15	2	0	0	134	2																								
		28	26-30 hrs	0	0	14	1	1	2	128	2																								
		33	More than 30 hrs	3	10	270	28	18	32	1,415	19																								
			Total	30	100	958	100	57	100	7,281	100																								
h. Commuting to campus (driving, walking, etc.)				3		10		401		42		26		45		2,422		33		6.9	3.9 *	.47	3.8	.44	4.2	.45									
	tmcommutehrs	0	0 hrs	16	53	358	37	19	33	3,241	44																								
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	5	17	123	13	9	16	990	14																								
		13	11-15 hrs	3	10	31	3	2	3	314	4																								
		18	16-20 hrs	1	3	15	2	0	0	124	2																								
		23	21-25 hrs	0	0	3	0	0	0	48	1																								
		28	26-30 hrs	1	3	4	0	0	0	28	0																								

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count		Count		Count		Count		Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
				Tennessee Tech	%	Carnegie Class	%	THEC Peer Group	%	NSSE 2016 & 2017	%														
		33	More than 30 hrs	1	3	24	3	2	3	139	2														
			Total	30	100	959	100	58	100	7,306	100														
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																									
	reading	1	Very little	5	17	79	8	4	7	578	8	2.8	3.1	-.28	3.4 *	-.51	3.1	-.26							
		2	Some	6	20	203	21	12	21	1,692	23														
		3	About half	10	33	323	33	10	17	2,361	32														
		4	Most	8	27	256	27	20	34	1,917	26														
		5	Almost all	1	3	104	11	12	21	772	11														
			Total	30	100	965	100	58	100	7,320	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)									7.8	7.9	-.02	8.7	-.14	7.9	-.02							
	tmreadinghrscol	1	0 hrs	0	0	1	0	0	0	17	0														
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	13	43	390	41	20	34	3,032	42														
		3	More than 5, up to 10 hrs	11	37	319	33	18	31	2,287	31														
		4	More than 10, up to 15 hrs	2	7	122	13	10	17	895	12														
		5	More than 15, up to 20 hrs	1	3	58	6	6	10	505	7														
		6	More than 20, up to 25 hrs	3	10	45	5	3	5	387	5														
		7	More than 25 hrs	0	0	23	2	1	2	162	2														
			Total	30	100	958	100	58	100	7,285	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	2	7	28	3	0	0	302	4	3.2	3.2	-.07	3.4	-.32	3.1	.05						
			2	Some	6	20	149	16	5	9	1,282	18													
			3	Quite a bit	7	23	367	38	24	41	2,902	40													
			4	Very much	15	50	417	43	29	50	2,818	39													
			Total	30	100	961	100	58	100	7,304	100														
b.	Speaking clearly and effectively	pgspeak	1	Very little	1	3	77	8	4	7	580	8													
			2	Some	7	24	215	22	13	22	1,719	24													

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				THEC Peer Group				NSSE 2016 & 2017				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
		3	Quite a bit	8	28	340	35	15	26	2,661	36	3.1	3.0	.19	3.1	.05	2.9	.23							
		4	Very much	13	45	328	34	26	45	2,352	32														
		Total		29	100	960	100	58	100	7,312	100														
c. Thinking critically and analytically	pgthink	1	Very little	0	0	17	2	1	2	181	2	3.4	3.3	.04	3.5	-.19	3.3	.09							
		2	Some	5	17	105	11	3	5	889	12														
		3	Quite a bit	9	30	377	39	20	34	2,801	38														
		4	Very much	16	53	462	48	34	59	3,446	47														
		Total		30	100	961	100	58	100	7,317	100														
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	13	108	11	7	12	753	10	2.5	2.7	-.20	2.9	-.40	2.8	-.27							
		2	Some	11	37	301	31	14	25	2,056	28														
		3	Quite a bit	10	33	288	30	11	19	2,433	33														
		4	Very much	5	17	260	27	25	44	2,064	28														
		Total		30	100	957	100	57	100	7,306	100														
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	3	82	9	7	12	619	8	3.1	3.0	.09	2.9	.17	2.9	.16							
		2	Some	7	23	180	19	10	17	1,686	23														
		3	Quite a bit	10	33	347	36	21	36	2,494	34														
		4	Very much	12	40	355	37	20	34	2,523	34														
		Total		30	100	964	100	58	100	7,322	100														
f. Working effectively with others	pgothers	1	Very little	1	3	48	5	2	4	393	5	3.2	3.1	.16	3.1	.08	3.0	.20							
		2	Some	7	23	200	21	14	25	1,631	22														
		3	Quite a bit	7	23	357	37	16	28	2,728	37														
		4	Very much	15	50	356	37	25	44	2,556	35														
		Total		30	100	961	100	57	100	7,308	100														
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	1	3	87	9	4	7	768	10	3.0	3.0	-.03	3.2	-.23	2.9	.10							
		2	Some	9	30	188	20	11	19	1,754	24														
		3	Quite a bit	10	33	327	34	13	22	2,438	33														
		4	Very much	10	33	362	38	30	52	2,360	32														
		Total		30	100	964	100	58	100	7,320	100														
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	3	10	79	8	5	9	687	9	2.8	3.0	-.13	3.2	-.33	2.9	-.03							
		2	Some	9	30	232	24	10	17	1,925	26														
		3	Quite a bit	8	27	305	32	13	22	2,391	33														
		4	Very much	10	33	350	36	30	52	2,313	32														
		Total		30	100	966	100	58	100	7,316	100														
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	17	71	7	4	7	590	8														
		2	Some	7	23	259	27	17	29	1,865	25														

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

		Frequency Distributions										Statistical Comparisons ^k							
												<i>Your seniors compared with</i>							
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech	Carnegie Class	THEC Peer Group	NSSE 2016 & 2017				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
		3	Quite a bit	9	30	323	34	14	24	2,639	36	2.7	2.9	-.18	3.0	-.23	2.9	-.17	
		4	Very much	9	30	309	32	23	40	2,225	30								
		Total		30	100	962	100	58	100	7,319	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	3	10	88	9	5	9	697	10	2.6	2.9	-.26	2.9	-.34	2.8	-.25	
		2	Some	13	43	258	27	15	26	1,978	27								
		3	Quite a bit	7	23	321	34	17	29	2,403	33								
		4	Very much	7	23	291	30	21	36	2,207	30								
		Total		30	100	958	100	58	100	7,285	100								
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	0	0	9	1	0	0	131	2	3.5	3.4	.13	3.4	.25	3.3	.26	
		2	Fair	3	10	81	8	7	13	722	10								
		3	Good	8	27	346	36	22	39	2,958	40								
		4	Excellent	19	63	524	55	27	48	3,512	48								
		Total		30	100	960	100	56	100	7,323	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	0	0	37	4	1	2	307	4	3.5	3.4	.18	3.4	.17	3.3	.27	
		2	Probably no	3	10	85	9	4	7	740	10								
		3	Probably yes	8	27	309	32	23	40	2,634	36								
		4	Definitely yes	19	63	530	55	30	52	3,650	50								
		Total		30	100	961	100	58	100	7,331	100								

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

			First-Year Students ^a						Seniors ^a									
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	7	88	206	79			2,257	74	27	90	810	84	50	86	5,952	81
		More than one	1	13	54	21			784	26	3	10	158	16	8	14	1,404	19
		Total	8	100	260	100			3,041	100	30	100	968	100	58	100	7,356	100
First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities	0	0	1	0			41	1	0	0	5	1	0	0	54	1
		Biological Sci., Agriculture, & Natural Resources	5	63	90	35			1,640	54	2	7	133	14	5	9	2,236	30
		Physical Sci., Mathematics, & Computer Science	0	0	0	0			20	1	0	0	0	0	0	0	34	0
		Social Sciences	0	0	6	2			50	2	0	0	20	2	0	0	139	2
		Business	0	0	3	1			29	1	1	3	10	1	0	0	59	1
		Communications, Media, & Public Relations	0	0	0	0			10	0	0	0	0	0	0	0	8	0
		Education	0	0	5	2			29	1	0	0	6	1	0	0	38	1
		Engineering	0	0	0	0			16	1	1	3	3	0	1	2	38	1
		Health Professions	0	0	5	2			66	2	0	0	29	3	1	2	230	3
		Social Service Professions	0	0	30	12			327	11	0	0	106	11	0	0	838	11
		All Other	3	38	119	46			808	27	26	87	655	68	51	88	3,677	50
		Undecided, Undeclared	0	0	1	0			4	0	0	0	0	0	0	0	3	0
		Total	8	100	260	100			3,040	100	30	100	967	100	58	100	7,354	100
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	0	0	3	6			62	8	0	0	10	6	0	0	82	6
		Biological Sci., Agriculture, & Natural Resources	1	100	6	11			273	35	0	0	13	8	0	0	297	21
		Physical Sci., Mathematics, & Computer Science	0	0	0	0			24	3	0	0	2	1	1	13	30	2
		Social Sciences	0	0	7	13			91	12	0	0	14	9	0	0	130	9
		Business	0	0	4	8			32	4	0	0	14	9	0	0	70	5
		Communications, Media, & Public Relations	0	0	1	2			7	1	0	0	1	1	0	0	14	1
		Education	0	0	2	4			9	1	0	0	7	4	0	0	60	4
		Engineering	0	0	0	0			13	2	0	0	1	1	0	0	29	2
		Health Professions	0	0	4	8			24	3	0	0	10	6	3	38	65	5
		Social Service Professions	0	0	8	15			95	12	0	0	29	19	0	0	236	17
		All Other	0	0	18	34			140	18	3	100	49	31	3	38	356	26
		Undecided, Undeclared	0	0	0	0			11	1	0	0	6	4	1	13	21	2
		Total	1	100	53	100			781	100	3	100	156	100	8	100	1,390	100
21. What is your class level?	class	Freshman/First-year	2	25	212	82			2,532	84	0	0	1	0	0	0	15	0
		Sophomore	5	63	38	15			356	12	0	0	1	0	0	0	47	1
		Junior	0	0	6	2			74	2	1	3	46	5	4	7	517	7
		Senior	0	0	1	0			26	1	28	93	891	93	52	90	6,556	90
		Unclassified	1	13	3	1			34	1	1	3	24	2	2	3	177	2
		Total	8	100	260	100			3,022	100	30	100	963	100	58	100	7,312	100
22. Thinking about this	fulltime	No	1	13	21	8			154	5	8	28	250	26	20	35	1,764	24

NSSE 2017 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

			First-Year Students ^a						Seniors ^a									
Item wording or description	Variable name	Response options	Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
current academic term, are you a full-time student?		Yes	7	88	236	92			2,851	95	21	72	704	74	37	65	5,488	76
		Total	8	100	257	100			3,005	100	29	100	954	100	57	100	7,252	100
23a. How many courses are you taking for credit this current academic term?	coursesum	0	0	0	6	2			14	0	2	7	35	4	1	2	211	3
		1	0	0	12	5			37	1	1	3	74	8	4	7	505	7
		2	0	0	11	4			144	5	5	17	150	16	9	16	1,090	15
		3	1	13	8	3			132	4	3	10	143	15	10	17	974	13
		4	3	38	67	26			793	26	12	40	246	25	15	26	1,829	25
		5	2	25	83	32			1,104	37	4	13	163	17	11	19	1,504	21
		6	1	13	34	13			482	16	2	7	83	9	3	5	670	9
		7 or more	1	13	36	14			318	11	1	3	71	7	5	9	536	7
		Total	8	100	257	100			3,024	100	30	100	965	100	58	100	7,319	100
b. Of these, how many are entirely online ?	onlinenum	0	6	75	175	68			2,373	79	9	31	351	37	12	21	3,817	52
		1	2	25	41	16			301	10	5	17	163	17	8	14	1,268	17
		2	0	0	13	5			159	5	4	14	165	17	10	17	1,000	14
		3	0	0	4	2			52	2	3	10	99	10	13	22	501	7
		4	0	0	11	4			60	2	7	24	96	10	9	16	366	5
		5	0	0	2	1			16	1	0	0	24	3	3	5	118	2
		6	0	0	1	0			16	1	1	3	29	3	3	5	90	1
		7 or more	0	0	9	4			31	1	0	0	32	3	0	0	125	2
		Total	8	100	256	100			3,008	100	29	100	959	100	58	100	7,285	100
Collapsed recode of courses taken online (Based on responses to coursesum and onlinenum.)	onlinecscol	No courses taken online	6	75	175	68			2,373	79	9	31	351	37	12	21	3,817	52
		Some courses taken online	2	25	39	15			362	12	13	45	218	23	15	26	1,559	21
		All courses taken online	0	0	42	16			273	9	7	24	389	41	31	53	1,908	26
		Total	8	100	256	100			3,008	100	29	100	958	100	58	100	7,284	100
24. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	7	3			51	2	0	0	4	0	0	0	27	0
		C	0	0	11	4			80	3	0	0	10	1	0	0	118	2
		C+	1	13	12	5			139	5	1	3	23	2	1	2	250	3
		B-	0	0	15	6			179	6	3	10	37	4	3	5	475	7
		B	2	25	34	13			530	18	7	23	149	15	10	18	1,239	17
		B+	1	13	62	24			584	19	5	17	146	15	4	7	1,292	18
		A-	1	13	46	18			651	22	1	3	178	18	10	18	1,406	19
		A	3	38	73	28			808	27	13	43	417	43	29	51	2,500	34
		Total	8	100	260	100			3,022	100	30	100	964	100	57	100	7,307	100
25. Did you begin college at this institution or elsewhere?	begincol	Started here	4	50	226	87			2,620	87	12	40	304	32	15	26	3,187	44
		Started elsewhere	4	50	33	13			396	13	18	60	660	68	43	74	4,124	56
		Total	8	100	259	100			3,016	100	30	100	964	100	58	100	7,311	100
26. Since graduating from	attend_voc	Vocational or technical school	1	13	23	9			169	6	3	10	147	15	7	12	984	14

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Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

			First-Year Students ^a						Seniors ^a									
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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_com	Community or junior college	3	38	38	15			341	11	21	70	587	61	34	59	3,664	50
	attend_col	4-year college or university other than this one	2	25	16	6			246	8	6	20	323	34	21	36	2,204	30
	attend_none	None	3	38	188	73			2,277	76	8	27	187	19	8	14	2,138	29
	attend_other	Other	1	13	9	3			114	4	2	7	69	7	2	3	421	6
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	1	13	25	10			232	8	2	7	71	7	6	10	507	7
		Bachelor's degree (B.A., B.S., etc.)	2	25	100	38			1,130	38	7	23	328	34	23	40	2,508	34
		Master's degree (M.A., M.S., etc.)	4	50	104	40			1,178	39	20	67	432	45	22	38	3,192	44
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	13	31	12			473	16	1	3	132	14	7	12	1,104	15
		Total	8	100	260	100			3,013	100	30	100	963	100	58	100	7,311	100
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	0	0	28	11			141	5	2	7	95	10	6	10	496	7
		High school diploma or G.E.D.	1	13	56	22			487	16	13	43	267	28	17	29	1,696	23
		Attended college, but did not complete degree	1	13	33	13			353	12	3	10	118	12	4	7	873	12
		Associate's degree (A.A., A.S., etc.)	1	13	28	11			289	10	2	7	104	11	6	10	797	11
		Bachelor's degree (B.A., B.S., etc.)	3	38	65	25			842	28	7	23	204	21	14	24	1,847	25
		Master's degree (M.A., M.S., etc.)	2	25	38	15			656	22	3	10	134	14	8	14	1,147	16
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	12	5			241	8	0	0	38	4	3	5	438	6
		Total	8	100	260	100			3,009	100	30	100	960	100	58	100	7,294	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	5	63	115	44			1,739	58	10	33	376	39	25	43	3,432	47
		First-generation	3	38	145	56			1,270	42	20	67	584	61	33	57	3,862	53
		Total	8	100	260	100			3,009	100	30	100	960	100	58	100	7,294	100
29. What is your gender identity?	genderid	Man	3	38	74	28			1,114	37	7	23	309	32	16	28	2,680	37
		Woman	5	63	185	71			1,839	61	21	70	632	66	40	69	4,448	61
		Another gender identity	0	0	0	0			33	1	0	0	7	1	0	0	73	1
		I prefer not to respond	0	0	1	0			32	1	2	7	13	1	2	3	106	1
		Total	8	100	260	100			3,018	100	30	100	961	100	58	100	7,307	100
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	4	50	187	73			2,416	81	0	0	5	1	0	0	27	0
		20-23	2	25	15	6			213	7	13	45	311	33	17	29	3,317	46
		24-29	0	0	8	3			103	3	4	14	184	19	15	26	1,249	17
		30-39	1	13	25	10			141	5	4	14	193	20	14	24	1,204	17
		40-55	1	13	22	9			113	4	7	24	219	23	9	16	1,232	17
		Over 55	0	0	0	0			11	0	1	3	38	4	3	5	217	3
Total	8	100	257	100			2,997	100	29	100	950	100	58	100	7,246	100		
31a. Are you an	internat	No	8	100	247	97			2,913	98	30	100	938	99	56	97	7,105	98

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Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

			First-Year Students ^a					Seniors ^a										
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
international student?		Yes	0	0	7	3			74	2	0	0	12	1	2	3	122	2
		Total	8	100	254	100			2,987	100	30	100	950	100	58	100	7,227	100
[If answered "yes"]	countrycol	Africa Sub-Saharan	0	0	0	0			2	3	0	0	2	17	0	0	16	14
Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	(Recoded from country.)	Asia	0	0	1	14			28	44	0	0	3	25	0	0	21	19
		Canada	0	0	0	0			3	5	0	0	2	17	0	0	8	7
		Europe	0	0	2	29			10	16	0	0	2	17	1	50	21	19
		Latin America and Caribbean	0	0	1	14			9	14	0	0	2	17	1	50	28	25
		Middle East and North Africa	0	0	3	43			10	16	0	0	0	0	0	0	15	13
		Oceania	0	0	0	0			2	3	0	0	1	8	0	0	3	3
		Unknown region/uncoded	0	0	0	0			0	0	0	0	0	0	0	0	0	0
		Total	0	0	7	100			64	100	0	0	12	100	2	100	112	100
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	1	13	11	4			89	3	0	0	24	2	0	0	204	3
	re_asian	Asian	0	0	11	4			170	6	0	0	35	4	1	2	285	4
	re_black	Black or African American	0	0	33	13			266	9	1	3	116	12	6	10	849	12
	re_latino	Hispanic or Latino	0	0	55	21			332	11	0	0	154	16	2	3	844	12
	re_pacific	Native Hawaiian or Other Pacific Islander	0	0	1	0			31	1	0	0	5	1	0	0	57	1
	re_white	White	8	100	162	63			2,276	76	27	90	636	66	48	83	5,143	71
	re_other	Other	0	0	7	3			56	2	0	0	18	2	1	2	195	3
	re_pnr	I prefer not to respond	0	0	8	3			90	3	2	7	43	4	2	3	338	5
Racial or ethnic identification	re_all	American Indian or Alaska Native	0	0	4	2			21	1	0	0	3	0	0	0	49	1
	(Recoded from re_amind to re_pnr where each student is represented only once.)	Asian	0	0	9	3			110	4	0	0	26	3	1	2	187	3
		Black or African American	0	0	23	9			202	7	1	3	103	11	5	9	728	10
		Hispanic or Latino	0	0	47	18			224	7	0	0	131	14	2	3	610	8
		Native Hawaiian/Other Pac. Islander	0	0	0	0			12	0	0	0	2	0	0	0	17	0
		White	7	88	140	54			2,040	68	27	90	588	61	46	79	4,710	65
		Other	0	0	3	1			31	1	0	0	11	1	0	0	108	1
		Multiracial	1	13	24	9			269	9	0	0	55	6	2	3	529	7
		I prefer not to respond	0	0	8	3			90	3	2	7	43	4	2	3	338	5
		Total	8	100	258	100			2,999	100	30	100	962	100	58	100	7,276	100
33. Are you a member of a social fraternity or sorority?	greek	No	7	88	242	93			2,788	93	27	90	893	93	55	95	6,652	91
		Yes	1	13	17	7			220	7	3	10	68	7	3	5	642	9
		Total	8	100	259	100			3,008	100	30	100	961	100	58	100	7,294	100
34. Which of the following best describes where you are living while attending college?	living	Residence hall, dormitory or other camp.	2	25	123	48			2,071	69	0	0	53	6	2	3	832	11
		Fraternity or sorority house	0	0	2	1			13	0	0	0	4	0	1	2	51	1
		Residence (house, apartment, etc.) within walking distance to the institution	1	13	14	5			144	5	4	13	116	12	6	10	1,432	20

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Interdisc. Studies

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
		Residence (house, apartment, etc.) farther than walking distance to the institution	4	50	99	39			607	20	22	73	632	66	42	72	4,226	58
		None of the above	1	13	19	7			169	6	4	13	149	16	7	12	737	10
		Total	8	100	257	100			3,004	100	30	100	954	100	58	100	7,278	100
35.	Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete																
		No	8	100	238	92			2,682	90	30	100	934	98	57	98	6,961	96
		Yes	0	0	20	8			311	10	0	0	20	2	1	2	295	4
		Total	8	100	258	100			2,993	100	30	100	954	100	58	100	7,256	100
36.	Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran																
		No	8	100	244	95			2,858	95	29	97	823	86	56	98	6,320	87
		Yes	0	0	14	5			137	5	1	3	136	14	1	2	945	13
		Total	8	100	258	100			2,995	100	30	100	959	100	57	100	7,265	100
37a.	Have you been diagnosed with any disability or impairment?	disability																
		No	6	75	214	83			2,486	83	27	90	794	83	47	82	5,849	80
		Yes	2	25	31	12			411	14	2	7	128	13	8	14	1,168	16
		I prefer not to respond	0	0	14	5			108	4	1	3	36	4	2	4	284	4
		Total	8	100	259	100			3,005	100	30	100	958	100	57	100	7,301	100
b.	[If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	0	0	6	20			55	13	0	0	25	20	0	0	169	15
		dis_mobility	0	0	1	3			33	8	0	0	26	20	2	25	174	15
		dis_learning	0	0	14	47			190	47	1	100	38	30	4	50	445	39
		dis_mental	2	100	7	23			175	43	1	100	40	31	2	25	451	39
		dis_other	1	50	9	30			69	17	0	0	33	26	1	13	312	27
	Disability or impairment	disability_all	0	0	3	1			34	1	0	0	15	2	0	0	71	1
		(Recoded from disability and dis_sense to dis_other where each student is represented only once.)	0	0	0	0			12	0	0	0	11	1	2	4	69	1
		A sensory impairment	0	0	8	3			119	4	0	0	27	3	3	5	284	4
		A mobility impairment	1	13	5	2			104	3	0	0	24	3	1	2	253	3
		A learning disability	0	0	8	3			41	1	0	0	20	2	1	2	169	2
		A mental health disorder	1	13	6	2			98	3	1	3	30	3	1	2	307	4
		A disability or impairment not listed	6	75	214	83			2,486	83	27	93	794	83	47	82	5,849	80
		More than one disability or impairment	0	0	14	5			108	4	1	3	36	4	2	4	284	4
		No disability or impairment	8	100	258	100			3,002	100	29	100	957	100	57	100	7,286	100
38.	Which of the following best describes your sexual orientation?	sexorient17																
		Straight (heterosexual)	8	100	114	81			1,668	81	26	87	317	83	8	80	3,874	84
		Bisexual	0	0	8	6			135	7	0	0	20	5	1	10	227	5
		Gay	0	0	1	1			25	1	0	0	7	2	0	0	57	1
		Lesbian	0	0	4	3			26	1	0	0	8	2	1	10	58	1

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Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

Item wording or description	Variable name	Response options	First-Year Students ^a						Seniors ^a									
			Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017		Tennessee Tech		Carnegie Class		THEC Peer Group		NSSE 2016 & 2017	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
		Queer	0	0	1	1			27	1	0	0	7	2	0	0	53	1
		Questioning or unsure	0	0	3	2			42	2	0	0	1	0	0	0	41	1
		Another sexual orientation	0	0	3	2			49	2	0	0	6	2	0	0	74	2
		I prefer not to respond	0	0	7	5			76	4	4	13	18	5	0	0	244	5
		Total	8	100	141	100			2,048	100	30	100	384	100	10	100	4,628	100

Institution-reported information

(Variables provided by your institution in your NSSE population file.)

Institution-reported:	IRsex	Female	5	63	185	71			1,882	62	21	70	647	67	40	69	4,563	62
Sex		Male	3	38	75	29			1,159	38	9	30	321	33	18	31	2,793	38
		Total	8	100	260	100			3,041	100	30	100	968	100	58	100	7,356	100
Institution-reported:	IRrace	American Indian or Alaska Native	0	0	3	1			28	1	0	0	4	0	0	0	51	1
Race or ethnicity		Asian	0	0	5	2			80	3	0	0	24	3	1	2	161	3
		Black or African American	0	0	19	8			163	6	1	3	89	9	5	9	663	10
		Hispanic or Latino	0	0	47	19			281	11	0	0	135	14	1	2	731	11
		Native Hawaiian/Other Pac. Islander	0	0	0	0			12	0	0	0	0	0	0	0	11	0
		White	6	75	128	51			1,800	68	28	93	539	57	49	84	4,181	65
		Other	0	0	0	0			2	0	0	0	0	0	0	0	0	0
		Foreign or nonresident alien	0	0	8	3			52	2	0	0	4	0	1	2	77	1
		Two or more races/ethnicities	2	25	9	4			101	4	0	0	21	2	1	2	186	3
		Unknown	0	0	31	12			117	4	1	3	125	13	0	0	351	5
		Total	8	100	250	100			2,636	100	30	100	941	100	58	100	6,412	100
Institution-reported:	IRclass	Freshman/First-Year	8	100	260	100			3,041	100	0	0	0	0	0	0	0	0
Class level		Sophomore	0	0	0	0			0	0	0	0	0	0	0	0	0	0
		Junior	0	0	0	0			0	0	0	0	0	0	0	0	0	0
		Senior	0	0	0	0			0	0	30	100	968	100	58	100	7,356	100
		Other	0	0	0	0			0	0	0	0	0	0	0	0	0	0
		Total	8	100	260	100			3,041	100	30	100	968	100	58	100	7,356	100
Institution-reported:	IRftfy	Not first-time first-year	3	38	63	24			507	17	30	100	967	100	58	100	7,297	99
First-time first-year (FTFY) student		First-time first-year	5	63	197	76			2,534	83	0	0	1	0	0	0	59	1
		Total	8	100	260	100			3,041	100	30	100	968	100	58	100	7,356	100
Institution-reported:	IRenrollment	Not full-time	0	0	24	9			252	8	6	20	259	27	30	52	1,950	27
Enrollment status		Full-time	8	100	236	91			2,789	92	24	80	709	73	28	48	5,406	73
		Total	8	100	260	100			3,041	100	30	100	968	100	58	100	7,356	100

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. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.
 $*p < .05$, $**p < .01$, $***p < .001$ (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.