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# Tennessee Technological University

## NSSE 2020 Major Field Report, Part II

### Comparisons to Other Institutions

### Interdisc. Studies

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

*The Major Field Report group 'Interdisc. Studies' includes the following majors: Broadcast communications; Communications (general); Environmental science/studies; Healthcare administration and policy; Journalism; Mass communications and media studies; Multi, Interdisciplinary studies; Natural resources and conservation; Occupational safety and health; Other communications; Professional studies (general); Public relations and advertising; Public safety and emergency management; Speech; 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 report.

### Sample

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

Frequencies will be reported for related-major groups that have at least 5 respondents, but NSSE requires a group to have at least 20 respondents for statistical comparisons (e.g., means and t-tests). 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<sup>a</sup> for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

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

Theme	Engagement Indicator	First-Year Students in Interdisc. Studies			Seniors in Interdisc. Studies		
		Your first-year students compared with Southeast Public	Your first-year students compared with Carnegie Class	Your first-year students compared with NSSE 2019 & 2020	Your seniors compared with Southeast Public	Your seniors compared with Carnegie Class	Your seniors compared with NSSE 2019 & 2020
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	--	--	--	--	--	--

## First-year students<sup>a</sup> in Interdisc. Studies

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Tennessee Tech (N = 23)	37.4	13.0	2.72	20	30	35	40	60				
Southeast Public	38.4	13.3	.31	15	30	40	45	60	1,903	-1.0		-.076
Carnegie Class	38.5	12.5	.28	20	30	40	45	60	2,088	-1.1		-.089
NSSE 2019 & 2020	38.7	12.8	.12	20	30	40	45	60	12,033	-1.3		-.105
<b>Reflective &amp; Integrative Learning</b>												
Tennessee Tech (N = 23)	36.8	13.2	2.76	20	26	40	49	54				
Southeast Public	36.9	11.9	.27	17	29	37	46	57	1,934	-.2		-.015
Carnegie Class	38.0	11.3	.25	20	31	37	46	57	2,107	-1.2		-.107
NSSE 2019 & 2020	37.6	11.6	.11	20	29	37	46	57	12,182	-.8		-.071
<b>Learning Strategies</b>												
Tennessee Tech (N = 23)	35.9	16.8	3.50	13	20	33	53	60				
Southeast Public	39.8	13.4	.31	20	33	40	53	60	22	-3.8		-.284
Carnegie Class	38.1	13.6	.30	20	27	40	47	60	22	-2.1		-.155
NSSE 2019 & 2020	38.7	13.6	.12	20	27	40	47	60	22	-2.8		-.205
<b>Quantitative Reasoning</b>												
Tennessee Tech (N = 23)	32.8	17.5	3.65	7	20	33	40	60				
Southeast Public	27.0	15.9	.37	0	17	27	40	60	1,905	5.7		.361
Carnegie Class	26.3	15.1	.33	0	20	27	40	53	2,080	6.5	*	.429
NSSE 2019 & 2020	26.8	15.3	.14	0	20	27	40	60	12,027	6.0		.393
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Tennessee Tech (N = 23)	33.3	13.9	2.89	10	20	30	45	50				
Southeast Public	32.2	13.6	.31	10	20	30	40	55	1,923	1.1		.080
Carnegie Class	33.0	13.6	.30	10	25	35	40	60	2,102	.3		.021
NSSE 2019 & 2020	31.7	14.1	.13	10	20	30	40	55	12,111	1.5		.109
<b>Discussions with Diverse Others</b>												
Tennessee Tech (N = 23)	37.2	17.0	3.54	15	20	40	45	60				
Southeast Public	41.4	15.1	.35	20	30	40	55	60	1,921	-4.2		-.281
Carnegie Class	39.9	14.2	.31	15	30	40	50	60	2,090	-2.7		-.193
NSSE 2019 & 2020	40.2	14.8	.14	15	30	40	55	60	12,071	-3.1		-.206

### First-year students<sup>a</sup> in Interdisc. Studies

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
Tennessee Tech (N = 23)	25.0	18.1	3.77	5	10	20	40	60				
Southeast Public	22.7	15.1	.35	0	10	20	30	55	1,915	2.3		.150
Carnegie Class	21.4	14.2	.31	0	10	20	30	50	2,083	3.6		.251
NSSE 2019 & 2020	22.2	14.6	.13	0	10	20	30	50	12,053	2.8		.188
<b>Effective Teaching Practices</b>												
Tennessee Tech (N = 23)	37.0	15.3	3.18	20	24	40	44	60				
Southeast Public	38.5	13.0	.30	16	30	40	48	60	1,928	-1.4		-.110
Carnegie Class	38.2	12.2	.27	20	28	40	48	60	2,099	-1.2		-.098
NSSE 2019 & 2020	38.9	12.7	.12	20	32	40	48	60	12,154	-1.9		-.148
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
Tennessee Tech (N = 22)	43.3	15.9	3.39	10	40	48	54	60				
Southeast Public	42.6	11.6	.27	20	36	44	50	60	1,871	.7		.057
Carnegie Class	42.6	11.2	.25	22	36	44	50	60	2,020	.8		.067
NSSE 2019 & 2020	43.4	11.2	.10	22	38	44	52	60	11,639	-.1		-.010
<b>Supportive Environment</b>												
Tennessee Tech (N = 22)	36.1	16.9	3.61	3	28	40	45	60				
Southeast Public	37.3	13.4	.31	15	28	38	48	60	1,924	-1.2		-.087
Carnegie Class	35.7	13.0	.29	15	28	35	45	60	2,094	.5		.037
NSSE 2019 & 2020	36.1	13.1	.12	15	28	38	45	60	12,112	.0		-.001

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

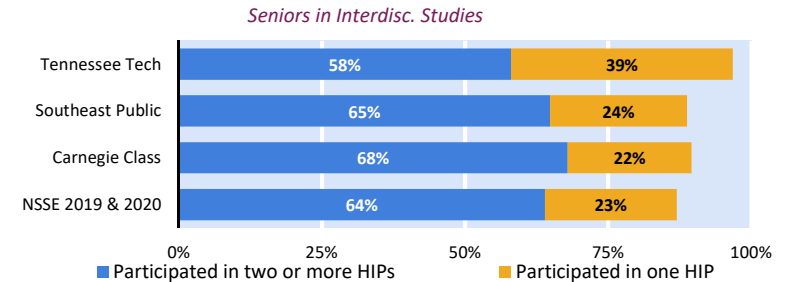
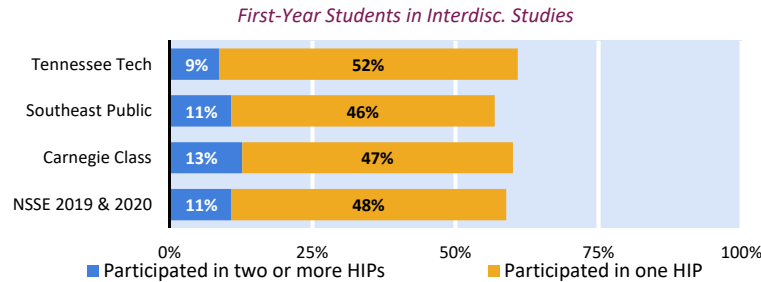
	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Academic Challenge</b>												
<b>Higher-Order Learning</b>												
Tennessee Tech (N = 31)	41.0	12.1	2.17	20	35	40	50	60				
Southeast Public	40.5	13.6	.24	20	30	40	50	60	3,357	.5		.034
Carnegie Class	40.1	13.5	.26	20	30	40	50	60	2,733	.8		.061
NSSE 2019 & 2020	40.7	13.2	.09	20	30	40	50	60	20,031	.2		.017
<b>Reflective &amp; Integrative Learning</b>												
Tennessee Tech (N = 31)	38.2	11.9	2.13	20	29	37	49	57				
Southeast Public	40.4	12.3	.21	20	31	40	51	60	3,394	-2.2		-.179
Carnegie Class	40.7	11.8	.23	20	31	40	51	60	2,758	-2.6		-.218
NSSE 2019 & 2020	40.5	11.9	.08	20	31	40	49	60	20,228	-2.3		-.197
<b>Learning Strategies</b>												
Tennessee Tech (N = 30)	41.3	12.4	2.27	20	33	40	53	60				
Southeast Public	39.8	14.6	.25	13	27	40	53	60	3,360	1.5		.102
Carnegie Class	37.4	14.6	.28	13	27	40	47	60	2,739	3.9		.267
NSSE 2019 & 2020	38.8	14.5	.10	13	27	40	53	60	20,074	2.6		.178
<b>Quantitative Reasoning</b>												
Tennessee Tech (N = 31)	30.5	13.4	2.41	13	20	27	40	60				
Southeast Public	28.6	16.5	.29	0	20	27	40	60	3,352	1.9		.116
Carnegie Class	28.2	16.5	.32	0	20	27	40	60	2,730	2.3		.139
NSSE 2019 & 2020	28.5	16.3	.12	0	20	27	40	60	20,000	2.1		.127
<b>Learning with Peers</b>												
<b>Collaborative Learning</b>												
Tennessee Tech (N = 31)	31.1	13.1	2.35	5	20	35	40	55				
Southeast Public	31.9	14.8	.26	5	20	30	40	60	3,374	-.7		-.050
Carnegie Class	31.9	14.6	.28	5	20	30	40	60	2,740	-.8		-.052
NSSE 2019 & 2020	29.9	15.5	.11	0	20	30	40	60	20,146	1.2		.079
<b>Discussions with Diverse Others</b>												
Tennessee Tech (N = 31)	37.9	16.3	2.93	5	30	40	45	60				
Southeast Public	41.8	15.5	.27	15	30	40	60	60	3,357	-3.9		-.249
Carnegie Class	39.9	14.9	.29	15	30	40	55	60	2,731	-2.0		-.137
NSSE 2019 & 2020	40.4	15.6	.11	15	30	40	55	60	20,036	-2.5		-.158

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

	Mean statistics			Percentile <sup>d</sup> scores					Comparison results			
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
<b>Experiences with Faculty</b>												
<b>Student-Faculty Interaction</b>												
Tennessee Tech (N = 31)	27.1	15.3	2.75	5	15	25	40	50				
Southeast Public	25.5	16.4	.29	0	15	25	35	60	3,338	1.6		.096
Carnegie Class	25.2	16.1	.31	0	15	25	35	60	2,734	1.9		.121
NSSE 2019 & 2020	24.5	16.2	.11	0	10	20	35	60	20,013	2.6		.159
<b>Effective Teaching Practices</b>												
Tennessee Tech (N = 31)	37.5	14.8	2.67	4	28	36	48	60				
Southeast Public	40.6	14.0	.24	16	32	40	52	60	3,388	-3.0		-.218
Carnegie Class	40.1	13.4	.26	16	32	40	52	60	2,757	-2.6		-.193
NSSE 2019 & 2020	40.9	13.5	.09	20	32	40	52	60	20,230	-3.3		-.247
<b>Campus Environment</b>												
<b>Quality of Interactions</b>												
Tennessee Tech (N = 30)	45.9	11.3	2.06	22	40	48	54	60				
Southeast Public	43.1	12.1	.21	22	36	44	52	60	3,187	2.8		.230
Carnegie Class	42.3	11.9	.23	20	35	44	52	60	2,605	3.6		.301
NSSE 2019 & 2020	44.0	11.7	.09	22	36	45	52	60	18,946	1.9		.162
<b>Supportive Environment</b>												
Tennessee Tech (N = 31)	29.3	17.9	3.21	3	13	29	43	60				
Southeast Public	34.3	14.2	.24	10	25	35	45	60	30	-5.0		-.351
Carnegie Class	32.3	13.9	.27	10	23	33	43	58	30	-3.0		-.213
NSSE 2019 & 2020	32.7	14.1	.10	10	23	33	43	60	30	-3.4		-.242

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

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.

	Tennessee Tech	Your students' participation compared with:					
		Southeast Public	ES <sup>j</sup>	Carnegie Class	ES <sup>j</sup>	NSSE 2019 & 2020	ES <sup>j</sup>
	%	Difference <sup>i</sup>		Difference <sup>i</sup>		Difference <sup>i</sup>	
<i>First-Year Students in Interdisc. Studies</i>							
12. Service-Learning	64	+13	.27	+12	.25	+11	.22
11c. Learning Community	4	-11	-.38	-14	-.46	-10	-.34
11e. Research with Faculty	9	+4	.19	+4	.16	+4	.17
<b>Participated in at least one</b>	61	+4	.08	+1	.02	+2	.04
<b>Participated in two or more</b>	9	-2	-.07	-4	-.13	-2	-.07
<i>Seniors in Interdisc. Studies</i>							
12. Service-Learning	71	+4	.08	+6	.12	+6	.12
11c. Learning Community	39	+16	* .35	+13	.29	+17	* .36
11e. Research with Faculty	10	-11	-.31	-14	-.38	-11	-.32
11a. Internship or Field Exp.	45	-7	-.14	-11	-.22	-7	-.14
11d. Study Abroad	0	-14	* -.75	-22	** -.96	-17	* -.86
11f. Culminating Senior Exp.	52	+0	.00	-3	-.05	+1	.01
<b>Participated in at least one</b>	97	+8	.32	+7	.30	+10	.38
<b>Participated in two or more</b>	58	-7	-.14	-10	-.21	-6	-.12



# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech				NSSE 2019 & 2020				Your first-year students compared with							
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>1. During the current school year, about how often have you done the following?</b>																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	48	3	49	2	267	2	<b>3.0</b>	2.9	.11	2.9	.08	2.9	.04	
		2	Sometimes	8	35	676	35	725	35	3,925	32								
		3	Often	8	35	681	36	732	35	4,431	36								
		4	Very often	7	30	511	27	587	28	3,539	29								
		Total		23	100	1,916	100	2,093	100	12,162	100								
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	0	0	109	6	114	5	597	5	<b>3.3</b>	3.0	.37	3.0	.40	3.1	.33	
		2	Often	2	9	238	12	243	12	1,426	12								
		3	Sometimes	12	52	1,081	56	1,260	60	6,859	56								
		4	Never	9	39	493	26	478	23	3,295	27								
		Total		23	100	1,921	100	2,095	100	12,177	100								
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	9	39	656	34	607	29	4,051	33	<b>2.0</b>	2.0	.03	2.1	-.10	2.0	-.03	
		2	Sometimes	8	35	800	42	873	42	4,806	40								
		3	Often	3	13	311	16	424	20	2,199	18								
		4	Very often	3	13	149	8	188	9	1,101	9								
		Total		23	100	1,916	100	2,092	100	12,157	100								
d. Asked another student to help you understand course material	CLaskhelp	1	Never	2	9	169	9	165	8	1,240	10	<b>2.4</b>	2.6	-.18	2.6	-.22	2.6	-.14	
		2	Sometimes	11	48	750	39	813	39	4,788	39								
		3	Often	8	35	693	36	768	37	4,255	35								
		4	Very often	2	9	304	16	347	17	1,883	15								
		Total		23	100	1,916	100	2,093	100	12,166	100								
e. Explained course material to one or more students	CLexplain	1	Never	3	13	101	5	82	4	834	7	<b>2.7</b>	2.7	.10	2.7	.05	2.6	.13	
		2	Sometimes	6	26	731	38	816	39	4,668	38								
		3	Often	8	35	805	42	843	40	4,789	39								
		4	Very often	6	26	284	15	354	17	1,898	16								
		Total		23	100	1,921	100	2,095	100	12,189	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

## First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	2	9	298	16	291	14	1,957	16	<b>2.7</b>	2.5	.12	2.6	.10	2.5	.16	
		2	Sometimes	9	39	644	34	728	35	4,259	35								
		3	Often	7	30	624	32	683	33	3,912	32								
		4	Very often	5	22	356	19	392	19	2,046	17								
		Total		23	100	1,922	100	2,094	100	12,174	100								
g. Worked with other students on course projects or assignments	CLproject	1	Never	2	9	142	7	105	5	1,039	9	<b>2.8</b>	2.6	.21	2.7	.13	2.7	.20	
		2	Sometimes	7	30	733	38	754	36	4,339	36								
		3	Often	7	30	710	37	862	41	4,624	38								
		4	Very often	7	30	334	17	374	18	2,170	18								
		Total		23	100	1,919	100	2,095	100	12,172	100								
h. Given a course presentation	present	1	Never	3	13	333	17	258	12	1,870	15	<b>2.6</b>	2.4	.17	2.5	.11	2.4	.14	
		2	Sometimes	9	39	753	39	882	42	4,863	40								
		3	Often	6	26	560	29	671	32	3,669	30								
		4	Very often	5	22	273	14	282	13	1,776	15								
		Total		23	100	1,919	100	2,093	100	12,178	100								
<b>2. During the current school year, about how often have you done the following?</b>																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	3	13	150	8	100	5	806	7	<b>2.6</b>	2.7	-.10	2.7	-.21	2.7	-.15	
		2	Sometimes	8	35	687	36	727	35	4,311	35								
		3	Often	8	35	759	40	888	42	4,863	40								
		4	Very often	4	17	323	17	376	18	2,182	18								
		Total		23	100	1,919	100	2,091	100	12,162	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	1	4	152	8	115	6	766	6	<b>2.7</b>	2.7	-.01	2.8	-.12	2.8	-.09	
		2	Sometimes	8	35	626	33	647	31	3,836	32								
		3	Often	11	48	777	41	863	41	4,893	40								
		4	Very often	3	13	359	19	460	22	2,659	22								
		Total		23	100	1,914	100	2,085	100	12,154	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	1	4	159	8	126	6	851	7	<b>2.6</b>	2.7	-.19	2.8	-.27	2.8	-.23	
		2	Sometimes	11	48	608	32	651	31	3,883	32								
		3	Often	8	35	731	38	839	40	4,699	39								
		4	Very often	3	13	420	22	475	23	2,733	22								
		Total		23	100	1,918	100	2,091	100	12,166	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

Item wording or description				Variable name <sup>l</sup>				Frequency Distributions				Statistical Comparisons <sup>k</sup>												
								Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		
								Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue				RIownview				1	Never	1	4	80	4	62	3	406	3	3.0	2.8	.24	2.9	.21	2.9	.23
								2	Sometimes	6	26	551	29	568	27	3,429	28							
								3	Often	7	30	868	45	1,016	49	5,736	47							
								4	Very often	9	39	418	22	440	21	2,587	21							
								Total		23	100	1,917	100	2,086	100	12,158	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective				RIperspect				1	Never	1	4	48	3	28	1	216	2	3.1	3.0	.10	3.0	.08	3.0	.10
								2	Sometimes	4	17	421	22	455	22	2,714	22							
								3	Often	10	43	906	47	1,033	50	5,904	49							
								4	Very often	8	35	539	28	567	27	3,314	27							
								Total		23	100	1,914	100	2,083	100	12,148	100							
f. Learned something that changed the way you understand an issue or concept				RInewview				1	Never	0	0	48	3	42	2	245	2	2.9	2.9	.02	2.9	-.04	2.9	-.03
								2	Sometimes	8	35	549	29	546	26	3,231	27							
								3	Often	9	39	862	45	981	47	5,700	47							
								4	Very often	6	26	453	24	513	25	2,973	24							
								Total		23	100	1,912	100	2,082	100	12,149	100							
g. Connected ideas from your courses to your prior experiences and knowledge				RIconnect				1	Never	0	0	18	1	16	1	105	1	3.0	3.1	-.11	3.1	-.16	3.1	-.15
								2	Sometimes	5	22	372	19	355	17	2,172	18							
								3	Often	13	57	953	50	1,095	53	6,143	51							
								4	Very often	5	22	566	30	617	30	3,706	31							
								Total		23	100	1,909	100	2,083	100	12,126	100							
<b>3. During the current school year, about how often have you done the following?</b>																								
a. Talked about career plans with a faculty member				SFcareer				1	Never	4	17	307	16	369	18	2,091	17	2.4	2.4	.01	2.3	.12	2.4	.07
								2	Sometimes	9	39	790	41	954	46	5,278	43							
								3	Often	6	26	507	26	475	23	2,967	24							
								4	Very often	4	17	311	16	287	14	1,816	15							
								Total		23	100	1,915	100	2,085	100	12,152	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)				SFotherwork				1	Never	10	43	858	45	958	46	5,372	44	2.0	1.9	.13	1.8	.19	1.9	.13
								2	Sometimes	6	26	594	31	688	33	3,914	32							
								3	Often	4	17	298	16	292	14	1,892	16							
								4	Very often	3	13	164	9	148	7	966	8							
								Total		23	100	1,914	100	2,086	100	12,144	100							

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	5	22	589	31	612	29	3,628	30	2.3	2.0	.33	2.0	.36	2.1	.33	
		2	Sometimes	10	43	799	42	938	45	5,179	43								
		3	Often	3	13	354	19	372	18	2,341	19								
		4	Very often	5	22	163	9	155	7	971	8								
		Total		23	100	1,905	100	2,077	100	12,119	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	7	30	431	23	527	25	2,890	24	2.2	2.2	.02	2.1	.13	2.2	.07	
		2	Sometimes	7	30	857	45	969	47	5,512	45								
		3	Often	6	26	439	23	425	20	2,657	22								
		4	Very often	3	13	184	10	159	8	1,080	9								
		Total		23	100	1,911	100	2,080	100	12,139	100								
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																			
a. Memorizing course material	memorize	1	Very little	0	0	55	3	87	4	496	4	3.2	3.0	.30	2.9	.40	2.9 *	.43	
		2	Some	2	9	428	22	543	26	3,311	27								
		3	Quite a bit	14	61	925	48	954	46	5,634	46								
		4	Very much	7	30	503	26	500	24	2,715	22								
		Total		23	100	1,911	100	2,084	100	12,156	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	82	4	80	4	444	4	2.7	2.9	-.17	2.9	-.17	2.9	-.17	
		2	Some	10	43	511	27	535	26	3,217	27								
		3	Quite a bit	9	39	875	46	1,032	50	5,889	49								
		4	Very much	4	17	437	23	433	21	2,580	21								
		Total		23	100	1,905	100	2,080	100	12,130	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	88	5	74	4	414	3	2.8	2.9	-.08	2.9	-.11	2.9	-.12	
		2	Some	8	35	483	25	538	26	3,111	26								
		3	Quite a bit	11	48	880	46	963	46	5,601	46								
		4	Very much	4	17	455	24	505	24	2,995	25								
		Total		23	100	1,906	100	2,080	100	12,121	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	0	0	56	3	60	3	314	3	3.0	3.0	-.03	3.0	-.02	3.0	-.05	
		2	Some	6	26	454	24	478	23	2,689	22								
		3	Quite a bit	12	52	874	46	1,005	48	5,846	48								
		4	Very much	5	22	521	27	540	26	3,271	27								
		Total		23	100	1,905	100	2,083	100	12,120	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	0	0	70	4	66	3	396	3	<b>3.0</b>	2.9	.03	2.9	.02	3.0	.01	
		2	Some	6	26	480	25	506	24	2,895	24								
		3	Quite a bit	12	52	861	45	996	48	5,737	47								
		4	Very much	5	22	498	26	513	25	3,103	26								
		Total	23	100	1,909	100	2,081	100	12,131	100									
<b>5. During the current school year, to what extent have your instructors done the following?</b>																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	4	46	2	27	1	197	2	<b>3.0</b>	3.1	-.04	3.1	-.05	3.1	-.06	
		2	Some	5	22	356	19	405	19	2,357	19								
		3	Quite a bit	9	39	919	48	1,027	49	5,778	48								
		4	Very much	8	35	584	31	622	30	3,802	31								
		Total	23	100	1,905	100	2,081	100	12,134	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	9	79	4	69	3	421	3	<b>2.8</b>	3.0	-.24	3.0	-.24	3.0	-.27	
		2	Some	5	22	426	22	460	22	2,592	21								
		3	Quite a bit	12	52	855	45	1,007	49	5,650	47								
		4	Very much	4	17	540	28	539	26	3,448	28								
		Total	23	100	1,900	100	2,075	100	12,111	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	4	72	4	60	3	406	3	<b>3.0</b>	3.0	-.03	3.0	-.01	3.0	-.03	
		2	Some	3	13	396	21	468	23	2,603	21								
		3	Quite a bit	14	61	854	45	945	45	5,353	44								
		4	Very much	5	22	580	30	604	29	3,748	31								
		Total	23	100	1,902	100	2,077	100	12,110	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	3	13	120	6	115	6	752	6	<b>2.9</b>	2.9	.01	2.8	.06	2.9	.00	
		2	Some	3	13	555	29	638	31	3,413	28								
		3	Quite a bit	11	48	708	37	832	40	4,602	38								
		4	Very much	6	26	525	28	491	24	3,349	28								
		Total	23	100	1,908	100	2,076	100	12,116	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	17	191	10	173	8	967	8	<b>2.6</b>	2.7	-.14	2.7	-.14	2.7	-.20	
		2	Some	7	30	609	32	700	34	3,788	31								
		3	Quite a bit	7	30	699	37	819	39	4,723	39								
		4	Very much	5	22	407	21	387	19	2,647	22								
		Total	23	100	1,906	100	2,079	100	12,125	100									

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	1	4	268	14	316	15	1,719	14	2.7	2.5	.31	2.4	.38	2.4	.35	
		2	Sometimes	10	43	722	38	827	40	4,861	40								
		3	Often	6	26	671	35	698	34	4,102	34								
		4	Very often	6	26	243	13	233	11	1,426	12								
		Total		23	100	1,904	100	2,074	100	12,108	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	2	9	411	22	422	20	2,339	19	2.6	2.3	.28	2.3	.32	2.3	.28	
		2	Sometimes	10	43	711	37	869	42	4,966	41								
		3	Often	7	30	563	30	577	28	3,488	29								
		4	Very often	4	17	216	11	209	10	1,310	11								
		Total		23	100	1,901	100	2,077	100	12,103	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	4	17	397	21	403	19	2,361	20	2.6	2.3	.35	2.3	.40	2.3	.38	
		2	Sometimes	6	26	756	40	902	44	5,169	43								
		3	Often	8	35	551	29	586	28	3,432	28								
		4	Very often	5	22	195	10	180	9	1,118	9								
		Total		23	100	1,899	100	2,071	100	12,080	100								
<b>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.)</b>																			
a. Up to 5 pages	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	1	4	128	7	104	5	549	5	7.4	6.4	.18	7.5	-.01	7.3	.03	
		1.5	1-2	5	22	390	20	346	17	2,054	17								
		4	3-5	7	30	616	32	652	31	3,851	32								
		8	6-10	4	17	428	22	475	23	2,891	24								
		13	11-15	3	13	189	10	226	11	1,389	11								
		18	16-20	1	4	80	4	132	6	678	6								
		23	More than 20	2	9	79	4	142	7	698	6								
Total		23	100	1,910	100	2,077	100	12,110	100										
b. Between 6 and 10 pages	wrmednum <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	9	39	736	39	629	30	3,789	31	1.8	2.2	-.10	2.5	-.19	2.5	-.19	
		1.5	1-2	9	39	672	35	825	40	4,599	38								
		4	3-5	4	17	311	16	395	19	2,366	20								
		8	6-10	0	0	135	7	162	8	937	8								
		13	11-15	1	4	30	2	37	2	255	2								
		18	16-20	0	0	10	1	16	1	71	1								
		23	More than 20	0	0	11	1	13	1	73	1								
Total		23	100	1,905	100	2,077	100	12,090	100										

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions						Statistical Comparisons <sup>k</sup>									
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Your first-year students compared with															
c. 11 pages or more	wrlongnum	0	None	19	86	1,488	78	1,545	74	9,070	75	<b>.6</b>	.9	-.11	.9	-.11	.9	-.11	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	1	5	266	14	365	18	2,064	17								
	4	3-5	1	5	68	4	95	5	472	4									
	8	6-10	1	5	37	2	34	2	214	2									
	13	11-15	0	0	28	1	22	1	159	1									
	18	16-20	0	0	12	1	7	0	50	0									
	23	More than 20	0	0	10	1	11	1	70	1									
	Total			22	100	1,909	100	2,079	100	12,099	100								
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																
				<b>45.6</b>		50.4	-.07	55.7	-.14	55.3	-.14								
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	1	4	77	4	77	4	474	4	<b>2.8</b>	3.1	-.35	3.1	-.27	3.1	-.30	
		2	Sometimes	8	35	409	21	513	25	2,804	23								
		3	Often	8	35	609	32	689	33	3,955	33								
		4	Very often	6	26	817	43	799	38	4,895	40								
			Total	23	100	1,912	100	2,078	100	12,128	100								
b. People from an economic background other than your own	DDeconomic	1	Never	1	4	68	4	65	3	445	4	<b>3.0</b>	3.1	-.19	3.1	-.16	3.1	-.15	
		2	Sometimes	5	22	394	21	451	22	2,648	22								
		3	Often	11	48	692	36	795	38	4,465	37								
		4	Very often	6	26	752	39	766	37	4,554	38								
			Total	23	100	1,906	100	2,077	100	12,112	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	3	13	88	5	128	6	702	6	<b>2.7</b>	3.0	-.33	3.0	-.23	3.0	-.26	
		2	Sometimes	5	22	478	25	558	27	3,177	26								
		3	Often	10	43	628	33	676	33	3,955	33								
		4	Very often	5	22	716	37	714	34	4,284	35								
			Total	23	100	1,910	100	2,076	100	12,118	100								
d. People with political views other than your own	DDpolitical	1	Never	2	9	95	5	102	5	770	6	<b>2.9</b>	3.0	-.10	2.9	.04	2.9	.03	
		2	Sometimes	5	22	487	26	678	33	3,630	30								
		3	Often	9	39	645	34	672	32	3,924	32								
		4	Very often	7	30	682	36	628	30	3,804	31								
			Total	23	100	1,909	100	2,080	100	12,128	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech				NSSE 2019 & 2020				Your first-year students compared with						
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>9. During the current school year, about how often have you done the following?</b>																		
a. Identified key information from reading assignments	LSreading	1	Never	0	0	32	2	34	2	176	1	3.0	3.1	-.10	3.0	-.07	3.1	-.10
		2	Sometimes	8	35	371	19	442	21	2,376	20							
		3	Often	7	30	921	48	986	48	5,900	49							
		4	Very often	8	35	580	30	613	30	3,657	30							
		Total		23	100	1,904	100	2,075	100	12,109	100							
b. Reviewed your notes after class	LSnotes	1	Never	4	17	72	4	109	5	546	5	2.6	3.0	-.44	2.9	-.30	2.9	-.33
		2	Sometimes	7	30	504	26	619	30	3,645	30							
		3	Often	6	26	703	37	770	37	4,423	37							
		4	Very often	6	26	627	33	580	28	3,495	29							
		Total		23	100	1,906	100	2,078	100	12,109	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	9	90	5	126	6	652	5	2.8	2.9	-.14	2.8	.00	2.8	-.06
		2	Sometimes	7	30	521	27	679	33	3,691	30							
		3	Often	8	35	783	41	792	38	4,803	40							
		4	Very often	6	26	513	27	479	23	2,980	25							
		Total		23	100	1,907	100	2,076	100	12,126	100							
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																		
challenge		1	Not at all	1	4	14	1	13	1	85	1	5.3	5.4	-.08	5.4	-.09	5.4	-.11
		2		0	0	17	1	19	1	112	1							
		3		3	13	94	5	78	4	506	4							
		4		3	13	257	14	277	13	1,611	13							
		5		3	13	674	35	761	37	4,212	35							
		6		7	30	461	24	534	26	3,138	26							
		7	Very much	6	26	383	20	386	19	2,432	20							
		Total		23	100	1,900	100	2,068	100	12,096	100							
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		2	9	218	11	197	9	1,427	12	4%	7%	-.13	9%	-.18	8%	-.15
		Do not plan to do		3	13	83	4	71	3	623	5							
		Plan to do		17	74	1,466	77	1,623	78	9,127	75							
		Done or in progress		1	4	142	7	184	9	949	8							
		Total		23	100	1,909	100	2,075	100	12,126	100							



# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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

### First-Year Students<sup>a</sup> in Interdisc. Studies

			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	8	36	490	26	506	24	3,080	25	<b>5%</b>	13%	-.30	13%	-.30	14%	-.33
			Do not plan to do	8	36	373	20	419	20	2,508	21							
			Plan to do	5	23	800	42	887	43	4,868	40							
			Done or in progress	1	5	239	13	262	13	1,654	14							
			Total	22	100	1,902	100	2,074	100	12,110	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	7	30	563	30	614	30	3,958	33	<b>4%</b>	15%	-.38	18%	-.46	14%	-.34
			Do not plan to do	8	35	555	29	568	27	3,311	27							
			Plan to do	7	30	499	26	515	25	3,150	26							
			Done or in progress	1	4	286	15	376	18	1,684	14							
			Total	23	100	1,903	100	2,073	100	12,103	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	7	32	522	27	482	23	3,077	25	<b>5%</b>	4%	.04	4%	.05	3%	.07
			Do not plan to do	10	45	414	22	382	18	2,649	22							
			Plan to do	4	18	894	47	1,134	55	5,986	49							
			Done or in progress	1	5	71	4	73	4	392	3							
			Total	22	100	1,901	100	2,071	100	12,104	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	6	26	724	38	806	39	4,739	39	<b>9%</b>	4%	.19	5%	.16	5%	.17
			Do not plan to do	6	26	538	28	470	23	3,001	25							
			Plan to do	9	39	559	29	698	34	3,814	32							
			Done or in progress	2	9	80	4	98	5	549	5							
			Total	23	100	1,901	100	2,072	100	12,103	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	4	18	619	33	598	29	3,714	31	<b>5%</b>	2%	.12	2%	.17	2%	.16
			Do not plan to do	3	14	203	11	173	8	1,118	9							
			Plan to do	14	64	1,029	54	1,268	61	7,050	58							
			Done or in progress	1	5	45	2	36	2	225	2							
			Total	22	100	1,896	100	2,075	100	12,107	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	8	36	945	50	1,009	49	5,707	47	<b>1.8</b>	1.6	.24	1.6	.25	1.6	.20
			2 Some	12	55	786	41	901	43	5,276	44							
			3 Most	1	5	137	7	143	7	911	8							
			4 All	1	5	29	2	22	1	198	2							
			Total	22	100	1,897	100	2,075	100	12,092	100							

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

Item wording or description				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	1	4	27	1	24	1	152	1	<b>5.1</b>	5.4	-.24	5.4	-.23	5.5	-.26	
		2		1	4	25	1	39	2	225	2								
		3		1	4	89	5	94	5	520	4								
		4		3	13	237	12	256	12	1,449	12								
		5		5	22	550	29	579	28	3,296	27								
		6		9	39	496	26	591	28	3,219	27								
	7	Excellent	3	13	471	25	480	23	3,068	25									
	—	Not applicable	0	0	12	1	13	1	197	2									
		Total		23	100	1,907	100	2,076	100	12,126	100								
b. Academic advisors	QIadvisor	1	Poor	2	9	62	3	58	3	289	2	<b>5.0</b>	5.4	-.22	5.3	-.18	5.4	-.27	
		2		1	4	71	4	86	4	414	3								
		3		1	4	134	7	138	7	762	6								
		4		3	13	216	11	264	13	1,495	12								
		5		6	26	384	20	443	21	2,422	20								
		6		4	17	410	22	444	21	2,679	22								
	7	Excellent	6	26	609	32	591	28	3,836	32									
	—	Not applicable	0	0	18	1	50	2	218	2									
		Total		23	100	1,904	100	2,074	100	12,115	100								
c. Faculty	QIfaculty	1	Poor	2	9	24	1	17	1	122	1	<b>5.4</b>	5.4	-.01	5.4	-.05	5.5	-.09	
		2		0	0	43	2	40	2	228	2								
		3		0	0	89	5	97	5	533	4								
		4		2	9	239	13	251	12	1,398	12								
		5		7	32	533	28	578	28	3,143	26								
		6		4	18	564	30	646	31	3,716	31								
	7	Excellent	7	32	398	21	434	21	2,863	24									
	—	Not applicable	0	0	16	1	12	1	114	1									
		Total		22	100	1,906	100	2,075	100	12,117	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Your first-year students compared with							
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	2	9	60	3	62	3	322	3	<b>5.2</b>	5.1	.02	5.1	.01	5.2	-.03	
		2		2	9	80	4	72	3	387	3								
		3		0	0	113	6	136	7	747	6								
		4		0	0	272	14	317	15	1,667	14								
		5		3	13	432	23	479	23	2,732	23								
		6		7	30	416	22	420	20	2,625	22								
		7	Excellent	5	22	396	21	449	22	2,591	21								
		—	Not applicable	4	17	137	7	140	7	1,047	9								
Total				23	100	1,906	100	2,075	100	12,118	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	1	4	79	4	70	3	340	3	<b>5.6</b>	5.0	.39	5.0	.40	5.1	.31	
		2		1	4	80	4	83	4	436	4								
		3		1	4	147	8	173	8	861	7								
		4		1	4	276	14	328	16	1,781	15								
		5		3	13	452	24	455	22	2,711	22								
		6		8	35	385	20	429	21	2,561	21								
		7	Excellent	8	35	350	18	359	17	2,545	21								
		—	Not applicable	0	0	136	7	175	8	888	7								
Total				23	100	1,905	100	2,072	100	12,123	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	4	32	2	30	1	182	2	<b>3.0</b>	3.0	.04	3.0	.05	3.0	.02	
		2	Some	4	17	416	22	472	23	2,609	22								
		3	Quite a bit	11	48	950	50	1,021	49	6,036	50								
		4	Very much	7	30	509	27	546	26	3,278	27								
		Total				23	100	1,907	100	2,069	100								12,105
b. Providing support to help students succeed academically	SEacademic	1	Very little	4	18	63	3	78	4	419	3	<b>2.9</b>	3.0	-.16	3.0	-.10	3.0	-.15	
		2	Some	1	5	417	22	457	22	2,588	21								
		3	Quite a bit	10	45	801	42	953	46	5,252	43								
		4	Very much	7	32	620	33	588	28	3,836	32								
		Total				22	100	1,901	100	2,076	100								12,095
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	4	17	100	5	125	6	652	5	<b>2.9</b>	3.1	-.25	3.0	-.19	3.1	-.24	
		2	Some	3	13	352	18	415	20	2,246	19								
		3	Quite a bit	8	35	725	38	791	38	4,663	39								
		4	Very much	8	35	728	38	739	36	4,538	38								
		Total				23	100	1,905	100	2,070	100								12,099

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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

### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Southeast Public		Carnegie Class		NSSE 2019 & 2020	
													Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	3	13	187	10	244	12	1,286	11	<b>3.0</b>	2.8	.25	2.7	.35	2.8	.29
		2	Some	2	9	512	27	590	29	3,330	28							
		3	Quite a bit	9	39	684	36	752	36	4,328	36							
		4	Very much	9	39	517	27	484	23	3,142	26							
		Total		23	100	1,900	100	2,070	100	12,086	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	3	14	77	4	92	4	637	5	<b>2.8</b>	3.1	-.32	3.0	-.21	3.0	-.21
		2	Some	4	18	397	21	480	23	2,661	22							
		3	Quite a bit	9	41	706	37	847	41	4,806	40							
		4	Very much	6	27	724	38	651	31	3,977	33							
		Total		22	100	1,904	100	2,070	100	12,081	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	3	14	110	6	160	8	864	7	<b>3.0</b>	3.0	-.08	2.9	.05	2.9	.04
		2	Some	3	14	398	21	473	23	2,902	24							
		3	Quite a bit	8	36	732	38	831	40	4,686	39							
		4	Very much	8	36	665	35	609	29	3,634	30							
		Total		22	100	1,905	100	2,073	100	12,086	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	6	26	449	24	504	24	2,762	23	<b>2.4</b>	2.3	.09	2.3	.19	2.3	.13
		2	Some	5	22	647	34	789	38	4,429	37							
		3	Quite a bit	8	35	508	27	536	26	3,251	27							
		4	Very much	4	17	299	16	243	12	1,645	14							
		Total		23	100	1,903	100	2,072	100	12,087	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	4	17	115	6	145	7	1,137	9	<b>2.8</b>	3.0	-.17	2.9	-.03	2.8	.00
		2	Some	3	13	445	23	538	26	3,040	25							
		3	Quite a bit	9	39	704	37	858	41	4,642	38							
		4	Very much	7	30	634	33	529	26	3,251	27							
		Total		23	100	1,898	100	2,070	100	12,070	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	4	17	276	15	290	14	1,885	16	<b>2.4</b>	2.6	-.12	2.5	-.09	2.5	-.08
		2	Some	8	35	677	36	765	37	4,230	35							
		3	Quite a bit	8	35	576	30	680	33	3,931	32							
		4	Very much	3	13	374	20	340	16	2,050	17							
		Total		23	100	1,903	100	2,075	100	12,096	100							

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>																							
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		%		Count		%		Count		%		Count		%		Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>							
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>								
<b>15. To what extent do you agree or disagree with the following statements?</b>																																			
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	0	0	20	2	20	2	137	2	<b>3.4</b>																3.3	.11	3.3	.18	3.3	.17		
		2	Disagree	1	4	89	7	76	7	506	8																								
		3	Agree	12	52	644	50	567	53	3,450	52																								
		4	Strongly agree	10	43	535	42	406	38	2,603	39																								
			Total	23	100	1,288	100	1,069	100	6,696	100																								
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	1	4	42	3	36	3	218	3	<b>3.0</b>																3.0	.04	3.0	.11	3.0	.04		
		2	Disagree	4	17	218	17	201	19	1,122	17																								
		3	Agree	11	48	703	55	599	56	3,699	55																								
		4	Strongly agree	7	30	324	25	231	22	1,654	25																								
			Total	23	100	1,287	100	1,067	100	6,693	100																								
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	2	9	47	4	34	3	243	4	<b>3.0</b>																3.1	-.08	3.0	-.04	3.0	-.06		
		2	Disagree	3	13	205	16	171	16	1,077	16																								
		3	Agree	11	48	658	51	594	56	3,533	53																								
		4	Strongly agree	7	30	376	29	270	25	1,844	28																								
			Total	23	100	1,286	100	1,069	100	6,697	100																								
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	1	4	9	0	5	0	43	0	<b>11.6</b>																12.8	-.17	14.2	-.34	13.6	-.26		
		3	1-5 hrs	3	13	331	17	248	12	1,726	14																								
		6	6-10 hrs	6	26	487	26	462	22	3,011	25																								
		13	11-15 hrs	7	30	444	23	530	26	2,812	23																								
		18	16-20 hrs	4	17	343	18	444	21	2,381	20																								
		23	21-25 hrs	2	9	165	9	210	10	1,173	10																								
		28	26-30 hrs	0	0	66	3	99	5	534	4																								
		33	More than 30 hrs	0	0	59	3	73	4	412	3																								
			Total	23	100	1,904	100	2,071	100	12,092	100																								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	12	52	523	28	547	26	3,504	29	<b>2.7</b>																6.2 ***	-0.48	5.9 **	-0.46	6.0 ***	-0.46		
		3	1-5 hrs	7	30	655	34	747	36	4,052	34																								
		8	6-10 hrs	2	9	325	17	392	19	2,102	17																								
		13	11-15 hrs	2	9	181	10	193	9	1,124	9																								
		18	16-20 hrs	0	0	108	6	108	5	671	6																								
		23	21-25 hrs	0	0	60	3	33	2	307	3																								
		28	26-30 hrs	0	0	13	1	19	1	124	1																								
		33	More than 30 hrs	0	0	34	2	31	1	187	2																								
			Total	23	100	1,899	100	2,070	100	12,071	100																								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
c. Working for pay on campus	tmworkonhrs	0	0 hrs	18	78	1,534	81	1,523	74	9,064	75	<b>3.3</b>	2.3	.17	2.9	.06	2.7	.09
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	4	88	5	107	5	647	5							
	8	6-10 hrs	1	4	82	4	197	10	1,037	9								
	13	11-15 hrs	1	4	85	4	123	6	665	6								
	18	16-20 hrs	1	4	76	4	75	4	428	4								
	23	21-25 hrs	0	0	20	1	28	1	133	1								
	28	26-30 hrs	0	0	7	0	9	0	41	0								
	33	More than 30 hrs	1	4	10	1	9	0	70	1								
	Total		23	100	1,902	100	2,071	100	12,085	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	11	48	1,303	68	1,519	73	8,257	68	<b>10.5</b>	5.1	.58	4.0 *	.78	5.4	.53
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	9	98	5	96	5	613	5							
	8	6-10 hrs	0	0	110	6	107	5	641	5								
	13	11-15 hrs	2	9	78	4	91	4	595	5								
	18	16-20 hrs	2	9	120	6	111	5	650	5								
	23	21-25 hrs	2	9	84	4	67	3	475	4								
	28	26-30 hrs	1	4	47	2	31	1	229	2								
	33	More than 30 hrs	3	13	64	3	49	2	640	5								
	Total		23	100	1,904	100	2,071	100	12,100	100								
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)								<b>13.7</b>	7.4 *	.58	6.9 *	.66	8.1	.51	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	16	70	1,049	55	1,248	60	7,058	58	<b>1.8</b>	2.7	-.18	2.2	-.10	2.4	-.14
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	22	600	32	601	29	3,605	30							
	8	6-10 hrs	0	0	116	6	117	6	738	6								
	13	11-15 hrs	2	9	73	4	54	3	335	3								
	18	16-20 hrs	0	0	33	2	29	1	184	2								
	23	21-25 hrs	0	0	21	1	13	1	86	1								
	28	26-30 hrs	0	0	1	0	1	0	38	0								
	33	More than 30 hrs	0	0	9	0	9	0	59	0								
	Total		23	100	1,902	100	2,072	100	12,103	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	4	32	2	19	1	187	2	<b>10.9</b>	13.1	-.25	13.3	-.28	12.8	-.23
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	35	332	17	333	16	2,290	19							
	8	6-10 hrs	5	22	506	27	570	27	3,184	26								
	13	11-15 hrs	2	9	421	22	453	22	2,570	21								
	18	16-20 hrs	2	9	270	14	324	16	1,833	15								
	23	21-25 hrs	4	17	146	8	166	8	858	7								
	28	26-30 hrs	0	0	67	4	81	4	415	3								
	33	More than 30 hrs	1	4	130	7	127	6	762	6								
	Total		23	100	1,904	100	2,073	100	12,099	100								
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	14	61	1,531	80	1,734	84	9,418	78	<b>3.6</b>	2.1	.24	1.5	.41	2.8	.11
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	26	171	9	172	8	1,102	9							
	8	6-10 hrs	0	0	67	4	63	3	454	4								
	13	11-15 hrs	1	4	48	3	36	2	304	3								
	18	16-20 hrs	1	4	22	1	25	1	189	2								
	23	21-25 hrs	0	0	13	1	8	0	109	1								
	28	26-30 hrs	0	0	6	0	3	0	61	1								
	33	More than 30 hrs	1	4	44	2	27	1	447	4								
	Total		23	100	1,902	100	2,068	100	12,084	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	6	26	754	40	979	47	5,958	49	<b>5.7</b>	4.2	.23	3.3	.44	3.5	.38
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	48	702	37	735	35	3,858	32							
	8	6-10 hrs	2	9	227	12	199	10	1,187	10								
	13	11-15 hrs	2	9	111	6	76	4	512	4								
	18	16-20 hrs	0	0	44	2	42	2	276	2								
	23	21-25 hrs	1	4	26	1	16	1	112	1								
	28	26-30 hrs	0	0	8	0	4	0	44	0								
	33	More than 30 hrs	1	4	32	2	24	1	161	1								
	Total		23	100	1,904	100	2,075	100	12,108	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>															
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your first-year students compared with							
				Count		%		Count		%		Count		%		Count		%		Mean		Effect size <sup>n</sup>		Mean		Effect size <sup>n</sup>	
				Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>			
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																											
reading				1	Very little	1	4	264	14	176	8	1,094	9	<b>2.7</b>	2.6	.06	2.9	-.15	2.9	-.17							
				2	Some	10	43	681	36	682	33	3,704	31														
				3	About half	8	35	558	29	633	31	3,807	31														
				4	Most	3	13	284	15	423	20	2,560	21														
				5	Almost all	1	4	116	6	159	8	940	8														
Total						23	100	1,903	100	2,073	100	12,105	100														
tmreadinghrs																											
(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																											
				<b>5.0</b>		5.6		-.11		6.7 *		-.32		6.7 *		-.30											
tmreadinghrscol				1	0 hrs	1	4	9	0	5	0	43	0														
(Collapsed version of tmreadinghrs created by NSSE.)				2	More than zero, up to 5 hrs	12	52	1,124	59	1,014	49	6,037	50														
				3	More than 5, up to 10 hrs	9	39	503	27	632	31	3,622	30														
				4	More than 10, up to 15 hrs	0	0	139	7	237	11	1,241	10														
				5	More than 15, up to 20 hrs	1	4	72	4	101	5	614	5														
				6	More than 20, up to 25 hrs	0	0	34	2	61	3	369	3														
				7	More than 25 hrs	0	0	16	1	14	1	134	1														
Total						23	100	1,897	100	2,064	100	12,060	100														
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																											
a. Writing clearly and effectively				1	Very little	1	4	117	6	116	6	623	5	<b>2.9</b>	2.9	-.05	2.8	.04	2.9	-.05							
				2	Some	5	22	477	25	584	28	3,072	25														
				3	Quite a bit	13	57	766	40	890	43	5,176	43														
				4	Very much	4	17	540	28	478	23	3,217	27														
Total						23	100	1,900	100	2,068	100	12,088	100														



# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your first-year students compared with				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Speaking clearly and effectively	pgspeak	1	Very little	1	4	169	9	183	9	997	8	<b>3.0</b>	2.8	.19	2.7	.29	2.8	.22
		2	Some	6	26	506	27	618	30	3,381	28							
		3	Quite a bit	8	35	726	38	815	39	4,788	40							
		4	Very much	8	35	506	27	453	22	2,926	24							
		Total		23	100	1,907	100	2,069	100	12,092	100							
c. Thinking critically and analytically	pgthink	1	Very little	0	0	52	3	62	3	332	3	<b>3.0</b>	3.1	-.13	3.1	-.09	3.1	-.13
		2	Some	6	26	365	19	388	19	2,174	18							
		3	Quite a bit	11	48	822	43	973	47	5,506	45							
		4	Very much	6	26	670	35	652	31	4,102	34							
		Total		23	100	1,909	100	2,075	100	12,114	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	1	4	283	15	401	19	2,118	18	<b>2.8</b>	2.5	.25	2.4	.40	2.5	.34
		2	Some	10	43	647	34	749	36	4,262	35							
		3	Quite a bit	5	22	628	33	623	30	3,809	31							
		4	Very much	7	30	347	18	299	14	1,912	16							
		Total		23	100	1,905	100	2,072	100	12,101	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	2	9	238	12	262	13	1,427	12	<b>2.9</b>	2.7	.25	2.6	.33	2.7	.26
		2	Some	5	22	563	29	682	33	3,735	31							
		3	Quite a bit	9	39	684	36	749	36	4,375	36							
		4	Very much	7	30	424	22	384	18	2,573	21							
		Total		23	100	1,909	100	2,077	100	12,110	100							
f. Working effectively with others	pgothers	1	Very little	1	4	104	5	120	6	657	5	<b>3.0</b>	2.9	.08	2.9	.16	2.9	.12
		2	Some	5	22	459	24	544	26	3,096	26							
		3	Quite a bit	10	43	802	42	911	44	5,132	42							
		4	Very much	7	30	543	28	499	24	3,207	27							
		Total		23	100	1,908	100	2,074	100	12,092	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	2	9	170	9	207	10	1,077	9	<b>2.7</b>	2.8	-.07	2.7	-.01	2.8	-.06
		2	Some	7	30	525	28	589	28	3,348	28							
		3	Quite a bit	9	39	729	38	805	39	4,654	38							
		4	Very much	5	22	483	25	475	23	3,022	25							
		Total		23	100	1,907	100	2,076	100	12,101	100							

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

#### First-Year Students<sup>a</sup> in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Your first-year students compared with							
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	2	9	152	8	169	8	905	7	<b>2.9</b>	2.9	-.02	2.8	.06	2.9	-.01	
		2	Some	4	17	461	24	605	29	3,115	26								
		3	Quite a bit	12	52	746	39	749	36	4,640	38								
		4	Very much	5	22	549	29	550	27	3,440	28								
		Total		23	100	1,908	100	2,073	100	12,100	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	1	4	196	10	215	10	1,210	10	<b>2.7</b>	2.7	.04	2.7	.10	2.7	.05	
		2	Some	9	39	599	31	676	33	3,843	32								
		3	Quite a bit	8	35	692	36	800	39	4,514	37								
		4	Very much	5	22	420	22	381	18	2,529	21								
		Total		23	100	1,907	100	2,072	100	12,096	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	2	9	197	10	210	10	1,104	9	<b>2.7</b>	2.8	-.02	2.7	.00	2.8	-.04	
		2	Some	8	35	540	28	593	29	3,491	29								
		3	Quite a bit	7	30	693	36	808	39	4,517	37								
		4	Very much	6	26	480	25	467	22	3,007	25								
		Total		23	100	1,910	100	2,078	100	12,119	100								
<b>19. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	1	4	32	2	36	2	198	2	<b>3.1</b>	3.2	-.09	3.2	-.09	3.2	-.12	
		2	Fair	3	13	239	13	238	11	1,469	12								
		3	Good	11	48	957	50	1,094	52	6,002	50								
		4	Excellent	8	35	678	36	716	34	4,453	37								
		Total		23	100	1,906	100	2,084	100	12,122	100								
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																			
	sameinst	1	Definitely no	0	0	55	3	62	3	404	3	<b>3.5</b>	3.2	.29	3.2	.35	3.2	.31	
		2	Probably no	2	9	249	13	289	14	1,546	13								
		3	Probably yes	8	35	772	40	893	43	5,030	41								
		4	Definitely yes	13	57	835	44	838	40	5,171	43								
		Total		23	100	1,911	100	2,082	100	12,151	100								
<b>21. Do you intend to return to this institution next year?<sup>f</sup></b>																			
	returnexp		No	0	0	65	3	80	4	476	4	<b>91%</b>	90%	.05	89%	.08	89%	.09	
			Yes	21	91	1,719	90	1,856	89	10,765	89								
			Not sure	2	9	127	7	150	7	902	7								
			Total	23	100	1,911	100	2,086	100	12,143	100								
				<i>(Means indicate the percentage who responded "Yes.")</i>															

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>													
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>			
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>					
<b>1. During the current school year, about how often have you done the following?</b>																									
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	50	1	49	2	372	2	3.3	3.2	.04	3.2	.08	3.2	.04							
		2	Sometimes	5	16	704	21	627	23	4,214	21														
		3	Often	13	42	1,048	31	817	30	6,196	31														
		4	Very often	13	42	1,562	46	1,238	45	9,411	47														
		Total		31	100	3,364	100	2,731	100	20,193	100														
b. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	0	0	221	7	205	8	1,247	6	3.4	3.0 *	.44	2.9 **	.56	3.0 *	.44	▲	▲	▲				
		2	Often	2	6	429	13	425	16	2,629	13														
		3	Sometimes	15	48	1,748	52	1,470	54	10,538	52														
		4	Never	14	45	971	29	633	23	5,792	29														
		Total		31	100	3,369	100	2,733	100	20,206	100														
c. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendant	1	Never	15	48	1,482	44	1,062	39	8,518	42	1.7	1.8	-.12	1.9	-.21	1.9	-.16							
		2	Sometimes	11	35	1,269	38	1,066	39	7,529	37														
		3	Often	4	13	394	12	413	15	2,697	13														
		4	Very often	1	3	227	7	190	7	1,490	7														
		Total		31	100	3,372	100	2,731	100	20,234	100														
d. Asked another student to help you understand course material	CLaskhelp	1	Never	3	10	492	15	410	15	3,968	20	2.3	2.4	-.08	2.4	-.08	2.3	.03							
		2	Sometimes	18	58	1,511	45	1,202	44	8,686	43														
		3	Often	7	23	927	28	743	27	5,242	26														
		4	Very often	3	10	439	13	375	14	2,344	12														
		Total		31	100	3,369	100	2,730	100	20,240	100														
e. Explained course material to one or more students	CLexplain	1	Never	2	6	249	7	179	7	2,174	11	2.6	2.7	-.06	2.7	-.07	2.6	.03							
		2	Sometimes	12	39	1,274	38	1,027	38	7,579	37														
		3	Often	13	42	1,209	36	1,029	38	6,995	35														
		4	Very often	4	13	638	19	497	18	3,499	17														
		Total		31	100	3,370	100	2,732	100	20,247	100														

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>											
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>		
f. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	6	19	626	19	549	20	4,808	24	2.5	2.5	.00	2.4	.05	2.3	.12					
		2	Sometimes	9	29	1,191	35	977	36	6,979	34												
		3	Often	12	39	958	28	748	27	5,399	27												
		4	Very often	4	13	593	18	452	17	3,051	15												
		Total		31	100	3,368	100	2,726	100	20,237	100												
g. Worked with other students on course projects or assignments	CLproject	1	Never	2	6	254	8	170	6	2,251	11	2.8	2.9	-.04	2.9	-.07	2.8	.06					
		2	Sometimes	8	26	939	28	759	28	5,502	27												
		3	Often	14	45	1,135	34	966	35	7,005	35												
		4	Very often	7	23	1,044	31	841	31	5,488	27												
		Total		31	100	3,372	100	2,736	100	20,246	100												
h. Given a course presentation	present	1	Never	2	6	355	11	242	9	2,401	12	3.0	2.8	.18	2.9	.09	2.8	.18					
		2	Sometimes	8	26	971	29	713	26	5,398	27												
		3	Often	10	32	1,048	31	914	33	6,425	32												
		4	Very often	11	35	988	29	862	32	6,005	30												
		Total		31	100	3,362	100	2,731	100	20,229	100												
<b>2. During the current school year, about how often have you done the following?</b>																							
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	1	3	124	4	81	3	743	4	2.9	3.0	-.07	3.0	-.10	3.0	-.05					
		2	Sometimes	9	29	847	25	657	24	5,176	26												
		3	Often	12	39	1,302	39	1,112	41	8,093	40												
		4	Very often	9	29	1,085	32	877	32	6,197	31												
		Total		31	100	3,358	100	2,727	100	20,209	100												
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	0	0	171	5	110	4	847	4	2.9	3.0	-.10	3.0	-.19	3.0	-.14					
		2	Sometimes	11	35	887	26	610	22	4,929	24												
		3	Often	13	42	1,216	36	1,097	40	7,925	39												
		4	Very often	7	23	1,093	32	915	33	6,520	32												
		Total		31	100	3,367	100	2,732	100	20,221	100												
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	3	10	223	7	147	5	1,242	6	2.6	2.9	-.30	2.9	-.34	2.9	-.31					
		2	Sometimes	13	42	1,000	30	813	30	5,970	30												
		3	Often	9	29	1,177	35	974	36	7,324	36												
		4	Very often	6	19	967	29	794	29	5,677	28												
		Total		31	100	3,367	100	2,728	100	20,213	100												

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	1	3	82	2	86	3	512	3	3.0	3.0	.07	2.9	.12	3.0	.09	
		2	Sometimes	8	26	855	25	687	25	5,123	25								
		3	Often	11	35	1,494	44	1,264	46	9,227	46								
		4	Very often	11	35	937	28	694	25	5,363	27								
		Total		31	100	3,368	100	2,731	100	20,225	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	0	0	64	2	44	2	337	2	3.1	3.1	.02	3.1	.02	3.1	.02	
		2	Sometimes	7	23	698	21	565	21	4,141	21								
		3	Often	14	45	1,508	45	1,233	45	9,235	46								
		4	Very often	10	32	1,091	32	882	32	6,480	32								
		Total		31	100	3,361	100	2,724	100	20,193	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	6	62	2	36	1	277	1	2.8	3.0	-.27	3.0	-.29	3.0	-.29	
		2	Sometimes	8	26	842	25	675	25	4,892	24								
		3	Often	15	48	1,434	43	1,193	44	8,955	44								
		4	Very often	6	19	1,024	30	827	30	6,075	30								
		Total		31	100	3,362	100	2,731	100	20,199	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	14	0	13	0	97	0	3.0	3.2	-.30	3.3	-.33	3.3	-.34	
		2	Sometimes	6	19	497	15	364	13	2,614	13								
		3	Often	18	58	1,497	45	1,235	45	9,222	46								
		4	Very often	7	23	1,351	40	1,113	41	8,236	41								
		Total		31	100	3,359	100	2,725	100	20,169	100								
<b>3. During the current school year, about how often have you done the following?</b>																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	6	19	479	14	405	15	3,205	16	2.5	2.5	-.10	2.5	-.08	2.5	-.06	
		2	Sometimes	11	35	1,281	38	1,037	38	7,684	38								
		3	Often	8	26	868	26	714	26	5,098	25								
		4	Very often	6	19	727	22	571	21	4,206	21								
		Total		31	100	3,355	100	2,727	100	20,193	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	12	39	1,313	39	1,040	38	8,396	42	2.2	2.0	.11	2.1	.09	2.0	.15	
		2	Sometimes	6	19	1,033	31	828	30	5,926	29								
		3	Often	9	29	553	16	490	18	3,261	16								
		4	Very often	4	13	458	14	370	14	2,595	13								
		Total		31	100	3,357	100	2,728	100	20,178	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>													
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with					
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Effect size <sup>n</sup>		Effect size <sup>n</sup>			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>					
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	7	23	924	28	681	25	5,830	29	2.2	2.2	.04	2.2	.03	2.1	.08							
		2	Sometimes	12	39	1,289	39	1,135	42	7,835	39														
		3	Often	10	32	705	21	578	21	4,152	21														
		4	Very often	2	6	430	13	325	12	2,327	12														
		Total		31	100	3,348	100	2,719	100	20,144	100														
d. Discussed your academic performance with a faculty member	SFperform	1	Never	4	13	630	19	611	22	4,399	22	2.6	2.3	.27	2.2 *	.36	2.2 *	.36							
		2	Sometimes	11	35	1,472	44	1,188	44	8,818	44														
		3	Often	10	32	779	23	593	22	4,545	23														
		4	Very often	6	19	477	14	335	12	2,428	12														
		Total		31	100	3,358	100	2,727	100	20,190	100														
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																									
a. Memorizing course material	memorize	1	Very little	3	10	193	6	232	8	1,805	9	2.6	2.8	-.25	2.7	-.14	2.7	-.10							
		2	Some	11	35	1,053	31	896	33	6,780	34														
		3	Quite a bit	13	42	1,388	41	1,048	38	7,893	39														
		4	Very much	4	13	732	22	555	20	3,716	18														
		Total		31	100	3,366	100	2,731	100	20,194	100														
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	110	3	96	4	578	3	3.1	3.0	.10	3.0	.13	3.0	.10							
		2	Some	5	16	704	21	618	23	4,305	21														
		3	Quite a bit	18	58	1,549	46	1,234	45	9,500	47														
		4	Very much	8	26	994	30	780	29	5,798	29														
		Total		31	100	3,357	100	2,728	100	20,181	100														
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	126	4	98	4	598	3	3.0	3.0	.04	3.0	.04	3.0	.01							
		2	Some	8	26	747	22	630	23	4,429	22														
		3	Quite a bit	14	45	1,486	44	1,179	43	9,076	45														
		4	Very much	9	29	995	30	817	30	6,063	30														
		Total		31	100	3,354	100	2,724	100	20,166	100														
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	3	103	3	102	4	538	3	3.0	3.1	-.03	3.0	-.01	3.1	-.05							
		2	Some	7	23	675	20	548	20	3,954	20														
		3	Quite a bit	13	42	1,503	45	1,212	44	9,238	46														
		4	Very much	10	32	1,076	32	862	32	6,440	32														
		Total		31	100	3,357	100	2,724	100	20,170	100														

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>													
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with					
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>						
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean						
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	0	0	104	3	88	3	526	3	3.0	3.0	.01	3.0	.04	3.0	-.01							
		2	Some	6	19	741	22	611	22	4,212	21														
		3	Quite a bit	18	58	1,480	44	1,241	46	9,426	47														
		4	Very much	7	23	1,028	31	784	29	6,000	30														
		Total	31	100	3,353	100	2,724	100	20,164	100															
<b>5. During the current school year, to what extent have your instructors done the following?</b>																									
a. Clearly explained course goals and requirements	ETgoals	1	Very little	2	6	72	2	65	2	384	2	3.0	3.2	-.18	3.2	-.16	3.2	-.20							
		2	Some	4	13	574	17	440	16	3,244	16														
		3	Quite a bit	16	52	1,414	42	1,228	45	8,812	44														
		4	Very much	9	29	1,299	39	996	36	7,747	38														
		Total	31	100	3,359	100	2,729	100	20,187	100															
b. Taught course sessions in an organized way	ETorganize	1	Very little	3	10	139	4	97	4	706	4	2.7	3.1 *	-.39	3.1 *	-.40	3.1 *	-.44							
		2	Some	8	26	651	19	511	19	3,582	18														
		3	Quite a bit	14	45	1,394	42	1,233	45	8,839	44														
		4	Very much	6	19	1,167	35	884	32	7,035	35														
		Total	31	100	3,351	100	2,725	100	20,162	100															
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	10	122	4	82	3	639	3	2.9	3.1	-.20	3.1	-.22	3.1	-.23							
		2	Some	5	16	672	20	519	19	3,796	19														
		3	Quite a bit	14	45	1,294	39	1,133	42	8,233	41														
		4	Very much	9	29	1,266	38	989	36	7,495	37														
		Total	31	100	3,354	100	2,723	100	20,163	100															
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	6	243	7	219	8	1,508	7	3.0	2.9	.04	2.9	.10	2.9	.05							
		2	Some	6	19	823	25	711	26	5,048	25														
		3	Quite a bit	14	45	1,210	36	977	36	7,156	35														
		4	Very much	9	29	1,076	32	816	30	6,453	32														
		Total	31	100	3,352	100	2,723	100	20,165	100															
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	2	6	226	7	191	7	1,270	6	2.7	2.9	-.17	2.8	-.13	2.9	-.21							
		2	Some	10	32	959	29	810	30	5,447	27														
		3	Quite a bit	14	45	1,201	36	1,007	37	7,618	38														
		4	Very much	5	16	969	29	713	26	5,831	29														
		Total	31	100	3,355	100	2,721	100	20,166	100															

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
<b>6. During the current school year, about how often have you done the following?</b>																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	1	3	447	13	393	14	2,753	14	2.6	2.5	.12	2.5	.14	2.5	.13	
		2	Sometimes	14	45	1,317	39	1,041	38	7,749	38								
		3	Often	12	39	1,046	31	866	32	6,545	32								
		4	Very often	4	13	542	16	421	15	3,097	15								
			Total	31	100	3,352	100	2,721	100	20,144	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	0	0	587	18	515	19	3,525	18	2.5	2.4	.14	2.4	.16	2.4	.14	
		2	Sometimes	19	61	1,273	38	1,018	37	7,741	38								
		3	Often	7	23	989	30	768	28	5,868	29								
		4	Very often	5	16	498	15	416	15	2,979	15								
			Total	31	100	3,347	100	2,717	100	20,113	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	1	3	589	18	506	19	3,584	18	2.4	2.4	.05	2.4	.07	2.4	.06	
		2	Sometimes	19	61	1,331	40	1,077	40	8,129	40								
		3	Often	8	26	996	30	788	29	5,887	29								
		4	Very often	3	10	427	13	342	13	2,497	12								
			Total	31	100	3,343	100	2,713	100	20,097	100								
<b>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.)</b>																			
a. Up to 5 pages	wrshortnum	0	None	2	6	164	5	122	4	716	4	9.2	7.5	.27	8.2	.16	8.6	.09	
	(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	5	16	618	18	418	15	2,801	14								
		4	3-5	7	23	976	29	783	29	5,600	28								
		8	6-10	5	16	769	23	619	23	4,855	24								
		13	11-15	5	16	368	11	339	12	2,586	13								
		18	16-20	3	10	212	6	186	7	1,462	7								
		23	More than 20	4	13	248	7	250	9	2,117	11								
			Total	31	100	3,355	100	2,717	100	20,137	100								
b. Between 6 and 10 pages	wrmednum	0	None	7	23	841	25	593	22	3,708	18	3.1	3.4	-.08	3.7	-.14	4.0	-.19	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	14	45	1,122	34	893	33	6,590	33								
		4	3-5	5	16	772	23	706	26	5,451	27								
		8	6-10	4	13	381	11	312	11	2,709	13								
		13	11-15	0	0	136	4	122	4	926	5								
		18	16-20	0	0	45	1	45	2	345	2								
		23	More than 20	1	3	48	1	44	2	352	2								
			Total	31	100	3,345	100	2,715	100	20,081	100								



# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
														Effect size <sup>n</sup>	Effect size <sup>n</sup>				
c. 11 pages or more	wrlongnum	0	None	15	48	1,723	51	1,292	48	9,133	45	<b>1.1</b>	1.9 **	-0.21	1.9	-0.22	2.0 ***	-0.24	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	12	39	1,033	31	940	35	7,100	35								
		4	3-5	4	13	326	10	276	10	2,282	11								
		8	6-10	0	0	118	4	91	3	774	4								
		13	11-15	0	0	76	2	60	2	429	2								
		18	16-20	0	0	40	1	23	1	165	1								
		23	More than 20	0	0	35	1	33	1	231	1								
	Total			31	100	3,351	100	2,715	100	20,114	100								
Estimated number of assigned pages of student writing.	wpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>69.0</b>	78.1	-0.10	82.4	-0.14	87.0	-0.19	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	4	13	146	4	114	4	922	5	<b>2.9</b>	3.2	-0.28	3.1	-0.18	3.1	-0.22	
		2	Sometimes	4	13	683	20	669	25	4,492	22								
		3	Often	14	45	1,033	31	875	32	6,338	31								
		4	Very often	9	29	1,496	45	1,065	39	8,399	42								
		Total		31	100	3,358	100	2,723	100	20,151	100								
b. People from an economic background other than your own	DDeconomic	1	Never	4	13	123	4	81	3	817	4	<b>2.9</b>	3.1	-0.23	3.1	-0.16	3.1	-0.17	
		2	Sometimes	3	10	682	20	621	23	4,416	22								
		3	Often	15	48	1,175	35	1,039	38	7,207	36								
		4	Very often	9	29	1,363	41	971	36	7,681	38								
		Total		31	100	3,343	100	2,712	100	20,121	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	2	6	159	5	168	6	1,240	6	<b>2.8</b>	3.0	-0.22	2.9	-0.09	3.0	-0.13	
		2	Sometimes	8	26	825	25	757	28	5,369	27								
		3	Often	14	45	1,091	33	911	34	6,467	32								
		4	Very often	7	23	1,277	38	883	32	7,069	35								
		Total		31	100	3,352	100	2,719	100	20,145	100								
d. People with political views other than your own	DDpolitical	1	Never	3	10	169	5	156	6	1,254	6	<b>2.9</b>	3.0	-0.13	2.9	-0.03	2.9	-0.02	
		2	Sometimes	6	19	853	25	769	28	5,783	29								
		3	Often	13	42	1,073	32	908	33	6,388	32								
		4	Very often	9	29	1,256	37	887	33	6,730	33								
		Total		31	100	3,351	100	2,720	100	20,155	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>9. During the current school year, about how often have you done the following?</b>																			
a. Identified key information from reading assignments	LSreading	1	Never	0	0	59	2	55	2	360	2	<b>3.1</b>	3.1	-.10	3.1	-.06	3.2	-.12	
		2	Sometimes	7	23	639	19	536	20	3,555	18								
		3	Often	15	48	1,425	42	1,179	43	8,876	44								
		4	Very often	9	29	1,230	37	954	35	7,369	37								
		Total		31	100	3,353	100	2,724	100	20,160	100								
b. Reviewed your notes after class	LSnotes	1	Never	0	0	203	6	247	9	1,599	8	<b>3.2</b>	2.9 *	.31	2.7 ***	.50	2.8 **	.42	
		2	Sometimes	4	13	957	29	919	34	6,270	31								
		3	Often	17	55	1,124	34	877	32	6,710	33								
		4	Very often	10	32	1,066	32	676	25	5,569	28								
		Total		31	100	3,350	100	2,719	100	20,148	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	3	183	5	212	8	1,262	6	<b>2.9</b>	2.9	.01	2.8	.18	2.9	.09	
		2	Sometimes	9	30	894	27	873	32	5,842	29								
		3	Often	11	37	1,270	38	964	35	7,660	38								
		4	Very often	9	30	1,004	30	674	25	5,380	27								
		Total		30	100	3,351	100	2,723	100	20,144	100								
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																			
challenge		1	Not at all	0	0	31	1	23	1	181	1	<b>5.6</b>	5.5	.09	5.5	.15	5.6	.07	
		2		0	0	50	1	34	1	244	1								
		3		0	0	174	5	122	4	820	4								
		4		4	13	347	10	332	12	2,127	11								
		5		9	29	966	29	829	31	5,961	30								
		6		12	39	832	25	740	27	5,130	25								
		7	Very much	6	19	951	28	634	23	5,657	28								
		Total		31	100	3,351	100	2,714	100	20,120	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>o</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		5	16	297	9	201	7	2,029	10	<b>45%</b>	52%	-.14	56%	-.22	52%	-.14	
		Do not plan to do		8	26	476	14	393	14	3,279	16								
		Plan to do		4	13	831	25	604	22	4,297	21								
		Done or in progress		14	45	1,747	52	1,527	56	10,551	52								
		Total		31	100	3,351	100	2,725	100	20,156	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

			Frequency Distributions								Statistical Comparisons <sup>k</sup>							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	5	16	375	11	262	10	2,382	12	<b>42%</b>	38%	.09	43%	-.02	38%	.09
			Do not plan to do	11	35	1,413	42	1,089	40	8,615	43							
			Plan to do	2	6	297	9	199	7	1,535	8							
			Done or in progress	13	42	1,265	38	1,167	43	7,606	38							
			Total	31	100	3,350	100	2,717	100	20,138	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	4	13	477	14	330	12	2,980	15	<b>39%</b>	23% *	.35	25%	.29	22% *	.36
			Do not plan to do	13	42	1,765	53	1,463	54	10,819	54							
			Plan to do	2	6	343	10	233	9	1,860	9							
			Done or in progress	12	39	761	23	691	25	4,454	22							
			Total	31	100	3,346	100	2,717	100	20,113	100							
d. Participate in a study abroad program	abroad		Have not decided	3	10	394	12	232	9	2,257	11	<b>0%</b>	14% *	-.75	22% **	-.96	17% *	-.86
			Do not plan to do	27	87	2,213	66	1,725	64	13,067	65							
			Plan to do	1	3	286	9	174	6	1,320	7							
			Done or in progress	0	0	452	14	584	22	3,473	17							
			Total	31	100	3,345	100	2,715	100	20,117	100							
e. Work with a faculty member on a research project	research		Have not decided	6	19	492	15	357	13	3,059	15	<b>10%</b>	21%	-.31	24%	-.38	21%	-.32
			Do not plan to do	15	48	1,746	52	1,431	53	10,737	53							
			Plan to do	7	23	418	12	286	11	2,084	10							
			Done or in progress	3	10	689	21	644	24	4,245	21							
			Total	31	100	3,345	100	2,718	100	20,125	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	0	0	265	8	221	8	1,786	9	<b>52%</b>	52%	.00	54%	-.05	51%	.01
			Do not plan to do	7	23	536	16	455	17	3,547	18							
			Plan to do	8	26	819	24	571	21	4,540	23							
			Done or in progress	16	52	1,725	52	1,475	54	10,263	51							
			Total	31	100	3,345	100	2,722	100	20,136	100							

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

servcourse	1	2	3	4	Total	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>			
None	9	29	1,104	33	944	<b>1.8</b>	-0.01	1.8	.05	1.8	.01			
Some	19	61	1,829	55	1,488							55	10,647	53
Most	3	10	344	10	239							9	2,040	10
All	0	0	73	2	41							2	444	2
Total	31	100	3,350	100	2,712							100	20,100	100

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	QIstudent	1	Poor	0	0	35	1	32	1	206	1	<b>5.8</b>	5.6	.13	5.5	.18	5.6	.11	
		2		0	0	50	1	42	2	297	1								
		3		1	3	140	4	127	5	763	4								
		4		4	13	330	10	276	10	2,003	10								
		5		6	19	832	25	708	26	4,726	23								
		6		10	32	882	26	740	27	5,423	27								
		7	Excellent	10	32	1,008	30	750	28	6,093	30								
		—	Not applicable	0	0	78	2	49	2	656	3								
			Total	31	100	3,355	100	2,724	100	20,167	100								
b. Academic advisors	QIadvisor	1	Poor	0	0	142	4	126	5	687	3	<b>6.1</b>	5.3 ***	.46	5.1 ***	.52	5.4 ***	.38	
		2		0	0	172	5	158	6	816	4								
		3		0	0	266	8	211	8	1,301	6								
		4		2	6	397	12	343	13	2,237	11								
		5		7	23	587	18	527	19	3,604	18								
		6		9	29	621	19	500	18	3,961	20								
		7	Excellent	13	42	1,138	34	822	30	7,280	36								
		—	Not applicable	0	0	30	1	34	1	268	1								
			Total	31	100	3,353	100	2,721	100	20,154	100								
c. Faculty	QIfaculty	1	Poor	0	0	55	2	38	1	247	1	<b>5.8</b>	5.6	.14	5.6	.16	5.7	.08	
		2		1	3	58	2	48	2	295	1								
		3		0	0	154	5	115	4	732	4								
		4		3	10	356	11	286	11	1,925	10								
		5		8	26	729	22	657	24	4,469	22								
		6		8	26	935	28	774	28	5,845	29								
		7	Excellent	11	35	1,025	31	780	29	6,423	32								
		—	Not applicable	0	0	40	1	21	1	223	1								
			Total	31	100	3,352	100	2,719	100	20,159	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options																
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	3	10	126	4	117	4	749	4	<b>4.8</b>	5.1	-.16	4.9	-.07	5.1	-.17	
		2		1	3	117	3	110	4	743	4								
		3		1	3	229	7	219	8	1,303	6								
		4		4	13	439	13	386	14	2,433	12								
		5		7	23	593	18	491	18	3,659	18								
		6		4	13	589	18	486	18	3,542	18								
		7	Excellent	6	19	687	21	476	17	4,167	21								
		—	Not applicable	5	16	569	17	436	16	3,548	18								
	Total			31	100	3,349	100	2,721	100	20,144	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	2	6	157	5	134	5	834	4	<b>5.3</b>	5.0	.22	4.9	.26	5.1	.15	
		2		1	3	168	5	140	5	913	5								
		3		1	3	279	8	217	8	1,485	7								
		4		3	10	512	15	445	16	2,889	14								
		5		6	19	683	20	557	20	4,070	20								
		6		8	26	636	19	546	20	3,999	20								
		7	Excellent	9	29	710	21	510	19	4,764	24								
		—	Not applicable	1	3	210	6	172	6	1,203	6								
	Total			31	100	3,355	100	2,721	100	20,157	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	3	62	2	66	2	444	2	<b>3.0</b>	3.1	-.12	3.0	-.10	3.0	-.08	
		2	Some	9	29	690	21	555	20	4,269	21								
		3	Quite a bit	11	35	1,582	47	1,292	48	9,688	48								
		4	Very much	10	32	1,017	30	807	30	5,744	29								
			Total			31	100	3,351	100	2,720	100								20,145
b. Providing support to help students succeed academically	SEacademic	1	Very little	3	10	156	5	149	5	1,005	5	<b>2.9</b>	3.0	-.11	2.9	-.02	3.0	-.10	
		2	Some	6	19	800	24	702	26	4,791	24								
		3	Quite a bit	14	45	1,418	42	1,164	43	8,446	42								
		4	Very much	8	26	978	29	703	26	5,880	29								
			Total			31	100	3,352	100	2,718	100								20,122
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	6	19	310	9	236	9	1,792	9	<b>2.5</b>	2.9 *	-0.41	2.8 *	-0.37	2.9 *	-0.42	
		2	Some	9	29	806	24	732	27	4,834	24								
		3	Quite a bit	11	35	1,209	36	1,017	38	7,527	37								
		4	Very much	5	16	1,015	30	727	27	5,951	30								
			Total			31	100	3,340	100	2,712	100								20,104

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>	
														Mean	Effect size <sup>n</sup>		Mean	Effect size <sup>n</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	5	16	451	13	465	17	2,914	14	2.6	2.7	-.12	2.6	.02	2.7	-.07
		2	Some	10	32	933	28	848	31	5,920	29							
		3	Quite a bit	9	29	1,128	34	826	30	6,516	32							
		4	Very much	7	23	834	25	573	21	4,747	24							
		Total		31	100	3,346	100	2,712	100	20,097	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	6	20	198	6	212	8	1,706	8	2.6	3.0	-.38	2.9	-.25	2.9	-.24
		2	Some	8	27	770	23	693	26	5,058	25							
		3	Quite a bit	7	23	1,298	39	1,065	39	7,694	38							
		4	Very much	9	30	1,072	32	734	27	5,614	28							
		Total		30	100	3,338	100	2,704	100	20,072	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	4	13	322	10	306	11	2,512	13	2.6	2.8	-.28	2.7	-.16	2.7	-.14
		2	Some	14	45	839	25	776	29	5,557	28							
		3	Quite a bit	4	13	1,208	36	963	36	7,074	35							
		4	Very much	9	29	977	29	665	25	4,950	25							
		Total		31	100	3,346	100	2,710	100	20,093	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	12	39	1,035	31	958	35	6,614	33	2.1	2.2	-.07	2.0	.05	2.1	-.02
		2	Some	9	29	1,143	34	953	35	6,918	34							
		3	Quite a bit	5	16	726	22	507	19	4,167	21							
		4	Very much	5	16	442	13	293	11	2,377	12							
		Total		31	100	3,346	100	2,711	100	20,076	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	10	32	388	12	357	13	3,574	18	2.4	2.8	-.42	2.6	-.30	2.6	-.20
		2	Some	6	19	894	27	833	31	5,839	29							
		3	Quite a bit	9	29	1,190	36	945	35	6,518	32							
		4	Very much	6	19	865	26	576	21	4,125	21							
		Total		31	100	3,337	100	2,711	100	20,056	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	11	35	613	18	574	21	4,353	22	2.1	2.4	-.32	2.4	-.24	2.4	-.23
		2	Some	10	32	1,192	36	979	36	7,166	36							
		3	Quite a bit	5	16	993	30	776	29	5,683	28							
		4	Very much	5	16	544	16	387	14	2,881	14							
		Total		31	100	3,342	100	2,716	100	20,083	100							

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
												Your seniors compared with							
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
<b>15. To what extent do you agree or disagree with the following statements?</b>																			
a. I feel comfortable being myself at this institution.	SBmyself	1	Strongly disagree	2	6	44	2	39	3	242	2	<b>3.2</b>	3.4	-.18	3.3	-.11	3.3	-.16	
		2	Disagree	1	3	171	7	109	7	709	7								
		3	Agree	16	52	1,064	45	678	46	4,982	47								
		4	Strongly agree	12	39	1,097	46	635	43	4,778	45								
			Total	31	100	2,376	100	1,461	100	10,711	100								
b. I feel valued by this institution.	SBvalued	1	Strongly disagree	4	13	148	6	111	8	638	6	<b>2.8</b>	2.9	-.13	2.9	-.05	3.0	-.15	
		2	Disagree	5	16	471	20	289	20	1,972	18								
		3	Agree	14	45	1,108	47	716	49	5,200	49								
		4	Strongly agree	8	26	648	27	339	23	2,889	27								
			Total	31	100	2,375	100	1,455	100	10,699	100								
c. I feel like part of the community at this institution.	SBcommunity	1	Strongly disagree	3	10	117	5	99	7	574	5	<b>2.9</b>	3.0	-.13	2.9	-.02	3.0	-.11	
		2	Disagree	5	16	441	19	297	20	1,926	18								
		3	Agree	15	48	1,107	47	686	47	5,213	49								
		4	Strongly agree	8	26	709	30	375	26	2,999	28								
			Total	31	100	2,374	100	1,457	100	10,712	100								
<b>16. About how many hours do you spend in a typical 7-day week doing the following?</b>																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	17	1	7	0	70	0	<b>15.1</b>	12.9	.27	13.6	.19	13.5	.20	
		3	1-5 hrs	5	16	581	17	442	16	3,224	16								
		8	6-10 hrs	6	19	928	28	706	26	5,369	27								
		13	11-15 hrs	3	10	725	22	598	22	4,341	22								
		18	16-20 hrs	10	32	514	15	447	16	3,340	17								
		23	21-25 hrs	3	10	315	9	255	9	1,854	9								
		28	26-30 hrs	3	10	135	4	118	4	974	5								
		33	More than 30 hrs	1	3	136	4	150	6	963	5								
			Total	31	100	3,351	100	2,723	100	20,135	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcoccrrhrs	0	0 hrs	11	35	1,391	42	1,045	39	8,694	43	<b>5.3</b>	5.2	.01	5.4	-.02	5.2	.01	
		3	1-5 hrs	9	29	861	26	755	28	5,101	25								
		8	6-10 hrs	6	19	479	14	415	15	2,565	13								
		13	11-15 hrs	1	3	295	9	219	8	1,597	8								
		18	16-20 hrs	3	10	152	5	138	5	1,021	5								
		23	21-25 hrs	1	3	75	2	49	2	502	2								
		28	26-30 hrs	0	0	41	1	30	1	256	1								
		33	More than 30 hrs	0	0	49	1	56	2	358	2								
			Total	31	100	3,343	100	2,707	100	20,094	100								

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

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### Tennessee Technological University

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				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
c. Working for pay on campus	tmworkonhrs	0	0 hrs	23	74	2,455	73	1,707	63	13,934	69	3.4	4.0	-.08	5.2	-.22	4.1	-.10	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	3	89	3	133	5	899	4								
	8	6-10 hrs	2	6	212	6	230	8	1,593	8									
	13	11-15 hrs	1	3	199	6	230	8	1,421	7									
	18	16-20 hrs	4	13	207	6	255	9	1,347	7									
	23	21-25 hrs	0	0	92	3	78	3	454	2									
	28	26-30 hrs	0	0	35	1	32	1	172	1									
	33	More than 30 hrs	0	0	58	2	48	2	276	1									
	Total		31	100	3,347	100	2,713	100	20,096	100									
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	6	19	1,214	36	1,093	40	7,728	38	20.8	14.3 **	.48	12.3 ***	.66	13.8 **	.52	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	162	5	160	6	990	5								
	8	6-10 hrs	2	6	198	6	188	7	1,252	6									
	13	11-15 hrs	2	6	210	6	192	7	1,287	6									
	18	16-20 hrs	3	10	318	10	273	10	1,767	9									
	23	21-25 hrs	3	10	263	8	207	8	1,352	7									
	28	26-30 hrs	3	10	232	7	130	5	1,040	5									
	33	More than 30 hrs	12	39	749	22	474	17	4,714	23									
	Total		31	100	3,346	100	2,717	100	20,130	100									
Estimated number of hours working for pay	tmworkhrs		(Continuous variable created by NSSE)								24.2	18.3 *	.44	17.5 **	.51	17.9 **	.47		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	13	42	1,562	47	1,330	49	9,808	49	3.0	3.8	-.12	3.2	-.03	3.4	-.07	
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	12	39	1,111	33	953	35	6,680	33								
	8	6-10 hrs	5	16	321	10	216	8	1,793	9									
	13	11-15 hrs	0	0	139	4	85	3	806	4									
	18	16-20 hrs	1	3	99	3	59	2	490	2									
	23	21-25 hrs	0	0	49	1	29	1	195	1									
	28	26-30 hrs	0	0	15	0	10	0	96	0									
	33	More than 30 hrs	0	0	46	1	32	1	249	1									
	Total		31	100	3,342	100	2,714	100	20,117	100									



# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>							
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with					
														Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	1	3	106	3	60	2	633	3	<b>9.8</b>	11.3	-.18	11.5	-.21	10.9	-.13	
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	23	865	26	661	24	5,359	27								
	8	6-10 hrs	13	42	873	26	718	26	5,579	28									
	13	11-15 hrs	3	10	643	19	561	21	3,743	19									
	18	16-20 hrs	4	13	406	12	347	13	2,390	12									
	23	21-25 hrs	3	10	191	6	188	7	1,032	5									
	28	26-30 hrs	0	0	89	3	63	2	497	2									
	33	More than 30 hrs	0	0	174	5	120	4	894	4									
	Total		31	100	3,347	100	2,718	100	20,127	100									
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	17	55	2,153	64	1,882	69	12,547	62	<b>7.8</b>	6.2	.14	5.0	.27	6.8	.09	
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	13	342	10	267	10	2,061	10								
	8	6-10 hrs	1	3	158	5	121	4	1,003	5									
	13	11-15 hrs	2	6	100	3	80	3	633	3									
	18	16-20 hrs	2	6	96	3	45	2	571	3									
	23	21-25 hrs	0	0	54	2	44	2	323	2									
	28	26-30 hrs	1	3	38	1	24	1	248	1									
	33	More than 30 hrs	4	13	398	12	253	9	2,717	14									
	Total		31	100	3,339	100	2,716	100	20,103	100									
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	2	6	675	20	573	21	6,291	31	<b>5.4</b>	5.6	-.04	5.0	.06	4.5	.14	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	65	1,629	49	1,415	52	8,971	45								
	8	6-10 hrs	5	16	574	17	403	15	2,726	14									
	13	11-15 hrs	2	6	203	6	157	6	974	5									
	18	16-20 hrs	1	3	89	3	60	2	413	2									
	23	21-25 hrs	1	3	63	2	33	1	230	1									
	28	26-30 hrs	0	0	28	1	15	1	126	1									
	33	More than 30 hrs	0	0	88	3	56	2	391	2									
	Total		31	100	3,349	100	2,712	100	20,122	100									

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>											
				Tennessee Tech				Southeast Public				Carnegie Class				NSSE 2019 & 2020				Your seniors compared with			
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech	Southeast Public	Carnegie Class	NSSE 2019 & 2020	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>	Effect size <sup>n</sup>				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean				
<b>17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																							
	reading	1	Very little	3	10	413	12	297	11	2,011	10	2.9	2.9	.02	3.0	-.07	3.0	-.09					
		2	Some	8	26	954	29	736	27	5,235	26												
		3	About half	10	32	995	30	760	28	6,194	31												
		4	Most	10	32	689	21	659	24	4,763	24												
		5	Almost all	0	0	295	9	269	10	1,917	10												
			Total	31	100	3,346	100	2,721	100	20,120	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)														7.4	6.4	.18	7.0	.07	7.0	.07	
	tmreadinghrscol	1	0 hrs	0	0	17	1	7	0	70	0												
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	15	48	1,758	53	1,315	48	9,645	48												
		3	More than 5, up to 10 hrs	7	23	926	28	803	30	6,004	30												
		4	More than 10, up to 15 hrs	5	16	332	10	292	11	2,183	11												
		5	More than 15, up to 20 hrs	2	6	151	5	147	5	1,043	5												
		6	More than 20, up to 25 hrs	2	6	98	3	95	3	748	4												
		7	More than 25 hrs	0	0	55	2	58	2	370	2												
			Total	31	100	3,337	100	2,717	100	20,063	100												
<b>18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																							
a.	Writing clearly and effectively	pgwrite	1	Very little	1	3	91	3	103	4	605	3	3.1	3.2	-.11	3.2	-.04	3.2	-.10				
		2	Some	6	19	565	17	490	18	3,309	16												
		3	Quite a bit	12	39	1,227	37	990	36	7,455	37												
		4	Very much	12	39	1,469	44	1,132	42	8,738	43												
			Total	31	100	3,352	100	2,715	100	20,107	100												

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>		NSSE 2019 & 2020		
														Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	
b. Speaking clearly and effectively	pgspeak	1	Very little	1	3	142	4	146	5	1,113	6	<b>3.2</b>	3.1	.03	3.1	.10	3.1	.08
		2	Some	6	19	636	19	559	21	3,921	19							
		3	Quite a bit	11	35	1,194	36	982	36	7,216	36							
		4	Very much	13	42	1,380	41	1,036	38	7,879	39							
		Total		31	100	3,352	100	2,723	100	20,129	100							
c. Thinking critically and analytically	pgthink	1	Very little	1	3	64	2	68	2	381	2	<b>3.4</b>	3.3	.02	3.3	.05	3.3	.02
		2	Some	2	6	383	11	315	12	2,305	11							
		3	Quite a bit	13	42	1,250	37	1,020	37	7,512	37							
		4	Very much	15	48	1,650	49	1,320	48	9,943	49							
		Total		31	100	3,347	100	2,723	100	20,141	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	3	10	384	11	392	14	2,684	13	<b>2.6</b>	2.7	-.09	2.6	.01	2.7	-.03
		2	Some	10	32	997	30	867	32	6,184	31							
		3	Quite a bit	13	42	1,086	32	802	29	6,168	31							
		4	Very much	5	16	882	26	659	24	5,088	25							
		Total		31	100	3,349	100	2,720	100	20,124	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	13	255	8	234	9	1,436	7	<b>2.9</b>	3.0	-.10	3.0	-.02	3.0	-.08
		2	Some	4	13	688	21	617	23	4,372	22							
		3	Quite a bit	13	42	1,124	34	904	33	6,887	34							
		4	Very much	10	32	1,284	38	971	36	7,445	37							
		Total		31	100	3,351	100	2,726	100	20,140	100							
f. Working effectively with others	pgothers	1	Very little	1	3	97	3	112	4	881	4	<b>3.1</b>	3.2	-.17	3.1	-.09	3.1	-.09
		2	Some	7	23	584	17	480	18	3,620	18							
		3	Quite a bit	12	39	1,196	36	1,037	38	7,434	37							
		4	Very much	11	35	1,475	44	1,089	40	8,214	41							
		Total		31	100	3,352	100	2,718	100	20,149	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	1	3	279	8	269	10	1,648	8	<b>3.0</b>	3.0	.04	2.9	.14	3.0	.06
		2	Some	7	23	696	21	642	24	4,429	22							
		3	Quite a bit	13	42	1,138	34	904	33	6,875	34							
		4	Very much	10	32	1,234	37	905	33	7,176	36							
		Total		31	100	3,347	100	2,720	100	20,128	100							

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Frequencies and Statistical Comparisons: Interdisc. Studies

### Tennessee Technological University

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

				Frequency Distributions								Statistical Comparisons <sup>k</sup>						
				Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup>	Response options	Count		Count		Count		Count		Mean	Mean	Effect size <sup>n</sup>		Effect size <sup>n</sup>		
				%	%	%	%	%	%	Mean	Mean							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	3	214	6	245	9	1,475	7	2.8	3.0	-.22	2.9	-.06	3.0	-.15
		2	Some	11	35	697	21	679	25	4,610	23							
		3	Quite a bit	11	35	1,168	35	899	33	6,901	34							
		4	Very much	8	26	1,272	38	898	33	7,146	35							
		Total		31	100	3,351	100	2,721	100	20,132	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	3	10	253	8	227	8	1,496	7	2.8	2.9	-.12	2.9	-.04	2.9	-.07
		2	Some	7	23	797	24	694	26	5,165	26							
		3	Quite a bit	13	42	1,163	35	1,002	37	7,199	36							
		4	Very much	8	26	1,133	34	798	29	6,272	31							
		Total		31	100	3,346	100	2,721	100	20,132	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	2	6	291	9	285	10	1,764	9	2.6	2.9	-.29	2.8	-.19	2.9	-.26
		2	Some	12	39	805	24	711	26	5,132	25							
		3	Quite a bit	12	39	1,133	34	896	33	6,816	34							
		4	Very much	5	16	1,119	33	826	30	6,423	32							
		Total		31	100	3,348	100	2,718	100	20,135	100							
<b>19. How would you evaluate your entire educational experience at this institution?</b>																		
	evalexp	1	Poor	1	3	63	2	71	3	400	2	3.3	3.3	.01	3.2	.06	3.3	-.04
		2	Fair	6	19	414	12	317	12	2,104	10							
		3	Good	7	23	1,400	42	1,221	45	8,385	42							
		4	Excellent	17	55	1,485	44	1,117	41	9,297	46							
		Total		31	100	3,362	100	2,726	100	20,186	100							
<b>20. If you could start over again, would you go to the same institution you are now attending?</b>																		
	sameinst	1	Definitely no	1	3	133	4	137	5	842	4	3.3	3.3	.01	3.2	.07	3.3	.01
		2	Probably no	3	10	414	12	323	12	2,336	12							
		3	Probably yes	13	42	1,196	36	1,032	38	7,322	36							
		4	Definitely yes	14	45	1,623	48	1,238	45	9,723	48							
		Total		31	100	3,366	100	2,730	100	20,223	100							

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
22a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	23	100	1,536	80	1,572	75	9,185	76	29	94	2,806	84	2,222	82	16,215	80
		More than one	0	0	382	20	512	25	2,977	24	2	6	552	16	504	18	3,962	20
		Total	23	100	1,918	100	2,084	100	12,162	100	31	100	3,358	100	2,726	100	20,177	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 <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	0	0	32	2	57	3	341	3	0	0	36	1	56	2	339	2
		Biological Sci., Agriculture, & Natural Resources	8	35	267	14	458	22	2,035	17	7	23	387	11	409	15	2,516	12
		Physical Sci., Mathematics, & Computer Science	0	0	2	0	7	0	34	0	0	0	9	0	10	0	57	0
		Social Sciences	0	0	34	2	48	2	320	3	0	0	42	1	49	2	349	2
		Business	0	0	31	2	37	2	253	2	0	0	25	1	27	1	312	2
		Communications, Media, & Public Relations	8	35	1,211	63	1,243	59	6,955	57	6	19	1,482	44	1,411	52	9,134	45
		Education	0	0	5	0	5	0	51	0	0	0	3	0	7	0	49	0
		Engineering	0	0	7	0	2	0	23	0	0	0	7	0	8	0	29	0
		Health Professions	0	0	154	8	92	4	967	8	1	3	554	16	225	8	2,711	13
		Social Service Professions	0	0	56	3	18	1	387	3	0	0	83	2	41	1	949	5
		All Other	7	30	128	7	129	6	838	7	17	55	752	22	496	18	3,850	19
		Undecided, Undeclared	0	0	1	0	3	0	6	0	0	0	1	0	0	0	4	0
		Total	23	100	1,928	100	2,099	100	12,210	100	31	100	3,381	100	2,739	100	20,299	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 <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	0	0	48	13	75	15	376	13	0	0	50	9	57	12
Biological Sci., Agriculture, & Natural Resources	0			0	37	10	71	14	323	11	1	50	43	8	61	12	340	9
Physical Sci., Mathematics, & Computer Science	0			0	5	1	7	1	45	2	0	0	3	1	6	1	44	1
Social Sciences	0			0	36	10	50	10	306	10	0	0	64	12	53	11	385	10
Business	0			0	35	9	35	7	202	7	1	50	52	10	25	5	277	7
Communications, Media, & Public Relations	0			0	133	35	205	41	1,123	38	0	0	106	20	182	37	1,085	28
Education	0			0	3	1	3	1	31	1	0	0	16	3	5	1	76	2
Engineering	0			0	3	1	2	0	12	0	0	0	6	1	3	1	19	0
Health Professions	0			0	22	6	16	3	148	5	0	0	80	15	35	7	516	13
Social Service Professions	0			0	27	7	12	2	138	5	0	0	37	7	15	3	276	7
All Other	0			0	20	5	13	3	176	6	0	0	77	14	48	10	401	10
Undecided, Undeclared	0			0	7	2	17	3	51	2	0	0	2	0	4	1	41	1
Total	0			0	376	100	506	100	2,931	100	2	100	536	100	494	100	3,903	100
23. What is your class level?	class			Freshman/First-year	16	70	1,534	81	1,794	87	10,340	86	0	0	6	0	3	0
		Sophomore	7	30	297	16	220	11	1,362	11	0	0	20	1	14	1	132	1
		Junior	0	0	56	3	44	2	242	2	0	0	155	5	151	6	1,146	6
		Senior	0	0	4	0	6	0	42	0	30	97	3,081	93	2,511	92	18,335	91
		Unclassified	0	0	5	0	2	0	51	0	1	3	68	2	38	1	423	2
		Total	23	100	1,896	100	2,066	100	12,037	100	31	100	3,330	100	2,717	100	20,082	100

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	6	0	6	0	55	0	2	6	93	3	53	2	515	3
		1	1	4	9	0	10	0	154	1	3	10	146	4	101	4	1,076	5
		2	0	0	28	1	9	0	293	2	3	10	281	8	211	8	2,152	11
		3	0	0	37	2	25	1	352	3	1	3	409	12	253	9	2,266	11
		4	7	30	412	22	390	19	2,789	23	7	23	1,006	30	828	30	5,789	29
		5	9	39	869	46	996	48	5,136	43	8	26	825	25	732	27	4,648	23
		6	3	13	391	21	438	21	2,181	18	3	10	369	11	353	13	2,120	11
		7 or more	3	13	151	8	196	9	1,124	9	4	13	222	7	189	7	1,569	8
		Total	23	100	1,903	100	2,070	100	12,084	100	31	100	3,351	100	2,720	100	20,135	100
b. Of these, how many are taught mostly or entirely online (most or all interactions with instructors and students take place online)?	onlinenum20	0	12	52	634	50	663	63	4,035	61	11	35	830	35	589	41	4,663	44
		1	8	35	310	24	214	20	1,232	19	9	29	483	20	343	24	2,251	21
		2	0	0	176	14	87	8	528	8	6	19	393	17	231	16	1,439	14
		3	1	4	61	5	33	3	243	4	1	3	271	11	85	6	830	8
		4	2	9	38	3	24	2	265	4	2	6	219	9	111	8	722	7
		5	0	0	26	2	20	2	169	3	0	0	95	4	37	3	304	3
		6	0	0	16	1	11	1	66	1	1	3	37	2	33	2	161	2
		7 or more	0	0	9	1	5	0	100	2	1	3	30	1	20	1	272	3
		Total	23	100	1,270	100	1,057	100	6,638	100	31	100	2,358	100	1,449	100	10,642	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum20.)	onlinecscol20	No courses taken online	12	52	634	50	663	63	4,035	61	11	35	830	35	589	41	4,663	44
		Some courses taken online	9	39	543	43	338	32	1,912	29	11	35	974	41	559	39	3,695	35
		All courses taken online	2	9	93	7	56	5	691	10	9	29	552	23	301	21	2,282	21
		Total	23	100	1,270	100	1,057	100	6,638	100	31	100	2,356	100	1,449	100	10,640	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	35	2	34	2	202	2	0	0	12	0	9	0	63	0
		C	1	4	61	3	38	2	254	2	1	3	46	1	43	2	238	1
		C+	1	4	80	4	55	3	404	3	1	3	152	5	72	3	628	3
		B-	0	0	114	6	96	5	611	5	3	10	190	6	146	5	984	5
		B	7	30	286	15	289	14	1,746	14	3	10	550	16	420	15	2,946	15
		B+	6	26	338	18	362	18	2,175	18	5	16	657	20	494	18	3,623	18
		A-	4	17	401	21	565	27	2,931	24	8	26	676	20	651	24	4,641	23
		A	4	17	582	31	629	30	3,731	31	10	32	1,058	32	881	32	6,964	35
		Total	23	100	1,897	100	2,068	100	12,054	100	31	100	3,341	100	2,716	100	20,087	100
26. Did you begin college at this institution or elsewhere?	begincol	Started here	18	78	1,673	88	1,896	92	10,812	90	12	39	1,650	50	1,547	57	10,093	50
		Started elsewhere	5	22	218	12	166	8	1,217	10	19	61	1,682	50	1,155	43	9,942	50
		Total	23	100	1,891	100	2,062	100	12,029	100	31	100	3,332	100	2,702	100	20,035	100

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
27. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	3	13	60	3	46	2	485	4	4	13	235	7	163	6	1,945	10
	attend_com	Community or junior college	3	13	195	10	172	8	1,184	10	17	57	1,511	45	1,069	40	8,861	44
	attend_col	4-year college or university other than this one	4	17	192	10	176	9	1,108	9	10	33	920	28	718	27	5,487	27
	attend_none	None	14	61	1,441	76	1,639	80	9,243	77	7	23	1,196	36	1,172	43	7,525	38
	attend_other	Other	1	4	48	3	58	3	382	3	0	0	90	3	85	3	769	4
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	4	17	166	9	137	7	1,012	8	3	10	259	8	163	6	1,637	8
		Bachelor's degree (B.A., B.S., etc.)	14	61	972	51	992	48	5,958	50	13	42	1,444	43	1,220	45	8,785	44
		Master's degree (M.A., M.S., etc.)	5	22	588	31	721	35	3,930	33	12	39	1,237	37	1,009	37	7,580	38
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	162	9	199	10	1,099	9	3	10	405	12	318	12	2,068	10
		Total	23	100	1,888	100	2,049	100	11,999	100	31	100	3,345	100	2,710	100	20,070	100
29. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	2	9	51	3	53	3	506	4	1	3	148	4	126	5	1,236	6
		High school diploma or G.E.D.	3	13	277	15	277	14	1,929	16	11	35	659	20	488	18	4,181	21
		Attended college, but did not complete degree	6	26	209	11	177	9	1,207	10	2	6	375	11	273	10	2,209	11
		Associate's degree (A.A., A.S., etc.)	2	9	160	8	140	7	974	8	6	19	346	10	224	8	1,967	10
		Bachelor's degree (B.A., B.S., etc.)	3	13	612	32	658	32	3,661	31	4	13	964	29	792	29	5,545	28
		Master's degree (M.A., M.S., etc.)	4	17	458	24	561	27	2,812	23	4	13	628	19	587	22	3,640	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	13	121	6	184	9	903	8	3	10	215	6	213	8	1,241	6
		Total	23	100	1,888	100	2,050	100	11,992	100	31	100	3,335	100	2,703	100	20,019	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	10	43	1,191	63	1,403	68	7,376	62	11	35	1,807	54	1,592	59	10,426	52
		First-generation	13	57	697	37	647	32	4,616	38	20	65	1,528	46	1,111	41	9,593	48
		Total	23	100	1,888	100	2,050	100	11,992	100	31	100	3,335	100	2,703	100	20,019	100
30. What is your gender identity?	genderid	Man	9	39	529	28	554	27	3,323	28	10	32	870	26	717	26	5,835	29
		Woman	14	61	1,321	70	1,465	71	8,467	70	20	65	2,393	72	1,926	71	13,805	69
		Another gender identity	0	0	26	1	22	1	121	1	0	0	32	1	25	1	178	1
		I prefer not to respond	0	0	16	1	14	1	100	1	1	3	46	1	38	1	237	1
		Total	23	100	1,892	100	2,055	100	12,011	100	31	100	3,341	100	2,706	100	20,055	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	19	83	1,691	90	1,906	93	10,423	87	0	0	21	1	13	0	98	0
		20-23	1	4	130	7	97	5	714	6	15	50	2,067	62	1,794	67	11,823	59
		24-29	0	0	19	1	14	1	218	2	6	20	593	18	441	16	3,056	15
		30-39	1	4	18	1	13	1	297	2	5	17	302	9	216	8	2,353	12
		40-55	2	9	19	1	12	1	264	2	2	7	261	8	181	7	2,159	11
		Over 55	0	0	3	0	1	0	32	0	2	7	64	2	38	1	398	2
		Total	23	100	1,880	100	2,043	100	11,948	100	30	100	3,308	100	2,683	100	19,887	100

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>									
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020			
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
32a. Are you an international student?	internat	No	23	100	1,859	98	1,972	96	11,533	96	31	100	3,264	98	2,632	97	19,536	98		
		Yes	0	0	32	2	77	4	454	4	0	0	60	2	68	3	457	2		
		Total	23	100	1,891	100	2,049	100	11,987	100	31	100	3,324	100	2,700	100	19,993	100		
	[If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	countrycol <i>(Recoded from country.)</i>	Africa Sub-Saharan	0	0	1	4	1	1	18	5	0	0	8	16	3	5	25	6	
			Asia	0	0	13	54	34	51	207	52	0	0	11	22	18	32	172	44	
			Canada	0	0	1	4	4	6	13	3	0	0	2	4	3	5	14	4	
			Europe	0	0	4	17	13	19	66	17	0	0	9	18	8	14	61	16	
			Latin America and Caribbean	0	0	3	13	14	21	76	19	0	0	14	29	19	34	85	22	
			Middle East and North Africa	0	0	1	4	1	1	8	2	0	0	4	8	4	7	17	4	
			Oceania	0	0	1	4	0	0	8	2	0	0	1	2	1	2	13	3	
Unknown region/uncoded			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	0	0	24	100	67	100	396	100	0	0	49	100	56	100	387	100				
33. How would you describe yourself? (Select all that apply.)	re_amind re_asian re_black re_latino re_mena re_pacific re_white re_another re_pnr	American Indian or Alaska Native	0	0	41	2	42	2	275	2	0	0	60	2	57	2	415	2		
		Asian	0	0	90	5	169	8	978	8	0	0	156	5	165	6	1,260	6		
		Black or African American	0	0	424	22	252	12	1,500	13	0	0	733	22	327	12	2,573	13		
		Hispanic or Latina/o	0	0	191	10	303	15	1,776	15	0	0	375	11	435	16	2,908	15		
		Middle Eastern or N. African	0	0	16	1	27	1	107	1	0	0	28	1	23	1	166	1		
		Native Hawaiian/Other Pac. Islander	0	0	23	1	29	1	140	1	0	0	28	1	24	1	228	1		
		White	22	96	1,304	69	1,487	73	8,394	70	29	94	2,181	65	1,874	69	13,643	68		
		Another race or ethnicity	0	0	16	1	23	1	138	1	2	6	48	1	36	1	277	1		
		I prefer not to respond	1	4	34	2	25	1	236	2	0	0	85	3	73	3	580	3		
		Racial or ethnic identification	re_all19 <i>(Items re_amind to re_pnr recoded where each student is represented only once)</i>	American Indian or Alaska Native	0	0	5	0	5	0	46	0	0	0	7	0	15	1	104	1
				Asian	0	0	53	3	107	5	688	6	0	0	102	3	105	4	876	4
				Black or African American	0	0	348	18	177	9	1,128	9	0	0	630	19	263	10	2,119	11
				Hispanic or Latina/o	0	0	85	5	162	8	1,088	9	0	0	226	7	276	10	2,006	10
Middle Eastern or N. African	0			0	7	0	13	1	44	0	0	0	15	0	13	0	91	0		
Native Hawaiian/Other Pac. Islander	0			0	5	0	3	0	26	0	0	0	5	0	6	0	79	0		
White	22			96	1,128	60	1,270	62	7,273	61	29	94	1,944	58	1,653	61	12,267	61		
Another race or ethnicity	0			0	5	0	10	0	46	0	2	6	20	1	17	1	123	1		
Multiracial	0			0	216	11	272	13	1,374	11	0	0	303	9	278	10	1,753	9		
Total	23	100	1,886	100	2,044	100	11,949	100	31	100	3,337	100	2,699	100	19,998	100				
34. Are you a member of a social fraternity or sorority?	greek	No	20	87	1,604	85	1,792	87	10,685	89	24	77	2,841	85	2,318	86	17,572	88		
		Yes	3	13	290	15	260	13	1,301	11	7	23	498	15	390	14	2,445	12		
		Total	23	100	1,894	100	2,052	100	11,986	100	31	100	3,339	100	2,708	100	20,017	100		



# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
35. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	8	35	1,292	69	1,588	78	8,336	70	1	3	324	10	293	11	2,952	15
		Fraternity or sorority house	0	0	15	1	14	1	78	1	0	0	50	2	38	1	223	1
		House, apartment, or other residence within walking distance to campus	1	4	155	8	108	5	626	5	6	19	721	22	820	30	4,407	22
		House, apartment, or other residence farther than walk. dist. to campus	14	61	384	20	308	15	2,265	19	21	68	1,926	58	1,315	49	9,222	46
		Not applicable: No campus, entirely online program, etc.	0	0	29	2	20	1	605	5	3	10	292	9	222	8	3,072	15
		Not applicable: Homeless or in transition	0	0	3	0	4	0	40	0	0	0	13	0	13	0	69	0
		Total	23	100	1,878	100	2,042	100	11,950	100	31	100	3,326	100	2,701	100	19,945	100
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	23	100	1,768	94	1,939	95	10,982	92	30	97	3,240	97	2,617	97	19,094	96
		Yes	0	0	110	6	104	5	974	8	1	3	94	3	76	3	881	4
		Total	23	100	1,878	100	2,043	100	11,956	100	31	100	3,334	100	2,693	100	19,975	100
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	21	91	1,854	98	2,033	99	11,744	98	31	100	3,133	94	2,589	96	18,445	92
		Yes	2	9	29	2	15	1	196	2	0	0	186	6	105	4	1,517	8
		Total	23	100	1,883	100	2,048	100	11,940	100	31	100	3,319	100	2,694	100	19,962	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	20	87	1,550	82	1,666	81	9,633	80	27	87	2,702	81	2,128	79	16,008	80
		Yes	3	13	267	14	311	15	1,855	15	4	13	504	15	470	17	3,195	16
		I prefer not to respond	0	0	73	4	71	3	495	4	0	0	130	4	108	4	812	4
		Total	23	100	1,890	100	2,048	100	11,983	100	31	100	3,336	100	2,706	100	20,015	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense dis_mobility dis_learning dis_mental dis_other	A sensory impairment (vision or hearing)	1	33	31	12	37	12	197	11	0	0	47	9	67	14	388	12
		A mobility impairment	0	0	14	5	9	3	87	5	0	0	44	9	40	9	305	10
		A learning disability (e.g., ADHD, dyslexia)	1	33	115	43	128	41	793	43	3	75	225	45	199	42	1,312	41
		A mental health disorder	1	33	131	49	161	52	957	52	1	25	267	53	266	57	1,644	52
		A disability or impairment not listed above	0	0	60	22	58	19	316	17	0	0	93	18	81	17	678	21
		Disability or impairment	disability_all (Items dis_sense to dis_other recoded where each student is represented only once.)	A sensory impairment	1	4	15	1	24	1	108	1	0	0	23	1	37	1
		A mobility impairment	0	0	8	0	4	0	31	0	0	0	15	0	17	1	127	1
		A learning disability	1	4	68	4	78	4	488	4	3	10	122	4	89	3	707	4
		A mental health disorder	1	4	75	4	105	5	600	5	1	3	153	5	145	5	919	5
		A disability or impairment not listed	0	0	31	2	32	2	192	2	0	0	50	1	33	1	348	2
		More than one disability or impairment	0	0	70	4	68	3	432	4	0	0	141	4	148	5	910	5
		No disability or impairment	20	87	1,550	82	1,666	81	9,633	80	27	87	2,702	81	2,128	79	16,008	80
		Prefer not to respond	0	0	73	4	71	3	495	4	0	0	130	4	108	4	812	4
		Total	23	100	1,890	100	2,048	100	11,979	100	31	100	3,336	100	2,705	100	20,004	100

# NSSE 2020 Major Field Report, Part II: Comparisons to Other Institutions

## Respondent Profile: Interdisc. Studies Tennessee Technological University

### Interdisc. Studies

			First-Year Students <sup>a</sup>								Seniors <sup>a</sup>							
			Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020		Tennessee Tech		Southeast Public		Carnegie Class		NSSE 2019 & 2020	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
39. Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	18	78	1,484	78	1,569	77	9,293	78	27	87	2,713	81	2,171	80	16,330	82
		Bisexual	0	0	169	9	228	11	1,177	10	0	0	223	7	202	7	1,334	7
		Gay	0	0	46	2	52	3	222	2	0	0	73	2	68	3	394	2
		Lesbian	1	4	43	2	26	1	190	2	0	0	57	2	38	1	261	1
		Queer	0	0	23	1	24	1	157	1	0	0	39	1	40	1	291	1
		Questioning or unsure	1	4	30	2	42	2	232	2	0	0	31	1	39	1	207	1
		Another sexual orientation	1	4	29	2	32	2	185	2	1	3	49	1	34	1	229	1
		I prefer not to respond	2	9	68	4	76	4	521	4	3	10	150	4	114	4	962	5
<b>Total</b>			<b>23</b>	<b>100</b>	<b>1,892</b>	<b>100</b>	<b>2,049</b>	<b>100</b>	<b>11,977</b>	<b>100</b>	<b>31</b>	<b>100</b>	<b>3,335</b>	<b>100</b>	<b>2,706</b>	<b>100</b>	<b>20,008</b>	<b>100</b>

### Institution-reported information (Variables provided by your institution in your NSSE population file.)

Institution-reported: Sex	IRsex19	Female	14	61	1,386	72	1,532	73	8,739	72	20	65	2,486	74	1,994	73	14,206	70
		Male	9	39	542	28	569	27	3,421	28	11	35	896	26	746	27	6,011	30
		Another	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
		Unknown	0	0	0	0	0	0	58	0	0	0	0	0	0	0	88	0
		<b>Total</b>			<b>23</b>	<b>100</b>	<b>1,928</b>	<b>100</b>	<b>2,101</b>	<b>100</b>	<b>12,219</b>	<b>100</b>	<b>31</b>	<b>100</b>	<b>3,382</b>	<b>100</b>	<b>2,740</b>	<b>100</b>
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	5	0	6	0	63	1	0	0	8	0	11	0	123	1
		Asian	0	0	34	2	64	3	492	4	0	0	86	3	77	3	717	4
		Black or African American	0	0	328	20	172	9	1,047	9	0	0	622	21	259	11	1,939	10
		Hispanic or Latino	0	0	160	10	268	14	1,575	14	0	0	362	12	394	16	2,559	14
		Native Hawaiian/Other Pac. Islander	0	0	2	0	22	1	53	0	0	0	6	0	19	1	83	0
		White	22	96	968	60	1,124	60	6,678	60	29	94	1,742	58	1,453	60	11,128	60
		Other	0	0	0	0	3	0	4	0	0	0	1	0	2	0	4	0
		Foreign or nonresident	0	0	21	1	57	3	355	3	0	0	36	1	54	2	359	2
		Two or more races/ethnicities	1	4	71	4	98	5	529	5	0	0	111	4	94	4	711	4
<b>Total</b>			<b>23</b>	<b>100</b>	<b>1,625</b>	<b>100</b>	<b>1,865</b>	<b>100</b>	<b>11,173</b>	<b>100</b>	<b>31</b>	<b>100</b>	<b>3,029</b>	<b>100</b>	<b>2,433</b>	<b>100</b>	<b>18,467</b>	<b>100</b>
Institution-reported: Class level	IRclass	Freshman/First-year	23	100	1,928	100	2,101	100	12,219	100	0	0	0	0	0	0	0	0
		Sophomore	0	0	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	0	0
		Senior	0	0	0	0	0	0	0	0	31	100	3,382	100	2,740	100	20,305	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Total</b>			<b>23</b>	<b>100</b>	<b>1,928</b>	<b>100</b>	<b>2,101</b>	<b>100</b>	<b>12,219</b>	<b>100</b>	<b>31</b>	<b>100</b>	<b>3,382</b>	<b>100</b>	<b>2,740</b>	<b>100</b>
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	5	22	441	23	155	7	1,815	15	29	94	3,380	100	2,711	99	20,110	99
		First-time first-year	18	78	1,487	77	1,946	93	10,404	85	2	6	2	0	29	1	195	1
		<b>Total</b>			<b>23</b>	<b>100</b>	<b>1,928</b>	<b>100</b>	<b>2,101</b>	<b>100</b>	<b>12,219</b>	<b>100</b>	<b>31</b>	<b>100</b>	<b>3,382</b>	<b>100</b>	<b>2,740</b>	<b>100</b>
Institution-reported: Enrollment status	IRenrollment	Not full-time	2	9	66	3	45	2	533	4	9	29	687	20	419	15	3,784	19
		Full-time	21	91	1,862	97	2,056	98	11,686	96	22	71	2,695	80	2,321	85	16,521	81
		<b>Total</b>			<b>23</b>	<b>100</b>	<b>1,928</b>	<b>100</b>	<b>2,101</b>	<b>100</b>	<b>12,219</b>	<b>100</b>	<b>31</b>	<b>100</b>	<b>3,382</b>	<b>100</b>	<b>2,740</b>	<b>100</b>

## 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.M., & Gonyea, R.M. (2018). Contextualizing effect sizes in the National Survey of Student Engagement: An empirical analysis. *Research & Practice in Assessment*, 13 (Summer/Fall), pp. 22-38.