
Tennessee Technological University

NSSE 2019 Major Field Report, Part II

Comparisons to Other Institutions

Interdisc. Studies

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

The Major Field Report group 'Interdisc. Studies' includes the following majors: 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^a for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

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

		First-Year Students in Interdisc. Studies			Seniors in Interdisc. Studies		
Theme	Engagement Indicator	Your first-year students compared with Carnegie Class	Your first-year students compared with Quality Assurance	Your first-year students compared with NSSE 2018 & 2019	Your seniors compared with Carnegie Class	Your seniors compared with Quality Assurance	Your seniors compared with NSSE 2018 & 2019
	Higher-Order Learning				--	--	--
Academic Challenge	Reflective & Integrative Learning				--	--	--
	Learning Strategies				▲	--	▲
	Quantitative Reasoning				--	--	--
Learning with Peers	Collaborative Learning					--	--
	Discussions with Diverse Others				▼	▼	▼
Experiences with Faculty	Student-Faculty Interaction				--	--	--
	Effective Teaching Practices				--	--	--
Campus Environment	Quality of Interactions				▲	▲	--
	Supportive Environment				▼	▼	▼

Seniors^a in Interdisc. Studies

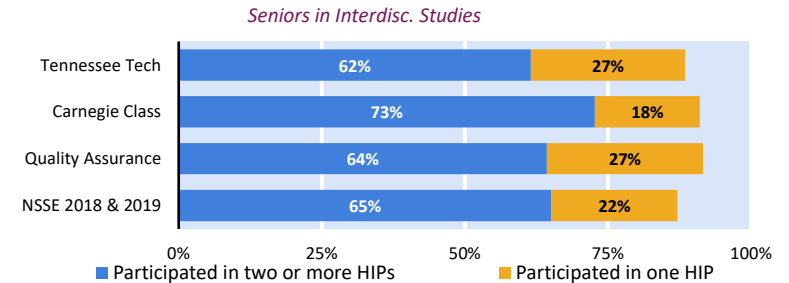
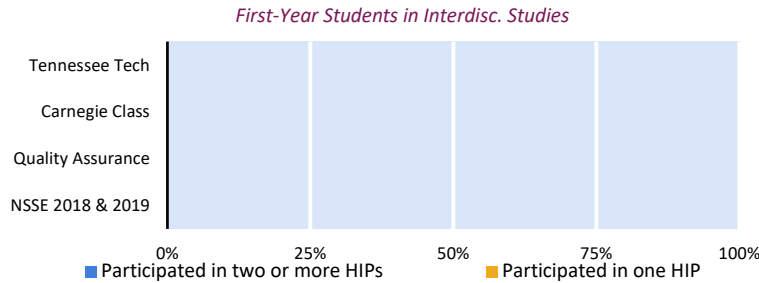
	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Academic Challenge												
Higher-Order Learning												
Tennessee Tech (N = 51)	40.2	12.9	1.81	20	35	40	50	60				
Carnegie Class	40.4	13.0	.22	20	30	40	50	60	3,723	-.2		-.013
Quality Assurance	41.4	15.1	1.26	20	30	40	55	60	102	-1.2		-.085
NSSE 2018 & 2019	40.7	13.1	.10	20	30	40	50	60	18,623	-.5		-.039
Reflective & Integrative Learning												
Tennessee Tech (N = 52)	38.4	12.5	1.73	17	29	39	49	57				
Carnegie Class	41.1	11.4	.19	23	34	40	49	60	3,750	-2.7		-.240
Quality Assurance	42.2	12.3	1.02	20	34	43	51	60	194	-3.8		-.308
NSSE 2018 & 2019	40.5	11.8	.09	20	31	40	49	60	18,796	-2.2		-.182
Learning Strategies												
Tennessee Tech (N = 51)	44.6	11.5	1.61	27	40	47	53	60				
Carnegie Class	36.9	14.3	.24	13	27	40	47	60	52	7.7	***	.538
Quality Assurance	41.3	14.9	1.26	13	33	40	60	60	114	3.3		.234
NSSE 2018 & 2019	38.4	14.4	.11	13	27	40	47	60	50	6.1	***	.425
Quantitative Reasoning												
Tennessee Tech (N = 51)	27.1	14.0	1.96	7	20	27	40	47				
Carnegie Class	28.4	16.1	.27	0	20	27	40	60	3,704	-1.3		-.081
Quality Assurance	29.1	17.4	1.46	7	13	27	40	60	191	-2.0		-.124
NSSE 2018 & 2019	27.8	16.2	.12	0	20	27	40	60	18,567	-.8		-.047
Learning with Peers												
Collaborative Learning												
Tennessee Tech (N = 52)	29.0	13.0	1.80	5	20	30	38	50				
Carnegie Class	33.2	14.0	.23	10	25	35	40	60	3,740	-4.2	*	-.297
Quality Assurance	33.1	15.5	1.30	5	20	35	45	60	192	-4.1		-.273
NSSE 2018 & 2019	30.0	15.4	.11	5	20	30	40	55	18,702	-1.0		-.065
Discussions with Diverse Others												
Tennessee Tech (N = 50)	35.0	14.6	2.07	5	25	35	40	60				
Carnegie Class	41.9	14.3	.24	20	30	40	55	60	3,721	-6.9	***	-.484
Quality Assurance	42.4	14.7	1.24	20	35	40	60	60	190	-7.4	**	-.503
NSSE 2018 & 2019	40.5	15.5	.11	15	30	40	55	60	18,601	-5.5	*	-.352

Seniors^a in Interdisc. Studies

	Mean statistics			Percentile ^d scores					Comparison results			
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	Mean diff.	Sig. ^f	Effect size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech (N = 52)	23.6	12.9	1.79	5	15	20	33	45				
Carnegie Class	25.0	15.7	.26	0	15	25	35	60	3,716	-1.5		-.093
Quality Assurance	28.0	16.3	1.37	0	15	25	40	60	114	-4.5	*	-.289
NSSE 2018 & 2019	24.7	16.2	.12	0	10	20	35	60	51	-1.1		-.068
Effective Teaching Practices												
Tennessee Tech (N = 52)	40.9	12.7	1.76	20	30	40	52	60				
Carnegie Class	39.8	12.7	.21	20	32	40	48	60	3,753	1.1		.086
Quality Assurance	40.6	15.1	1.26	12	32	40	56	60	194	.3		.024
NSSE 2018 & 2019	40.7	13.3	.10	20	32	40	52	60	18,803	.2		.016
Campus Environment												
Quality of Interactions												
Tennessee Tech (N = 45)	46.4	11.3	1.69	22	40	48	56	60				
Carnegie Class	42.1	11.2	.19	22	36	43	50	60	3,559	4.3	*	.385
Quality Assurance	42.0	12.6	1.09	20	34	44	50	60	176	4.4	*	.356
NSSE 2018 & 2019	43.6	11.8	.09	22	36	44	52	60	17,664	2.8		.241
Supportive Environment												
Tennessee Tech (N = 52)	27.9	12.7	1.76	3	20	30	38	45				
Carnegie Class	33.2	13.4	.22	13	23	33	40	58	3,742	-5.2	**	-.392
Quality Assurance	35.7	14.8	1.24	10	25	35	50	60	193	-7.7	***	-.542
NSSE 2018 & 2019	32.7	13.9	.10	10	23	33	43	58	18,681	-4.8	*	-.345

Overall HIP Participation^{a,h}

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



Statistical Comparisons

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

	<i>Your students' participation compared with:</i>							
	Tennessee Tech	Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
	%	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	Difference ⁱ	ES ^j	
<i>First-Year Students in Interdisc. Studies</i>								
12. Service-Learning								
11c. Learning Community								
11e. Research with Faculty								
Participated in at least one								
Participated in two or more								
<i>Seniors in Interdisc. Studies</i>								
12. Service-Learning	63	+3	.06	-2	-.04	-1	-.03	
11c. Learning Community	19	-4	-.10	-1	-.03	-3	-.08	
11e. Research with Faculty	33	+9	.20	+13	.30	+12	*.26	
11a. Internship or Field Exp.	44	-18	**-.36	-9	-.18	-10	-.20	
11d. Study Abroad	10	-19	**-.49	-3	-.10	-9	-.27	
11f. Culminating Senior Exp.	58	+2	.05	+9	.19	+6	.12	
Participated in at least one	88	-3	-.09	-3	-.11	+1	.04	
Participated in two or more	62	-11	-.24	-3	-.06	-4	-.07	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ		
														Mean	Effect size ⁿ	Mean	Effect size ⁿ	
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	63	2	1	1	217	2							
		2	Sometimes	5	28	877	34	29	31	3,478	30							
		3	Often	9	50	938	37	31	33	4,235	37							
		4	Very often	4	22	675	26	33	35	3,619	31							
		Total		18	100	2,553	100	94	100	11,549	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	3	17	453	18	18	19	1,797	16							
		2	Sometimes	9	50	907	36	30	32	4,033	35							
		3	Often	3	17	724	28	32	34	3,443	30							
		4	Very often	3	17	462	18	15	16	2,273	20							
		Total		18	100	2,546	100	95	100	11,546	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	1	6	170	7	3	3	581	5							
		2	Often	1	6	440	17	13	14	1,470	13							
		3	Sometimes	8	44	1,497	59	52	55	6,579	57							
		4	Never	8	44	446	17	26	28	2,934	25							
		Total		18	100	2,553	100	94	100	11,564	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	3	17	694	27	25	26	3,494	30							
		2	Sometimes	12	67	1,084	43	44	46	4,583	40							
		3	Often	2	11	508	20	16	17	2,281	20							
		4	Very often	1	6	264	10	10	11	1,193	10							
		Total		18	100	2,550	100	95	100	11,551	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	1	6	181	7	13	14	1,166	10							
		2	Sometimes	10	56	956	37	36	38	4,565	39							
		3	Often	6	33	964	38	29	31	4,001	35							
		4	Very often	1	6	454	18	17	18	1,832	16							
		Total		18	100	2,555	100	95	100	11,564	100							
f. Explained course material to one or more students	CLexplain	1	Never	1	6	89	3	4	4	738	6							
		2	Sometimes	6	33	962	38	42	44	4,407	38							
		3	Often	7	39	1,083	42	31	33	4,544	39							
		4	Very often	4	22	419	16	18	19	1,883	16							
		Total		18	100	2,553	100	95	100	11,572	100							

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First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	6	33	311	12	22	23	1,824	16						
		2	Sometimes	7	39	897	35	28	30	4,092	35						
		3	Often	2	11	857	34	28	30	3,674	32						
		4	Very often	3	17	487	19	16	17	1,964	17						
		Total		18	100	2,552	100	94	100	11,554	100						
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	11	144	6	6	6	934	8						
		2	Sometimes	5	28	934	37	38	40	4,094	35						
		3	Often	5	28	990	39	37	39	4,427	38						
		4	Very often	6	33	485	19	13	14	2,112	18						
		Total		18	100	2,553	100	94	100	11,567	100						
i. Given a course presentation	present	1	Never	2	11	474	19	16	17	1,710	15						
		2	Sometimes	8	44	1,124	44	26	28	4,448	38						
		3	Often	5	28	658	26	31	33	3,621	31						
		4	Very often	3	17	297	12	20	22	1,789	15						
		Total		18	100	2,553	100	93	100	11,568	100						
2. During the current school year, about how often have you done the following?																	
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	2	11	152	6	10	11	736	6						
		2	Sometimes	6	33	871	34	32	34	4,093	35						
		3	Often	8	44	1,067	42	33	35	4,630	40						
		4	Very often	2	11	462	18	19	20	2,101	18						
		Total		18	100	2,552	100	94	100	11,560	100						
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	1	6	123	5	11	12	700	6						
		2	Sometimes	7	39	739	29	28	30	3,646	32						
		3	Often	6	33	1,083	42	40	43	4,695	41						
		4	Very often	4	22	605	24	15	16	2,520	22						
		Total		18	100	2,550	100	94	100	11,561	100						
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	3	17	119	5	7	7	756	7						
		2	Sometimes	8	44	758	30	31	33	3,688	32						
		3	Often	3	17	1,037	41	34	36	4,494	39						
		4	Very often	4	22	632	25	22	23	2,621	23						
		Total		18	100	2,546	100	94	100	11,559	100						

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First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ		
														Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	0	0	70	3	1	1	354	3							
		2	Sometimes	5	28	726	28	33	35	3,247	28							
		3	Often	8	44	1,186	46	46	49	5,476	47							
		4	Very often	5	28	570	22	14	15	2,477	21							
		Total		18	100	2,552	100	94	100	11,554	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	0	0	44	2	1	1	201	2							
		2	Sometimes	6	33	589	23	24	26	2,674	23							
		3	Often	4	22	1,217	48	46	49	5,602	49							
		4	Very often	8	44	699	27	23	24	3,073	27							
		Total		18	100	2,549	100	94	100	11,550	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	0	0	53	2	2	2	239	2							
		2	Sometimes	8	44	685	27	29	31	3,124	27							
		3	Often	7	39	1,179	46	47	50	5,419	47							
		4	Very often	3	17	631	25	16	17	2,764	24							
		Total		18	100	2,548	100	94	100	11,546	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	19	1	3	3	99	1							
		2	Sometimes	5	28	428	17	20	22	2,031	18							
		3	Often	6	33	1,322	52	49	53	5,868	51							
		4	Very often	7	39	771	30	21	23	3,528	31							
		Total		18	100	2,540	100	93	100	11,526	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	3	17	456	18	14	15	2,015	17							
		2	Sometimes	8	44	1,133	44	36	38	4,973	43							
		3	Often	4	22	619	24	23	24	2,891	25							
		4	Very often	3	17	341	13	21	22	1,673	14							
		Total		18	100	2,549	100	94	100	11,552	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	7	39	1,082	43	46	49	4,979	43							
		2	Sometimes	8	44	872	34	27	29	3,763	33							
		3	Often	2	11	416	16	10	11	1,877	16							
		4	Very often	1	6	175	7	11	12	908	8							
		Total		18	100	2,545	100	94	100	11,527	100							

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First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	7	39	716	28	27	30	3,332	29								
		2	Sometimes	7	39	1,175	46	38	42	4,979	43								
		3	Often	1	6	478	19	17	19	2,301	20								
		4	Very often	3	17	172	7	8	9	901	8								
		Total		18	100	2,541	100	90	100	11,513	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	5	28	635	25	21	23	2,654	23								
		2	Sometimes	9	50	1,194	47	36	39	5,211	45								
		3	Often	3	17	525	21	23	25	2,638	23								
		4	Very often	1	6	191	8	13	14	1,016	9								
		Total		18	100	2,545	100	93	100	11,519	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	0	0	99	4	5	5	517	4								
		2	Some	4	22	647	25	18	19	3,188	28								
		3	Quite a bit	4	22	1,184	46	46	49	5,333	46								
		4	Very much	10	56	617	24	24	26	2,505	22								
		Total		18	100	2,547	100	93	100	11,543	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	6	73	3	5	5	414	4								
		2	Some	7	39	706	28	25	27	3,093	27								
		3	Quite a bit	6	33	1,226	48	46	49	5,583	48								
		4	Very much	4	22	540	21	17	18	2,428	21								
		Total		18	100	2,545	100	93	100	11,518	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	73	3	6	6	389	3								
		2	Some	7	39	632	25	23	24	2,863	25								
		3	Quite a bit	9	50	1,181	46	45	48	5,381	47								
		4	Very much	2	11	656	26	20	21	2,881	25								
		Total		18	100	2,542	100	94	100	11,514	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	11	56	2	4	4	292	3								
		2	Some	7	39	540	21	26	28	2,512	22								
		3	Quite a bit	6	33	1,217	48	40	43	5,552	48								
		4	Very much	3	17	720	28	24	26	3,141	27								
		Total		18	100	2,533	100	94	100	11,497	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	11	89	3	5	5	369	3						
		2	Some	6	33	655	26	19	21	2,806	24						
		3	Quite a bit	7	39	1,129	44	43	47	5,399	47						
		4	Very much	3	17	670	26	25	27	2,942	26						
		Total		18	100	2,543	100	92	100	11,516	100						
5. During the current school year, to what extent have your instructors done the following?																	
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	33	1	1	1	202	2						
		2	Some	2	11	502	20	27	29	2,324	20						
		3	Quite a bit	7	39	1,258	50	37	40	5,499	48						
		4	Very much	9	50	747	29	28	30	3,499	30						
		Total		18	100	2,540	100	93	100	11,524	100						
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	63	2	5	5	367	3						
		2	Some	3	17	534	21	32	34	2,515	22						
		3	Quite a bit	6	33	1,287	51	32	34	5,443	47						
		4	Very much	9	50	657	26	25	27	3,190	28						
		Total		18	100	2,541	100	94	100	11,515	100						
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	76	3	5	5	414	4						
		2	Some	4	22	563	22	21	23	2,524	22						
		3	Quite a bit	6	33	1,185	47	42	46	5,153	45						
		4	Very much	8	44	712	28	24	26	3,409	30						
		Total		18	100	2,536	100	92	100	11,500	100						
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	1	6	167	7	7	8	702	6						
		2	Some	8	44	775	31	21	23	3,229	28						
		3	Quite a bit	6	33	978	39	37	40	4,377	38						
		4	Very much	3	17	618	24	28	30	3,200	28						
		Total		18	100	2,538	100	93	100	11,508	100						
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	4	22	225	9	11	12	901	8						
		2	Some	4	22	897	35	24	26	3,717	32						
		3	Quite a bit	5	28	959	38	34	36	4,404	38						
		4	Very much	5	28	462	18	25	27	2,483	22						
		Total		18	100	2,543	100	94	100	11,505	100						

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
												Your first-year students compared with								
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ		
c. 11 pages or more	wrlongnum	0	None	16	89	1,878	74	73	78	8,515	74									
		(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	2	11	468	18	16	17	2,096									18
			4	3-5	0	0	96	4	2	2	447									4
			8	6-10	0	0	49	2	2	2	218									2
			13	11-15	0	0	28	1	1	1	122									1
			18	16-20	0	0	6	0	0	0	40									0
			23	More than 20	0	0	11	0	0	0	59									1
Total				18	100	2,536	100	94	100	11,497	100									
Estimated number of assigned pages of student writing.																				

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

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				Frequency Distributions								Statistical Comparisons ^k																							
				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019			
				Count				%				Count				%				Count				%				Mean				Effect size ⁿ			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
9. During the current school year, about how often have you done the following?																																			
a. Identified key information from reading assignments	LSreading	1	Never	0	0	30	1	4	4	151	1																								
		2	Sometimes	4	22	487	19	17	18	2,248	20																								
		3	Often	8	44	1,265	50	45	48	5,706	50																								
		4	Very often	6	33	752	30	28	30	3,393	30																								
			Total	18	100	2,534	100	94	100	11,498	100																								
b. Reviewed your notes after class	LSnotes	1	Never	0	0	142	6	5	5	593	5																								
		2	Sometimes	6	35	832	33	25	27	3,495	30																								
		3	Often	5	29	895	35	33	35	4,217	37																								
		4	Very often	6	35	667	26	30	32	3,191	28																								
			Total	17	100	2,536	100	93	100	11,496	100																								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	0	0	168	7	8	9	640	6																								
		2	Sometimes	5	29	806	32	28	30	3,592	31																								
		3	Often	8	47	1,034	41	34	36	4,644	40																								
		4	Very often	4	24	531	21	24	26	2,631	23																								
			Total	17	100	2,539	100	94	100	11,507	100																								
10. During the current school year, to what extent have your courses challenged you to do your best work?																																			
	challenge	1	Not at all	0	0	20	1	2	2	89	1																								
		2		0	0	21	1	1	1	122	1																								
		3		0	0	120	5	6	6	527	5																								
		4		3	18	340	13	7	7	1,456	13																								
		5		7	41	987	39	28	30	4,042	35																								
		6		4	24	619	24	24	26	2,916	25																								
		7	Very much	3	18	427	17	26	28	2,337	20																								
			Total	17	100	2,534	100	94	100	11,489	100																								
11. Which of the following have you done or do you plan to do before you graduate?^o																																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern		Have not decided	3	18	225	9	15	16	1,231	11																								
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	3	18	98	4	3	3	568	5																								
			Plan to do	10	59	1,988	78	70	74	8,745	76																								
			Done or in progress	1	6	229	9	6	6	977	8																								
			Total	17	100	2,540	100	94	100	11,521	100																								

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

			Frequency Distributions								Statistical Comparisons ^k							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	7	41	506	20	32	34	2,740	24								
		Do not plan to do	3	18	388	15	18	19	2,177	19								
		Plan to do	7	41	1,210	48	33	35	4,894	43								
		Done or in progress	0	0	429	17	11	12	1,687	15								
		Total	17	100	2,533	100	94	100	11,498	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	9	53	731	29	31	33	3,691	32								
		Do not plan to do	5	29	769	30	20	21	3,151	27								
		Plan to do	2	12	607	24	31	33	3,031	26								
		Done or in progress	1	6	422	17	12	13	1,607	14								
		Total	17	100	2,529	100	94	100	11,480	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	4	24	523	21	29	31	2,787	24								
		Do not plan to do	9	53	352	14	25	27	2,408	21								
		Plan to do	4	24	1,554	61	39	41	5,889	51								
		Done or in progress	0	0	103	4	1	1	405	4								
		Total	17	100	2,532	100	94	100	11,489	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	5	31	936	37	37	39	4,481	39								
		Do not plan to do	4	25	656	26	28	30	2,907	25								
		Plan to do	7	44	825	33	24	26	3,600	31								
		Done or in progress	0	0	119	5	5	5	510	4								
		Total	16	100	2,536	100	94	100	11,498	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	10	59	735	29	28	30	3,315	29								
		Do not plan to do	2	12	237	9	6	6	982	9								
		Plan to do	5	29	1,516	60	57	61	6,981	61								
		Done or in progress	0	0	41	2	3	3	204	2								
		Total	17	100	2,529	100	94	100	11,482	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	Tennessee Tech	Carnegie Class	Quality Assurance	NSSE 2018 & 2019	Mean	Effect size ⁿ
None	10	59	1,341	53	47	50	5,403	47			
Some	7	41	1,016	40	38	40	4,998	44			
Most	0	0	145	6	8	9	876	8			
All	0	0	34	1	1	1	203	2			
Total	17	100	2,536	100	94	100	11,480	100			

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k								
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
13. Indicate the quality of your interactions with the following people at your institution.																				
a. Students	QIstudent	1	Poor	0	0	32	1	1	1	163	1									
			2	0	0	45	2	6	6	237	2									
			3	2	12	113	4	6	6	564	5									
			4	4	24	287	11	9	10	1,448	13									
			5	0	0	719	28	24	26	3,048	26									
			6	6	35	694	27	18	19	2,929	25									
			7	5	29	643	25	29	31	2,945	26									
			—	0	0	7	0	0	0	177	2									
			Total	17	100	2,540	100	93	100	11,511	100									
b. Academic advisors	QIadvisor	1	Poor	0	0	62	2	4	4	304	3									
			2	0	0	87	3	8	9	435	4									
			3	4	24	178	7	4	4	804	7									
			4	1	6	345	14	10	11	1,479	13									
			5	2	12	523	21	20	21	2,278	20									
			6	6	35	561	22	15	16	2,382	21									
			7	4	24	746	29	31	33	3,614	31									
			—	0	0	33	1	2	2	207	2									
			Total	17	100	2,535	100	94	100	11,503	100									
c. Faculty	QIfaculty	1	Poor	0	0	26	1	1	1	112	1									
			2	0	0	54	2	3	3	241	2									
			3	0	0	129	5	8	9	576	5									
			4	3	18	362	14	14	15	1,504	13									
			5	3	18	736	29	19	20	2,993	26									
			6	7	41	734	29	23	24	3,266	28									
			7	3	18	481	19	25	27	2,706	24									
			—	1	6	12	0	1	1	102	1									
			Total	17	100	2,534	100	94	100	11,500	100									

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	0	0	68	3	6	6	365	3						
		2		0	0	88	3	7	7	404	4						
		3		1	6	147	6	5	5	751	7						
		4		1	6	422	17	14	15	1,644	14						
		5		2	12	570	22	16	17	2,505	22						
		6		5	29	601	24	15	16	2,422	21						
		7	Excellent	3	18	490	19	24	26	2,439	21						
		—	Not applicable	5	29	150	6	7	7	964	8						
Total				17	100	2,536	100	94	100	11,494	100						
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	0	0	78	3	8	9	367	3						
		2		0	0	95	4	7	7	472	4						
		3		2	13	197	8	7	7	865	8						
		4		4	25	439	17	10	11	1,757	15						
		5		2	13	554	22	20	21	2,465	21						
		6		6	38	504	20	12	13	2,389	21						
		7	Excellent	2	13	412	16	25	27	2,408	21						
		—	Not applicable	0	0	257	10	5	5	782	7						
Total				16	100	2,536	100	94	100	11,505	100						
14. How much does your institution emphasize the following?																	
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	30	1	0	0	207	2						
		2	Some	3	18	569	22	18	19	2,497	22						
		3	Quite a bit	9	53	1,315	52	50	53	5,756	50						
		4	Very much	5	29	622	25	26	28	3,040	26						
		Total				17	100	2,536	100	94	100						
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	72	3	9	10	364	3						
		2	Some	4	24	567	22	11	12	2,462	21						
		3	Quite a bit	6	35	1,187	47	42	45	5,054	44						
		4	Very much	7	41	706	28	32	34	3,602	31						
		Total				17	100	2,532	100	94	100						
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	2	12	122	5	6	6	569	5						
		2	Some	4	24	526	21	10	11	2,171	19						
		3	Quite a bit	4	24	1,053	42	32	34	4,439	39						
		4	Very much	7	41	830	33	46	49	4,299	37						
		Total				17	100	2,531	100	94	100						

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Effect size ⁿ	
														Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	1	6	251	10	15	16	1,236	11						
		2	Some	5	29	688	27	19	20	3,078	27						
		3	Quite a bit	7	41	951	38	29	31	4,170	36						
		4	Very much	4	24	640	25	30	32	2,986	26						
		Total		17	100	2,530	100	93	100	11,470	100						
e. Providing opportunities to be involved socially	SEsocial	1	Very little	0	0	99	4	8	9	618	5						
		2	Some	4	24	542	21	21	22	2,546	22						
		3	Quite a bit	7	41	1,079	43	34	36	4,650	41						
		4	Very much	6	35	807	32	31	33	3,660	32						
		Total		17	100	2,527	100	94	100	11,474	100						
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	6	159	6	8	9	860	8						
		2	Some	3	18	582	23	18	19	2,736	24						
		3	Quite a bit	6	35	1,053	42	34	36	4,522	39						
		4	Very much	7	41	735	29	34	36	3,344	29						
		Total		17	100	2,529	100	94	100	11,462	100						
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	1	6	564	22	25	27	2,625	23						
		2	Some	6	35	951	38	23	24	4,153	36						
		3	Quite a bit	8	47	700	28	27	29	3,137	27						
		4	Very much	2	12	309	12	19	20	1,548	14						
		Total		17	100	2,524	100	94	100	11,463	100						
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	0	0	147	6	6	6	1,084	9						
		2	Some	7	41	600	24	21	23	2,831	25						
		3	Quite a bit	6	35	1,063	42	37	40	4,485	39						
		4	Very much	4	24	721	28	29	31	3,057	27						
		Total		17	100	2,531	100	93	100	11,457	100						
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	2	12	288	11	13	14	1,592	14						
		2	Some	5	29	888	35	31	33	3,936	34						
		3	Quite a bit	7	41	942	37	27	29	3,920	34						
		4	Very much	3	18	416	16	23	24	2,030	18						
		Total		17	100	2,534	100	94	100	11,478	100						

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
Item wording or description	Variable name ^l	Values ^m	Response options																
15. About how many hours do you spend in a typical 7-day week doing the following?																			
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	11	0	0	0	40	0								
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	12	305	12	19	20	1,583	14								
		8	6-10 hrs	8	47	637	25	28	30	2,886	25								
		13	11-15 hrs	1	6	610	24	22	23	2,679	23								
		18	16-20 hrs	2	12	513	20	13	14	2,248	20								
		23	21-25 hrs	2	12	238	9	2	2	1,090	10								
		28	26-30 hrs	2	12	115	5	4	4	540	5								
		33	More than 30 hrs	0	0	99	4	6	6	399	3								
	Total			17	100	2,528	100	94	100	11,465	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	8	47	485	19	35	38	3,172	28								
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	41	904	36	34	37	3,778	33								
		8	6-10 hrs	2	12	567	22	10	11	2,081	18								
		13	11-15 hrs	0	0	271	11	6	7	1,166	10								
		18	16-20 hrs	0	0	161	6	4	4	674	6								
		23	21-25 hrs	0	0	76	3	0	0	313	3								
		28	26-30 hrs	0	0	23	1	2	2	114	1								
		33	More than 30 hrs	0	0	42	2	1	1	169	1								
	Total			17	100	2,529	100	92	100	11,467	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	13	76	1,839	73	69	73	8,497	74								
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	113	4	3	3	580	5								
		8	6-10 hrs	2	12	211	8	8	9	1,033	9								
		13	11-15 hrs	1	6	185	7	5	5	661	6								
		18	16-20 hrs	0	0	117	5	3	3	438	4								
		23	21-25 hrs	0	0	39	2	2	2	141	1								
		28	26-30 hrs	0	0	7	0	3	3	38	0								
		33	More than 30 hrs	1	6	19	1	1	1	82	1								
	Total			17	100	2,530	100	94	100	11,470	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	11	65	1,892	75	51	54	7,802	68							
		3	1-5 hrs	0	0	132	5	6	6	590	5							
		8	6-10 hrs	1	6	136	5	6	6	625	5							
		13	11-15 hrs	1	6	117	5	8	9	584	5							
		18	16-20 hrs	1	6	112	4	6	6	640	6							
		23	21-25 hrs	0	0	72	3	3	3	396	3							
		28	26-30 hrs	0	0	32	1	7	7	225	2							
		33	More than 30 hrs	3	18	39	2	7	7	624	5							
			Total			17	100	2,532	100	94	100							
Estimated number of hours working for pay	tmworkhrs																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	12	71	1,418	56	52	55	6,494	57							
		3	1-5 hrs	5	29	837	33	26	28	3,562	31							
		8	6-10 hrs	0	0	142	6	7	7	731	6							
		13	11-15 hrs	0	0	67	3	6	6	344	3							
		18	16-20 hrs	0	0	33	1	1	1	174	2							
		23	21-25 hrs	0	0	22	1	0	0	89	1							
		28	26-30 hrs	0	0	7	0	0	0	27	0							
		33	More than 30 hrs	0	0	6	0	2	2	65	1							
			Total			17	100	2,532	100	94	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	0	0	19	1	2	2	183	2							
		3	1-5 hrs	7	41	357	14	20	21	2,117	18							
		8	6-10 hrs	5	29	699	28	23	24	3,092	27							
		13	11-15 hrs	4	24	579	23	15	16	2,428	21							
		18	16-20 hrs	0	0	443	18	11	12	1,779	16							
		23	21-25 hrs	0	0	179	7	8	9	759	7							
		28	26-30 hrs	0	0	93	4	3	3	387	3							
		33	More than 30 hrs	1	6	161	6	12	13	728	6							
		Total			17	100	2,530	100	94	100	11,473	100						

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	11	65	2,131	84	65	71	8,943	78								
		3	1-5 hrs	3	18	191	8	13	14	1,010	9								
		8	6-10 hrs	2	12	70	3	4	4	411	4								
		13	11-15 hrs	0	0	52	2	4	4	293	3								
		18	16-20 hrs	0	0	36	1	0	0	192	2								
		23	21-25 hrs	0	0	22	1	0	0	115	1								
		28	26-30 hrs	0	0	6	0	2	2	44	0								
		33	More than 30 hrs	1	6	23	1	4	4	454	4								
		Total			17	100	2,531	100	92	100	11,462	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	5	29	1,014	40	35	37	5,711	50								
		3	1-5 hrs	8	47	998	39	40	43	3,646	32								
		8	6-10 hrs	2	12	270	11	9	10	1,100	10								
		13	11-15 hrs	1	6	130	5	4	4	471	4								
		18	16-20 hrs	1	6	55	2	2	2	258	2								
		23	21-25 hrs	0	0	32	1	2	2	108	1								
		28	26-30 hrs	0	0	12	0	1	1	49	0								
		33	More than 30 hrs	0	0	25	1	1	1	154	1								
		Total			17	100	2,536	100	94	100	11,497	100							
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
	reading	1	Very little	3	18	259	10	15	16	1,052	9								
		2	Some	5	29	820	32	33	35	3,411	30								
		3	About half	4	24	743	29	26	28	3,648	32								
		4	Most	4	24	517	20	14	15	2,488	22								
		5	Almost all	1	6	196	8	6	6	899	8								
			Total			17	100	2,535	100	94	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)																	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

Item wording or description	Variable name ^l	Values ^m	Response options	Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
	tmreadinghrscol	1	0 hrs	0	0	11	0	0	0	40	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	10	59	1,260	50	59	63	5,594	49								
		3	More than 5, up to 10 hrs	2	12	782	31	26	28	3,513	31								
		4	More than 10, up to 15 hrs	2	12	239	9	5	5	1,189	10								
		5	More than 15, up to 20 hrs	2	12	119	5	2	2	559	5								
		6	More than 20, up to 25 hrs	0	0	86	3	1	1	402	4								
		7	More than 25 hrs	1	6	24	1	1	1	140	1								
			Total	17	100	2,521	100	94	100	11,437	100								

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

a. Writing clearly and effectively	pgwrite	1	Very little	1	6	150	6	2	2	597	5							
		2	Some	5	29	629	25	25	27	2,801	24							
		3	Quite a bit	6	35	1,101	43	39	41	4,959	43							
		4	Very much	5	29	654	26	28	30	3,116	27							
			Total	17	100	2,534	100	94	100	11,473	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	2	12	248	10	8	8	950	8							
		2	Some	2	12	755	30	25	26	3,148	27							
		3	Quite a bit	9	53	982	39	31	33	4,534	39							
		4	Very much	4	24	546	22	31	33	2,848	25							
			Total	17	100	2,531	100	95	100	11,480	100							
c. Thinking critically and analytically	pgthink	1	Very little	0	0	68	3	1	1	319	3							
		2	Some	3	18	445	18	13	14	2,073	18							
		3	Quite a bit	5	29	1,162	46	40	42	5,147	45							
		4	Very much	9	53	860	34	41	43	3,955	34							
			Total	17	100	2,535	100	95	100	11,494	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	3	17	495	20	17	18	2,184	19							
		2	Some	3	17	874	34	36	38	4,083	36							
		3	Quite a bit	8	44	796	31	28	29	3,436	30							
		4	Very much	4	22	369	15	14	15	1,783	16							
			Total	18	100	2,534	100	95	100	11,486	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

Item wording or description				Frequency Distributions								Statistical Comparisons ^k					
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your first-year students compared with			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	2	11	299	12	16	17	1,353	12						
		2	Some	8	44	789	31	22	23	3,533	31						
		3	Quite a bit	4	22	932	37	31	33	4,098	36						
		4	Very much	4	22	515	20	26	27	2,507	22						
		Total		18	100	2,535	100	95	100	11,491	100						
f. Working effectively with others	pgothers	1	Very little	0	0	138	5	5	5	638	6						
		2	Some	6	33	704	28	22	23	2,971	26						
		3	Quite a bit	8	44	1,043	41	41	44	4,780	42						
		4	Very much	4	22	646	26	26	28	3,098	27						
		Total		18	100	2,531	100	94	100	11,487	100						
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	3	17	246	10	10	11	1,050	9						
		2	Some	7	39	730	29	19	20	3,096	27						
		3	Quite a bit	5	28	963	38	43	45	4,483	39						
		4	Very much	3	17	594	23	23	24	2,870	25						
		Total		18	100	2,533	100	95	100	11,499	100						
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	1	6	174	7	9	9	903	8						
		2	Some	8	44	625	25	24	25	2,950	26						
		3	Quite a bit	5	28	1,013	40	33	35	4,422	38						
		4	Very much	4	22	719	28	29	31	3,219	28						
		Total		18	100	2,531	100	95	100	11,494	100						
i. Solving complex real-world problems	pgprobsolve	1	Very little	2	11	262	10	10	11	1,223	11						
		2	Some	9	50	802	32	25	27	3,643	32						
		3	Quite a bit	2	11	952	38	40	43	4,261	37						
		4	Very much	5	28	520	21	19	20	2,362	21						
		Total		18	100	2,536	100	94	100	11,489	100						
j. Being an informed and active citizen	pgcitizen	1	Very little	3	17	188	7	14	15	1,070	9						
		2	Some	7	39	745	29	21	22	3,287	29						
		3	Quite a bit	7	39	942	37	38	40	4,293	37						
		4	Very much	1	6	664	26	22	23	2,853	25						
		Total		18	100	2,539	100	95	100	11,503	100						

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

First-Year Students^a in Interdisc. Studies

			Frequency Distributions								Statistical Comparisons ^k					
			Tennessee Tech				Carnegie Class				Your first-year students compared with					
Item wording or description	Variable name ^l	Values ^m	Response options		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
			Count	%	Count	%	Count	%	Count	%	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
18. How would you evaluate your entire educational experience at this institution?																
	evalexp	1	Poor	0	0	30	1	2	2	188	2					
		2	Fair	3	17	275	11	13	14	1,396	12					
		3	Good	9	50	1,212	48	50	53	5,632	49					
		4	Excellent	6	33	1,025	40	29	31	4,302	37					
			Total	18	100	2,542	100	94	100	11,518	100					
19. If you could start over again, would you go to the same institution you are now attending?																
	sameinst	1	Definitely no	0	0	82	3	5	5	405	4					
		2	Probably no	2	11	258	10	14	15	1,449	13					
		3	Probably yes	8	44	1,033	41	31	33	4,719	41					
		4	Definitely yes	8	44	1,174	46	45	47	4,968	43					
			Total	18	100	2,547	100	95	100	11,541	100					
20. Do you intend to return to this institution next year?^f																
	returnexp		No	0	0	81	3	4	4	506	4					
			Yes	18	100	2,322	91	82	88	10,142	88					
			Not sure	0	0	146	6	7	8	879	8					
			Total	18	100	2,549	100	93	100	11,527	100					

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with											
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ								
														Mean	Effect size ⁿ		Mean	Effect size ⁿ							
1. During the current school year, about how often have you done the following?																									
a. Asked questions or contributed to course discussions in other ways	askquest	1 2 3 4	Never Sometimes Often Very often	0 12 12 28	0 23 23 54	57 857 1,157 1,637	2 23 31 44	0 29 43 72	0 20 30 50	316 3,677 5,672 9,092	2 20 30 48	3.3	3.2	.15	3.3	.01	3.3	.06							
Total				52	100	3,708	100	144	100	18,757	100														
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1 2 3 4	Never Sometimes Often Very often	5 15 23 9	10 29 44 17	827 1,383 901 583	22 37 24 16	21 47 41 35	15 33 28 24	3,523 6,529 4,824 3,854	19 35 26 21								2.7	2.3 *	.36	2.6	.07	2.5	.21
Total				52	100	3,694	100	144	100	18,730	100														
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1 2 3 4	Very often Often Sometimes Never	1 4 27 18	2 8 54 36	306 674 2,030 695	8 18 55 19	5 17 84 37	3 12 59 26	1,099 2,545 9,953 5,157	6 14 53 27														
Total				50	100	3,705	100	143	100	18,754	100														
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1 2 3 4	Never Sometimes Often Very often	26 23 3 0	50 44 6 0	1,254 1,539 618 300	34 41 17 8	44 66 15 19	31 46 10 13	7,298 7,148 2,776 1,551	39 38 15 8	1.6	2.0 ***	-.48	2.1 ***	-.57	1.9 ***	-.40							
Total				52	100	3,711	100	144	100	18,773	100														
e. Asked another student to help you understand course material	CLaskhelp	1 2 3 4	Never Sometimes Often Very often	7 31 11 3	13 60 21 6	443 1,607 1,180 480	12 43 32 13	19 60 39 25	13 42 27 17	3,643 8,001 4,961 2,170	19 43 26 12								2.2	2.5 *	-.31	2.5 *	-.34	2.3	-.12
Total				52	100	3,710	100	143	100	18,775	100														
f. Explained course material to one or more students	CLexplain	1 2 3 4	Never Sometimes Often Very often	3 27 16 6	6 52 31 12	192 1,337 1,465 717	5 36 39 19	10 47 48 39	7 33 33 27	1,930 6,964 6,540 3,347	10 37 35 18														
Total				52	100	3,711	100	144	100	18,781	100														

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
																			Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	9	17	588	16	25	17	4,391	23	2.4	2.5	-.09	2.5	-.12	2.3	.06	
		2	Sometimes	21	40	1,387	37	50	35	6,551	35								
		3	Often	15	29	1,122	30	41	28	5,077	27								
		4	Very often	7	13	611	16	28	19	2,751	15								
		Total		52	100	3,708	100	144	100	18,770	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	4	8	158	4	10	7	2,039	11	2.8	3.0	-.27	2.8	-.09	2.8	-.03	
		2	Sometimes	15	29	937	25	42	29	5,141	27								
		3	Often	23	44	1,447	39	53	37	6,588	35								
		4	Very often	10	19	1,172	32	38	27	5,024	27								
		Total		52	100	3,714	100	143	100	18,792	100								
i. Given a course presentation	present	1	Never	4	8	239	6	7	5	2,126	11	2.8	2.9	-.08	2.9	-.10	2.8	.02	
		2	Sometimes	16	31	975	26	43	30	4,808	26								
		3	Often	16	31	1,343	36	44	31	6,043	32								
		4	Very often	16	31	1,154	31	48	34	5,809	31								
		Total		52	100	3,711	100	142	100	18,786	100								
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	2	4	103	3	5	3	631	3	2.9	3.1	-.22	3.1	-.22	3.0	-.12	
		2	Sometimes	14	27	794	21	35	24	4,758	25								
		3	Often	24	46	1,582	43	48	34	7,569	40								
		4	Very often	12	23	1,225	33	55	38	5,802	31								
		Total		52	100	3,704	100	143	100	18,760	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	2	4	112	3	3	2	758	4	2.9	3.0	-.20	3.2 *	-.34	3.0	-.13	
		2	Sometimes	15	29	841	23	29	20	4,536	24								
		3	Often	22	42	1,508	41	53	37	7,438	40								
		4	Very often	13	25	1,246	34	59	41	6,035	32								
		Total		52	100	3,707	100	144	100	18,767	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	3	6	192	5	10	7	1,117	6	2.8	2.9	-.15	2.9	-.12	2.9	-.09	
		2	Sometimes	19	37	982	26	37	26	5,428	29								
		3	Often	16	31	1,461	39	53	37	6,962	37								
		4	Very often	14	27	1,075	29	43	30	5,259	28								
		Total		52	100	3,710	100	143	100	18,766	100								

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	
														Mean	Effect size ⁿ			
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	3	6	82	2	5	3	502	3	2.8	3.0	-.16	3.0	-.24	3.0	-.17
		2	Sometimes	15	29	955	26	30	21	4,744	25							
		3	Often	22	42	1,729	47	66	46	8,566	46							
		4	Very often	12	23	934	25	43	30	4,944	26							
		Total		52	100	3,700	100	144	100	18,756	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIPerspect	1	Never	1	2	64	2	4	3	304	2	3.0	3.1	-.13	3.2	-.19	3.1	-.10
		2	Sometimes	10	20	692	19	26	18	3,817	20							
		3	Often	28	55	1,771	48	58	40	8,728	47							
		4	Very often	12	24	1,172	32	56	39	5,901	31							
		Total		51	100	3,699	100	144	100	18,750	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	2	48	1	4	3	254	1	2.9	3.0	-.14	3.1	-.21	3.0	-.13
		2	Sometimes	17	33	869	24	34	24	4,562	24							
		3	Often	19	37	1,690	46	49	34	8,393	45							
		4	Very often	15	29	1,087	29	56	39	5,521	29							
		Total		52	100	3,694	100	143	100	18,730	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	2	10	0	0	0	80	0	3.1	3.3	-.25	3.4 *	-.34	3.3	-.22
		2	Sometimes	7	13	430	12	18	13	2,364	13							
		3	Often	29	56	1,751	47	56	39	8,685	46							
		4	Very often	15	29	1,504	41	68	48	7,579	41							
		Total		52	100	3,695	100	142	100	18,708	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	7	13	498	13	16	11	2,983	16	2.4	2.5	-.13	2.6	-.20	2.5	-.09
		2	Sometimes	25	48	1,470	40	56	39	7,055	38							
		3	Often	11	21	951	26	39	27	4,743	25							
		4	Very often	9	17	780	21	33	23	3,963	21							
		Total		52	100	3,699	100	144	100	18,744	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	17	33	1,415	38	47	33	7,786	42	2.0	2.1	-.07	2.2	-.19	2.0	-.03
		2	Sometimes	21	40	1,158	31	48	33	5,391	29							
		3	Often	12	23	646	17	26	18	3,144	17							
		4	Very often	2	4	477	13	23	16	2,406	13							
		Total		52	100	3,696	100	144	100	18,727	100							

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				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Mean	Effect size ⁿ		Mean	Effect size ⁿ	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	10	19	865	23	29	20	5,276	28	2.1	2.2	-.10	2.4	-.26	2.2	-.05	
		2	Sometimes	29	56	1,600	43	57	40	7,328	39								
		3	Often	10	19	818	22	32	23	3,941	21								
		4	Very often	3	6	406	11	24	17	2,157	12								
		Total		52	100	3,689	100	142	100	18,702	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	9	17	836	23	29	20	4,062	22	2.2	2.2	-.01	2.5	-.28	2.2	-.06	
		2	Sometimes	27	52	1,684	46	50	35	8,232	44								
		3	Often	13	25	770	21	34	24	4,157	22								
		4	Very often	3	6	407	11	31	22	2,286	12								
		Total		52	100	3,697	100	144	100	18,737	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	1	2	340	9	6	4	1,791	10	2.9	2.7	.22	2.8	.11	2.6 *	.29	
		2	Some	18	35	1,180	32	50	35	6,508	35								
		3	Quite a bit	19	37	1,473	40	56	39	7,295	39								
		4	Very much	14	27	707	19	32	22	3,150	17								
		Total		52	100	3,700	100	144	100	18,744	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	0	0	132	4	9	6	568	3	3.1	3.0	.09	3.0	.11	3.0	.05	
		2	Some	11	22	814	22	31	22	3,947	21								
		3	Quite a bit	26	51	1,726	47	60	42	8,834	47								
		4	Very much	14	27	1,024	28	44	31	5,386	29								
		Total		51	100	3,696	100	144	100	18,735	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	2	124	3	6	4	566	3	3.0	3.0	-.04	3.1	-.16	3.0	-.05	
		2	Some	12	23	813	22	30	21	4,098	22								
		3	Quite a bit	26	50	1,647	45	48	34	8,389	45								
		4	Very much	13	25	1,115	30	59	41	5,668	30								
		Total		52	100	3,699	100	143	100	18,721	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	4	112	3	10	7	496	3	3.0	3.1	-.02	3.0	.00	3.1	-.03	
		2	Some	10	19	749	20	31	22	3,705	20								
		3	Quite a bit	24	46	1,652	45	46	32	8,599	46								
		4	Very much	16	31	1,185	32	57	40	5,923	32								
		Total		52	100	3,698	100	144	100	18,723	100								

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				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech	Carnegie Class	Quality Assurance	NSSE 2018 & 2019	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ						
				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	3	6	117	3	3	2	497	3	3.0	3.0	-.07	3.1	-.21	3.0	-.09							
		2	Some	10	19	783	21	31	22	3,918	21														
		3	Quite a bit	25	48	1,731	47	53	37	8,750	47														
		4	Very much	14	27	1,066	29	57	40	5,546	30														
		Total		52	100	3,697	100	144	100	18,711	100														
5. During the current school year, to what extent have your instructors done the following?																									
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	2	60	2	7	5	352	2	3.1	3.2	-.03	3.1	.04	3.2	-.06							
		2	Some	8	15	602	16	27	19	3,028	16														
		3	Quite a bit	26	50	1,742	47	54	38	8,241	44														
		4	Very much	17	33	1,295	35	56	39	7,107	38														
		Total		52	100	3,699	100	144	100	18,728	100														
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	4	99	3	6	4	608	3	3.1	3.1	.02	3.0	.08	3.1	-.01							
		2	Some	8	15	690	19	33	23	3,302	18														
		3	Quite a bit	25	48	1,734	47	55	38	8,339	45														
		4	Very much	17	33	1,175	32	49	34	6,480	35														
		Total		52	100	3,698	100	143	100	18,729	100														
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	2	98	3	8	6	606	3	3.2	3.1	.11	3.1	.16	3.1	.10							
		2	Some	9	17	694	19	30	21	3,538	19														
		3	Quite a bit	21	40	1,626	44	51	36	7,781	42														
		4	Very much	21	40	1,279	35	54	38	6,788	36														
		Total		52	100	3,697	100	143	100	18,713	100														
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	6	12	280	8	16	11	1,505	8	2.9	2.8	.09	3.0	-.10	2.9	.02							
		2	Some	11	21	1,035	28	23	16	4,647	25														
		3	Quite a bit	16	31	1,367	37	46	32	6,734	36														
		4	Very much	19	37	1,017	27	59	41	5,833	31														
		Total		52	100	3,699	100	144	100	18,719	100														
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	3	6	270	7	12	8	1,169	6	2.9	2.8	.12	2.9	-.05	2.9	.00							
		2	Some	12	23	1,131	31	31	22	5,087	27														
		3	Quite a bit	25	48	1,445	39	54	38	7,211	39														
		4	Very much	12	23	844	23	45	32	5,229	28														
		Total		52	100	3,690	100	142	100	18,696	100														

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
												<i>Your seniors compared with</i>							
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	6	12	520	14	19	13	2,675	14	2.4	2.5	-.04	2.5	-.12	2.5	-.05	
		2	Sometimes	19	37	1,444	39	54	38	7,204	39								
		3	Often	24	47	1,210	33	44	31	6,111	33								
		4	Very often	2	4	513	14	26	18	2,710	14								
			Total	51	100	3,687	100	143	100	18,700	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	9	18	675	18	29	20	3,509	19	2.3	2.4	-.06	2.4	-.07	2.4	-.04	
		2	Sometimes	21	41	1,407	38	52	36	7,224	39								
		3	Often	16	31	1,101	30	38	27	5,352	29								
		4	Very often	5	10	499	14	24	17	2,578	14								
			Total	51	100	3,682	100	143	100	18,663	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	9	18	625	17	24	17	3,571	19	2.3	2.4	-.12	2.4	-.13	2.3	-.03	
		2	Sometimes	21	41	1,441	39	58	40	7,615	41								
		3	Often	18	35	1,139	31	40	28	5,289	28								
		4	Very often	3	6	479	13	22	15	2,160	12								
			Total	51	100	3,684	100	144	100	18,635	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum	0	None	4	8	139	4	8	6	613	3	8.6	8.5	.03	8.5	.02	8.9	-.03	
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	20	511	14	17	12	2,428	13								
		4	3-5	10	20	1,057	29	43	30	5,114	27								
		8	6-10	10	20	878	24	35	24	4,583	25								
		13	11-15	7	14	480	13	16	11	2,436	13								
		18	16-20	3	6	275	7	7	5	1,438	8								
		23	More than 20	7	14	352	10	18	13	2,068	11								
			Total	51	100	3,692	100	144	100	18,680	100								
b. Between 6 and 10 pages	wrmednum	0	None	19	37	661	18	37	26	3,239	17	3.1	3.7	-.15	4.2	-.22	4.0	-.21	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	16	31	1,282	35	39	27	6,117	33								
		4	3-5	10	19	1,016	28	36	25	5,263	28								
		8	6-10	3	6	475	13	13	9	2,517	14								
		13	11-15	2	4	153	4	10	7	818	4								
		18	16-20	0	0	46	1	3	2	340	2								
		23	More than 20	2	4	39	1	5	3	344	2								
			Total	52	100	3,672	100	143	100	18,638	100								

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				Tennessee Tech				Carnegie Class				Quality Assurance		NSSE 2018 & 2019		Your seniors compared with			
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech	Carnegie Class	Quality Assurance	NSSE 2018 & 2019	Effect size ⁿ	Effect size ⁿ	Effect size ⁿ	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean		
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	1	2	60	2	2	1	326	2	3.2	3.1	.09	3.2	.03	3.2	.06	
		2	Sometimes	4	8	659	18	29	20	3,166	17								
		3	Often	30	58	1,656	45	52	36	8,355	45								
		4	Very often	17	33	1,318	36	60	42	6,860	37								
		Total		52	100	3,693	100	143	100	18,707	100								
b. Reviewed your notes after class	LSnotes	1	Never	0	0	377	10	12	8	1,609	9	3.3	2.7 ***	.65	2.9 *	.38	2.8 ***	.53	
		2	Sometimes	8	15	1,310	35	31	22	5,942	32								
		3	Often	22	42	1,189	32	53	37	6,210	33								
		4	Very often	22	42	816	22	46	32	4,944	26								
		Total		52	100	3,692	100	142	100	18,705	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	2	291	8	7	5	1,261	7	3.2	2.7 ***	.50	3.1	.12	2.8 **	.39	
		2	Sometimes	8	16	1,218	33	25	18	5,464	29								
		3	Often	23	45	1,382	37	60	42	7,170	38								
		4	Very often	19	37	805	22	50	35	4,796	26								
		Total		51	100	3,696	100	142	100	18,691	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	0	0	27	1	1	1	159	1	5.8	5.4	.26	5.6	.08	5.6	.15	
		2		2	4	51	1	2	1	225	1								
		3		0	0	147	4	6	4	730	4								
		4		5	10	447	12	16	11	1,980	11								
		5		13	25	1,261	34	38	27	5,571	30								
		6		14	27	905	25	30	21	4,768	26								
		7	Very much	18	35	848	23	50	35	5,213	28								
		Total		52	100	3,686	100	143	100	18,646	100								
11. Which of the following have you done or do you plan to do before you graduate?^o																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		7	13	257	7	13	9	1,856	10	44%	62% **	-.36	53%	-.18	54%	-.20	
		Do not plan to do		15	29	452	12	22	15	3,012	16								
		Plan to do		7	13	693	19	32	22	3,717	20								
		Done or in progress		23	44	2,296	62	76	53	10,124	54								
		Total		52	100	3,698	100	143	100	18,709	100								

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			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name ^l	Values ^m	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	9	17	287	8	21	15	2,134	11	19%	46% ***	-.58	37% *	-.41	39% **	-.45	
		Do not plan to do	31	60	1,476	40	57	40	7,867	42								
		Plan to do	2	4	236	6	11	8	1,358	7								
		Done or in progress	10	19	1,696	46	53	37	7,324	39								
		Total	52	100	3,695	100	142	100	18,683	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	6	12	408	11	19	13	2,664	14	19%	23%	-.10	20%	-.03	22%	-.08	
		Do not plan to do	32	62	2,161	59	76	53	10,186	55								
		Plan to do	4	8	268	7	19	13	1,630	9								
		Done or in progress	10	19	856	23	29	20	4,200	22								
		Total	52	100	3,693	100	143	100	18,680	100								
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	8	15	294	8	15	11	2,026	11	10%	28% **	-.49	13%	-.10	19%	-.27	
		Do not plan to do	37	71	2,136	58	102	72	11,964	64								
		Plan to do	2	4	215	6	7	5	1,147	6								
		Done or in progress	5	10	1,051	28	18	13	3,543	19								
		Total	52	100	3,696	100	142	100	18,680	100								
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	10	19	430	12	17	12	2,799	15	33%	24%	.20	20%	.30	21% *	.26	
		Do not plan to do	17	33	2,024	55	82	57	10,143	54								
		Plan to do	8	15	371	10	16	11	1,814	10								
		Done or in progress	17	33	870	24	28	20	3,932	21								
		Total	52	100	3,695	100	143	100	18,688	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	4	8	249	7	10	7	1,667	9	58%	55%	.05	48%	.19	52%	.12	
		Do not plan to do	7	13	702	19	28	20	3,263	17								
		Plan to do	11	21	696	19	36	25	4,068	22								
		Done or in progress	30	58	2,042	55	69	48	9,673	52								
		Total	52	100	3,689	100	143	100	18,671	100								

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

servcourse	1	None	19	37	1,459	40	49	35	6,547	35	1.7	1.7	.04	1.9	-.21	1.8	-.08
	2	Some	28	54	1,913	52	64	45	9,891	53							
	3	Most	5	10	265	7	24	17	1,839	10							
	4	All	0	0	47	1	5	4	386	2							
	Total		52	100	3,684	100	142	100	18,663	100							

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Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ	Mean	Effect size ⁿ
														Mean	Effect size ⁿ				
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	0	0	37	1	2	1	201	1	5.7	5.6	.11	5.4	.22	5.6	.08	
		2		1	2	45	1	3	2	272	1								
		3		2	4	133	4	7	5	764	4								
		4		6	12	384	10	15	10	1,944	10								
		5		8	15	978	26	41	29	4,450	24								
		6		17	33	1,077	29	35	24	4,899	26								
		7	Excellent	16	31	1,001	27	35	24	5,617	30								
		—	Not applicable	2	4	38	1	5	3	561	3								
			Total	52	100	3,693	100	143	100	18,708	100								
b. Academic advisors	QIadvisor	1	Poor	2	4	139	4	9	6	672	4	5.7	5.2 *	.28	5.2	.25	5.4	.16	
		2		3	6	185	5	8	6	800	4								
		3		1	2	338	9	5	3	1,320	7								
		4		6	12	522	14	23	16	2,162	12								
		5		6	12	679	18	26	18	3,288	18								
		6		9	17	680	18	18	13	3,562	19								
		7	Excellent	25	48	1,132	31	52	36	6,675	36								
		—	Not applicable	0	0	20	1	2	1	223	1								
			Total	52	100	3,695	100	143	100	18,702	100								
c. Faculty	QIfaculty	1	Poor	1	2	35	1	0	0	212	1	5.8	5.5	.17	5.6	.12	5.6	.08	
		2		0	0	48	1	4	3	280	1								
		3		4	8	151	4	8	6	765	4								
		4		1	2	410	11	23	16	1,903	10								
		5		10	19	950	26	20	14	4,126	22								
		6		20	38	1,170	32	38	27	5,428	29								
		7	Excellent	16	31	900	24	48	34	5,803	31								
		—	Not applicable	0	0	30	1	2	1	189	1								
			Total	52	100	3,694	100	143	100	18,706	100								

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				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ		
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	2	117	3	5	4	712	4	5.5	4.9	.34	5.1	.23	5.0	.24	
		2		1	2	171	5	7	5	733	4								
		3		2	4	289	8	10	7	1,261	7								
		4		3	6	550	15	19	13	2,343	13								
		5		5	10	821	22	23	16	3,379	18								
		6		10	19	705	19	24	17	3,228	17								
		7	Excellent	9	17	559	15	32	23	3,716	20								
		—	Not applicable	21	40	480	13	22	15	3,320	18								
Total				52	100	3,692	100	142	100	18,692	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	2	4	153	4	7	5	814	4	5.5	4.8 **	.41	4.7 *	.43	5.0	.24	
		2		2	4	214	6	15	10	875	5								
		3		3	6	350	9	9	6	1,459	8								
		4		3	6	617	17	26	18	2,695	14								
		5		9	18	826	22	29	20	3,797	20								
		6		10	20	677	18	26	18	3,620	19								
		7	Excellent	17	33	565	15	25	17	4,375	23								
		—	Not applicable	5	10	291	8	6	4	1,069	6								
Total				51	100	3,693	100	143	100	18,704	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	0	0	65	2	5	3	397	2	3.1	3.0	.11	3.0	.15	3.0	.10	
		2	Some	11	21	868	23	37	26	4,189	22								
		3	Quite a bit	26	50	1,787	48	60	42	9,062	48								
		4	Very much	15	29	974	26	41	29	5,045	27								
		Total				52	100	3,694	100	143	100								18,693
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	4	180	5	4	3	875	5	3.0	2.9	.14	3.0	-.02	3.0	.05	
		2	Some	9	17	963	26	36	25	4,369	23								
		3	Quite a bit	28	54	1,638	44	57	40	8,026	43								
		4	Very much	13	25	907	25	46	32	5,398	29								
		Total				52	100	3,688	100	143	100								18,668
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	7	13	308	8	10	7	1,593	9	2.6	2.8	-.25	2.9 *	-.37	2.9 *	-.32	
		2	Some	15	29	1,014	27	35	24	4,546	24								
		3	Quite a bit	23	44	1,456	39	56	39	7,156	38								
		4	Very much	7	13	916	25	42	29	5,384	29								
		Total				52	100	3,694	100	143	100								18,679

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	6	12	522	14	21	15	2,637	14	2.5	2.6	-.17	2.7	-.28	2.7	-.18
		2	Some	19	37	1,108	30	34	24	5,514	30							
		3	Quite a bit	23	44	1,198	33	48	34	6,126	33							
		4	Very much	4	8	858	23	40	28	4,369	23							
		Total		52	100	3,686	100	143	100	18,646	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	6	12	210	6	5	4	1,579	8	2.6	2.9 **	-.42	3.0 **	-.53	2.9 *	-.31
		2	Some	19	37	882	24	36	25	4,679	25							
		3	Quite a bit	18	35	1,533	41	48	34	7,196	39							
		4	Very much	9	17	1,070	29	53	37	5,188	28							
		Total		52	100	3,695	100	142	100	18,642	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	9	17	393	11	12	8	2,334	13	2.3	2.8 ***	-.49	2.9 ***	-.62	2.7 **	-.42
		2	Some	22	42	983	27	37	26	5,177	28							
		3	Quite a bit	17	33	1,367	37	49	35	6,632	36							
		4	Very much	4	8	944	26	44	31	4,496	24							
		Total		52	100	3,687	100	142	100	18,639	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	23	45	1,323	36	46	32	6,242	33	1.7	2.0 *	-.34	2.3 ***	-.58	2.1 ***	-.41
		2	Some	22	43	1,328	36	36	25	6,495	35							
		3	Quite a bit	5	10	684	19	38	27	3,821	20							
		4	Very much	1	2	349	9	23	16	2,083	11							
		Total		51	100	3,684	100	143	100	18,641	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	16	355	10	11	8	3,306	18	2.4	2.8 **	-.39	2.9 **	-.51	2.6	-.17
		2	Some	20	39	1,069	29	37	26	5,375	29							
		3	Quite a bit	18	35	1,365	37	57	40	6,124	33							
		4	Very much	5	10	887	24	38	27	3,806	20							
		Total		51	100	3,676	100	143	100	18,611	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	13	25	597	16	27	19	3,864	21	2.1	2.4 *	-.33	2.6 **	-.43	2.4 *	-.25
		2	Some	22	42	1,426	39	39	27	6,558	35							
		3	Quite a bit	14	27	1,112	30	48	34	5,451	29							
		4	Very much	3	6	553	15	29	20	2,755	15							
		Total		52	100	3,688	100	143	100	18,628	100							

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k																				
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with																		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ														
Item wording or description	Variable name ^l	Values ^m	Response options																													
15. About how many hours do you spend in a typical 7-day week doing the following?																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	0 5 15 16 9 2 3 1 51	0 10 29 31 18 4 6 2 100	8 616 1,027 798 602 326 156 157 3,690	0 17 28 22 16 9 4 4 100	1 19 44 32 20 11 7 9 143	1 13 31 22 14 8 5 6 100	65 3,081 4,946 3,984 3,051 1,712 908 922 18,669	0 17 26 21 16 9 5 5 100	13.1	13.1	.00	13.5	-.05	13.4	-.04														
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	29 15 3 2 1 1 0 0 51	57 29 6 4 2 2 0 0 100	1,188 1,143 572 362 200 105 45 68 3,683	32 31 16 10 5 3 1 2 100	63 34 23 8 6 4 1 3 142	44 24 16 6 4 3 1 2 100	7,850 4,876 2,427 1,466 984 491 219 340 18,653	42 26 13 8 5 3 1 2 100								2.7	6.0 ***	-.45	5.0 *	-.35	5.3 ***	-.36							
c. Working for pay on campus	tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i>	0 0 hrs 3 1-5 hrs 8 6-10 hrs 13 11-15 hrs 18 16-20 hrs 23 21-25 hrs 28 26-30 hrs 33 More than 30 hrs Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	38 1 5 1 4 0 0 2 51	75 2 10 2 8 0 0 4 100	2,338 132 321 347 324 108 45 71 3,686	63 4 9 9 9 3 1 2 100	99 6 10 5 15 4 0 4 143	69 4 7 3 10 3 0 3 100	12,827 848 1,494 1,367 1,271 409 166 270 18,652	69 5 8 7 7 2 1 1 100															3.8	5.3	-.18	4.6	-.10	4.2	-.05

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k							
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	9	18	1,607	44	44	31	7,124	38	20.3	▲	10.9 ***	.77	16.3	.29	13.8 ***	.47
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	6	205	6	5	4	923	5								
	8	6-10 hrs	2	4	277	8	12	8	1,173	6									
	13	11-15 hrs	3	6	308	8	5	4	1,215	7									
	18	16-20 hrs	4	8	384	10	12	8	1,629	9									
	23	21-25 hrs	7	14	263	7	12	8	1,268	7									
	28	26-30 hrs	2	4	187	5	14	10	939	5									
	33	More than 30 hrs	20	40	462	13	38	27	4,409	24									
	Total				50	100	3,693	100	142	100	18,680								
Estimated number of hours working for pay	tmworkhrs											24.1	▲	16.2 ***	.65	20.9	.25	18.0 ***	.46
	(Continuous variable created by NSSE)																		
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	28	55	1,920	52	60	42	8,969	48	3.0		2.7	.06	6.1 **	-.37	3.4	-.07
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	25	1,279	35	37	26	6,378	34								
	8	6-10 hrs	8	16	261	7	15	11	1,670	9									
	13	11-15 hrs	0	0	111	3	12	8	761	4									
	18	16-20 hrs	0	0	66	2	6	4	420	2									
	23	21-25 hrs	1	2	28	1	3	2	166	1									
	28	26-30 hrs	1	2	6	0	0	0	73	0									
	33	More than 30 hrs	0	0	20	1	9	6	229	1									
Total				51	100	3,691	100	142	100	18,666	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	2	4	62	2	8	6	565	3	8.9	▼	12.3 **	-.41	12.0 *	-.37	10.8	-.24
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	35	769	21	32	22	5,093	27								
	8	6-10 hrs	15	29	992	27	34	24	5,153	28									
	13	11-15 hrs	8	16	800	22	25	17	3,432	18									
	18	16-20 hrs	5	10	509	14	20	14	2,218	12									
	23	21-25 hrs	1	2	224	6	10	7	899	5									
	28	26-30 hrs	1	2	110	3	7	5	443	2									
33	More than 30 hrs	1	2	218	6	7	5	859	5										
Total				51	100	3,684	100	143	100	18,662	100								

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Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k										
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with								
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ		Mean	Effect size ⁿ					
														Effect size ⁿ	Effect size ⁿ		Effect size ⁿ	Effect size ⁿ				
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	25	49	2,871	78	88	62	11,677	63	10.3	▲ 3.4 **	.79	7.2	.25	6.9	.28				
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	8	16	265	7	13	9	1,809	10											
	8	6-10 hrs	2	4	129	4	7	5	928	5												
	13	11-15 hrs	0	0	82	2	5	4	592	3												
	18	16-20 hrs	3	6	62	2	5	4	532	3												
	23	21-25 hrs	0	0	34	1	2	1	309	2												
	28	26-30 hrs	0	0	23	1	1	1	228	1												
	33	More than 30 hrs	13	25	216	6	21	15	2,580	14												
	Total		51	100	3,682	100	142	100	18,655	100												
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	12	24	588	16	28	20	5,930	32	4.5	4.9	-.07	6.4	-.23	4.4	.02				
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	55	2,080	56	70	49	8,271	44											
	8	6-10 hrs	7	14	643	17	18	13	2,546	14												
	13	11-15 hrs	1	2	202	5	11	8	894	5												
	18	16-20 hrs	0	0	72	2	3	2	381	2												
	23	21-25 hrs	2	4	36	1	3	2	192	1												
	28	26-30 hrs	0	0	18	0	3	2	119	1												
	33	More than 30 hrs	1	2	49	1	6	4	322	2												
Total		51	100	3,688	100	142	100	18,655	100													
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																						
	reading	1	Very little	7	14	431	12	22	15	1,974	11	2.8	2.9	-.10	2.8	.00	2.9	-.14				
		2	Some	12	24	1,031	28	44	31	4,908	26											
		3	About half	20	39	1,062	29	39	27	5,773	31											
		4	Most	9	18	806	22	19	13	4,223	23											
		5	Almost all	3	6	361	10	19	13	1,788	10											
		Total		51	100	3,691	100	143	100	18,666	100											
		tmreadinghrs														6.3	6.5	-.04	6.8	-.08	6.9	-.10
		(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)																				

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

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Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k													
				Tennessee Tech				Carnegie Class				Quality Assurance				NSSE 2018 & 2019				Your seniors compared with					
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech	Carnegie Class	Quality Assurance	NSSE 2018 & 2019	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ							
	tmreadinghrscol	1	0 hrs	0	0	8	0	1	1	65	0														
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	23	45	1,903	52	80	56	9,058	49														
		3	More than 5, up to 10 hrs	21	41	1,073	29	30	21	5,465	29														
		4	More than 10, up to 15 hrs	5	10	366	10	16	11	2,034	11														
		5	More than 15, up to 20 hrs	0	0	162	4	6	4	961	5														
		6	More than 20, up to 25 hrs	2	4	116	3	2	1	679	4														
		7	More than 25 hrs	0	0	56	2	8	6	339	2														
			Total	51	100	3,684	100	143	100	18,601	100														

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

a. Writing clearly and effectively	pgwrite	1	Very little	3	6	107	3	5	4	529	3	3.1	3.2	-.20	3.2	-.13	3.2	-.18
		2	Some	9	18	571	15	24	17	2,958	16							
		3	Quite a bit	20	39	1,327	36	51	36	6,935	37							
		4	Very much	19	37	1,681	46	61	43	8,201	44							
			Total	51	100	3,686	100	141	100	18,623	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	6	12	176	5	4	3	986	5	2.9	3.1	-.17	3.1	-.22	3.1	-.18
		2	Some	9	18	743	20	31	22	3,603	19							
		3	Quite a bit	18	35	1,343	36	49	34	6,638	36							
		4	Very much	18	35	1,428	39	59	41	7,454	40							
			Total	51	100	3,690	100	143	100	18,681	100							
c. Thinking critically and analytically	pgthink	1	Very little	2	4	65	2	3	2	366	2	3.1	3.3 *	-.30	3.3	-.27	3.3 *	-.29
		2	Some	9	18	412	11	19	13	2,166	12							
		3	Quite a bit	21	41	1,403	38	48	34	6,978	37							
		4	Very much	19	37	1,813	49	73	51	9,182	49							
			Total	51	100	3,693	100	143	100	18,692	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	10	512	14	18	13	2,694	14	2.6	2.6	-.01	2.7	-.04	2.6	-.02
		2	Some	18	36	1,227	33	49	35	5,868	31							
		3	Quite a bit	18	36	1,070	29	39	27	5,624	30							
		4	Very much	9	18	876	24	36	25	4,461	24							
			Total	50	100	3,685	100	142	100	18,647	100							

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				Frequency Distributions								Statistical Comparisons ^k						
				Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Your seniors compared with				
Item wording or description	Variable name ^l	Values ^m	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	1	2	261	7	12	8	1,334	7	3.0	3.0	-.01	3.1	-.07	3.0	-.02
		2	Some	14	27	807	22	24	17	3,939	21							
		3	Quite a bit	20	39	1,264	34	50	35	6,496	35							
		4	Very much	16	31	1,359	37	57	40	6,916	37							
		Total		51	100	3,691	100	143	100	18,685	100							
f. Working effectively with others	pgothers	1	Very little	0	0	131	4	4	3	838	4	3.0	3.2	-.15	3.2	-.17	3.1	-.11
		2	Some	16	32	648	18	29	20	3,434	18							
		3	Quite a bit	16	32	1,386	38	47	33	6,867	37							
		4	Very much	18	36	1,529	41	63	44	7,558	40							
		Total		50	100	3,694	100	143	100	18,697	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	4	8	354	10	15	10	1,593	9	2.8	2.9	-.06	2.9	-.04	3.0	-.14
		2	Some	16	32	866	24	34	24	4,015	21							
		3	Quite a bit	14	28	1,259	34	47	33	6,404	34							
		4	Very much	16	32	1,206	33	47	33	6,663	36							
		Total		50	100	3,685	100	143	100	18,675	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	7	14	255	7	12	8	1,435	8	2.7	3.0 *	-0.30	3.0	-.30	3.0 *	-.28
		2	Some	14	27	841	23	27	19	4,359	23							
		3	Quite a bit	17	33	1,299	35	54	38	6,273	34							
		4	Very much	13	25	1,291	35	50	35	6,600	35							
		Total		51	100	3,686	100	143	100	18,667	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	10	267	7	13	9	1,461	8	2.8	2.9	-.11	2.8	-.06	2.9	-.12
		2	Some	16	31	976	26	40	28	4,809	26							
		3	Quite a bit	15	29	1,347	37	47	33	6,701	36							
		4	Very much	15	29	1,100	30	43	30	5,723	31							
		Total		51	100	3,690	100	143	100	18,694	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	7	14	314	8	15	11	1,670	9	2.7	2.9	-.25	2.8	-.15	2.9	-.24
		2	Some	18	36	929	25	39	28	4,694	25							
		3	Quite a bit	10	20	1,254	34	45	32	6,286	34							
		4	Very much	15	30	1,199	32	42	30	6,034	32							
		Total		50	100	3,696	100	141	100	18,684	100							

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors^a in Interdisc. Studies

				Frequency Distributions								Statistical Comparisons ^k							
												<i>Your seniors compared with</i>							
Item wording or description	Variable name ^l	Values ^m	Response options	Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ⁿ	Mean	Effect size ⁿ	Mean	Effect size ⁿ	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	1	2	55	1	1	1	355	2	3.4	3.3	.06	3.2	.22	3.3	.05	
		2	Fair	2	4	348	9	21	15	1,832	10								
		3	Good	25	49	1,624	44	65	46	7,728	41								
		4	Excellent	23	45	1,672	45	54	38	8,805	47								
			Total	51	100	3,699	100	141	100	18,720	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	2	4	129	3	8	6	778	4	3.3	3.3	-.01	3.1	.18	3.3	.00	
		2	Probably no	6	12	407	11	21	15	2,165	12								
		3	Probably yes	19	37	1,397	38	59	41	6,752	36								
		4	Definitely yes	25	48	1,777	48	56	39	9,062	48								
			Total	52	100	3,710	100	144	100	18,757	100								

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	17	94	1,918	75	82	86	8,661	75	45	87	2,960	80	116	81	14,870	79
		More than one	1	6	633	25	13	14	2,890	25	7	13	748	20	28	19	3,873	21
		Total	18	100	2,551	100	95	100	11,551	100	52	100	3,708	100	144	100	18,743	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	55	2	0	0	302	3	0	0	60	2	1	1	307	2
		Biological Sci., Agriculture, & Natural Resources	11	61	378	15	7	7	1,524	13	12	23	681	18	5	4	2,060	11
		Physical Sci., Mathematics, & Computer Science	0	0	8	0	0	0	36	0	0	0	11	0	1	1	49	0
		Social Sciences	0	0	76	3	3	3	287	2	0	0	83	2	0	0	332	2
		Business	0	0	50	2	0	0	257	2	1	2	42	1	1	1	313	2
		Communications, Media, & Public Relations	3	17	1,764	69	72	76	6,981	60	6	12	2,152	58	73	51	8,735	46
		Education	0	0	4	0	1	1	66	1	0	0	5	0	0	0	76	0
		Engineering	0	0	2	0	0	0	19	0	1	2	1	0	0	0	30	0
		Health Professions	0	0	79	3	5	5	879	8	3	6	210	6	15	11	2,502	13
		Social Service Professions	0	0	23	1	1	1	364	3	0	0	37	1	2	1	950	5
		All Other	4	22	119	5	6	6	866	7	29	56	437	12	44	31	3,478	18
		Undecided, Undeclared	0	0	2	0	0	0	9	0	0	0	0	0	0	0	4	0
		Total	18	100	2,560	100	95	100	11,590	100	52	100	3,719	100	142	100	18,836	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	93	15	2	17	390	14	2	29	114	15	5	18	441	11
		Biological Sci., Agriculture, & Natural Resources	1	100	49	8	1	8	254	9	0	0	62	8	2	7	289	8
		Physical Sci., Mathematics, & Computer Science	0	0	7	1	0	0	31	1	0	0	11	1	2	7	35	1
		Social Sciences	0	0	99	16	1	8	291	10	0	0	120	16	2	7	382	10
		Business	0	0	52	8	1	8	215	7	0	0	48	6	2	7	263	7
		Communications, Media, & Public Relations	0	0	252	40	5	42	1,076	38	1	14	199	27	7	25	1,002	26
		Education	0	0	2	0	0	0	28	1	1	14	7	1	0	0	94	2
		Engineering	0	0	2	0	0	0	12	0	0	0	3	0	0	0	26	1
		Health Professions	0	0	14	2	1	8	167	6	1	14	42	6	4	14	465	12
		Social Service Professions	0	0	15	2	0	0	119	4	0	0	25	3	1	4	284	7
		All Other	0	0	28	4	0	0	202	7	2	29	103	14	2	7	479	12
		Undecided, Undeclared	0	0	14	2	1	8	83	3	0	0	11	1	1	4	88	2
		Total	1	100	627	100	12	100	2,868	100	7	100	745	100	28	100	3,848	100
22. What is your class level?	class	Freshman/First-year	14	78	2,273	90	71	76	9,861	86	0	0	5	0	0	0	39	0
		Sophomore	4	22	213	8	21	22	1,288	11	1	2	18	0	1	1	112	1
		Junior	0	0	38	2	1	1	207	2	0	0	245	7	1	1	1,023	5
		Senior	0	0	2	0	0	0	47	0	49	94	3,361	91	136	96	17,096	92
		Unclassified	0	0	0	0	1	1	59	1	2	4	53	1	4	3	369	2
		Total	18	100	2,526	100	94	100	11,462	100	52	100	3,682	100	142	100	18,639	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23. Thinking about this current academic term, are you a full-time student?	fulltime	No	2	11	52	2	4	4	444	4	20	38	673	18	33	23	3,814	21
		Yes	16	89	2,467	98	88	96	10,978	96	32	62	2,995	82	109	77	14,727	79
		Total	18	100	2,519	100	92	100	11,422	100	52	100	3,668	100	142	100	18,541	100
24a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	8	0	0	0	57	0	1	2	88	2	5	4	512	3
		1	1	6	11	0	2	2	155	1	4	8	116	3	9	6	1,078	6
		2	0	0	20	1	2	2	299	3	7	13	245	7	9	6	2,099	11
		3	1	6	55	2	1	1	374	3	6	12	364	10	16	11	2,150	12
		4	7	39	709	28	13	14	2,875	25	13	25	1,210	33	38	27	5,240	28
		5	7	39	1,129	45	52	56	4,817	42	18	35	1,064	29	36	26	4,321	23
		6	2	11	428	17	14	15	1,946	17	0	0	380	10	12	9	1,929	10
		7 or more	0	0	170	7	9	10	954	8	3	6	219	6	16	11	1,326	7
		Total	18	100	2,530	100	93	100	11,477	100	52	100	3,686	100	141	100	18,655	100
		b. Of these, how many are entirely online ?	onlinenum	0	12	67	1,962	78	64	69	8,832	77	22	42	2,209	60	54	39
1	4			22	360	14	18	19	1,451	13	13	25	799	22	40	29	3,779	20
2	0			0	138	5	7	8	592	5	9	17	351	10	19	14	2,546	14
3	1			6	40	2	2	2	173	2	4	8	138	4	10	7	1,032	6
4	0			0	11	0	2	2	187	2	3	6	96	3	6	4	865	5
5	1			6	4	0	0	0	60	1	1	2	41	1	3	2	238	1
6	0			0	3	0	0	0	34	0	0	0	16	0	7	5	245	1
7 or more	0			0	1	0	0	0	101	1	0	0	23	1	1	1	316	2
Total	18			100	2,519	100	93	100	11,430	100	52	100	3,673	100	140	100	18,580	100
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum.)	onlinecscol	No courses taken online	12	67	1,962	78	64	69	8,832	77	22	42	2,209	60	54	39	9,558	51
		Some courses taken online	3	17	513	20	26	28	1,847	16	19	37	1,146	31	59	42	5,011	27
		All courses taken online	3	17	44	2	3	3	751	7	11	21	318	9	27	19	4,010	22
		Total	18	100	2,519	100	93	100	11,430	100	52	100	3,673	100	140	100	18,579	100
25. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	20	1	0	0	157	1	0	0	14	0	0	0	58	0
		C	0	0	44	2	2	2	243	2	2	4	40	1	5	4	225	1
		C+	1	6	64	3	7	8	388	3	3	6	85	2	3	2	520	3
		B-	3	17	105	4	8	9	584	5	2	4	172	5	11	8	879	5
		B	1	6	360	14	14	15	1,672	15	7	13	554	15	17	12	2,628	14
		B+	1	6	485	19	16	17	2,096	18	7	13	708	19	23	16	3,395	18
		A-	2	11	646	26	27	29	2,787	24	9	17	975	26	27	19	4,338	23
		A	10	56	800	32	19	20	3,527	31	22	42	1,135	31	54	39	6,577	35
		Total	18	100	2,524	100	93	100	11,454	100	52	100	3,683	100	140	100	18,620	100
26. Did you begin college at this institution or elsewhere?	begincol	Started here	15	83	2,362	94	80	86	10,287	90	20	38	2,311	63	76	54	9,810	53
		Started elsewhere	3	17	161	6	13	14	1,165	10	32	62	1,365	37	65	46	8,782	47
		Total	18	100	2,523	100	93	100	11,452	100	52	100	3,676	100	141	100	18,592	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
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	0	0	37	1	4	4	482	4	9	18	157	4	9	6	1,810	10
	attend_com	Community or junior college	4	22	175	7	10	11	1,113	10	32	63	1,325	36	55	39	7,901	43
	attend_col	4-year college or university other than this one	1	6	189	8	8	9	1,035	9	12	24	880	24	47	33	5,046	27
	attend_none	None	13	72	2,086	83	70	76	8,811	77	15	29	1,778	49	50	35	7,267	39
	attend_other	Other	1	6	52	2	4	4	351	3	1	2	102	3	5	4	750	4
28. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	1	6	143	6	15	16	927	8	1	2	195	5	21	15	1,472	8
		Bachelor's degree (B.A., B.S., etc.)	11	61	1,189	47	47	51	5,427	48	24	47	1,609	44	47	33	7,868	42
		Master's degree (M.A., M.S., etc.)	4	22	906	36	29	32	3,966	35	21	41	1,398	38	53	38	7,201	39
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	2	11	280	11	1	1	1,082	9	5	10	468	13	20	14	2,040	11
		Total	18	100	2,518	100	92	100	11,402	100	51	100	3,670	100	141	100	18,581	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	0	0	66	3	3	3	420	4	3	6	100	3	8	6	1,030	6
		High school diploma or G.E.D.	2	11	265	11	17	18	1,782	16	16	31	504	14	35	25	3,799	20
		Attended college, but did not complete degree	3	17	208	8	13	14	1,161	10	9	18	313	9	17	12	2,100	11
		Associate's degree (A.A., A.S., etc.)	2	11	134	5	9	10	986	9	5	10	295	8	12	9	1,839	10
		Bachelor's degree (B.A., B.S., etc.)	5	28	866	34	24	26	3,460	30	12	24	1,216	33	36	26	5,236	28
		Master's degree (M.A., M.S., etc.)	6	33	696	28	23	25	2,708	24	4	8	853	23	28	20	3,387	18
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	0	0	277	11	3	3	866	8	2	4	386	11	5	4	1,153	6
		Total	18	100	2,512	100	92	100	11,383	100	51	100	3,667	100	141	100	18,544	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	11	61	1,839	73	50	54	7,034	62	18	35	2,455	67	69	49	9,776	53
		First-generation	7	39	673	27	42	46	4,349	38	33	65	1,212	33	72	51	8,768	47
		Total	18	100	2,512	100	92	100	11,383	100	51	100	3,667	100	141	100	18,544	100
30. What is your gender identity?	genderid	Man	9	50	631	25	16	17	3,070	27	15	29	995	27	36	26	5,401	29
		Woman	9	50	1,840	73	76	82	8,117	71	31	61	2,615	71	103	73	12,855	69
		Another gender identity	0	0	24	1	0	0	107	1	1	2	29	1	1	1	115	1
		I prefer not to respond	0	0	20	1	1	1	118	1	4	8	31	1	1	1	209	1
		Total	18	100	2,515	100	93	100	11,412	100	51	100	3,670	100	141	100	18,580	100
31. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear.)	19 or younger	13	72	2,369	94	75	82	9,803	86	0	0	20	1	2	1	82	0
		20-23	2	11	110	4	12	13	753	7	18	36	2,779	76	87	62	11,045	60
		24-29	0	0	8	0	2	2	228	2	10	20	419	11	24	17	2,636	14
		30-39	2	11	15	1	2	2	271	2	6	12	241	7	10	7	2,194	12
		40-55	1	6	9	0	1	1	260	2	15	30	162	4	15	11	2,141	12
		Over 55	0	0	2	0	0	0	43	0	1	2	33	1	2	1	339	2
		Total	18	100	2,513	100	92	100	11,358	100	50	100	3,654	100	140	100	18,437	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32a. Are you an international student? [If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	internat	No	18	100	2,360	94	92	99	10,933	96	48	96	3,514	96	138	98	18,069	98
		Yes	0	0	147	6	1	1	443	4	2	4	139	4	3	2	435	2
		Total	18	100	2,507	100	93	100	11,376	100	50	100	3,653	100	141	100	18,504	100
	countrycol (Recoded from country.)	Africa Sub-Saharan	0	0	2	1	0	0	26	6	0	0	5	4	1	50	19	5
		Asia	0	0	97	69	0	0	213	53	2	100	80	63	0	0	163	42
		Canada	0	0	3	2	0	0	14	3	0	0	2	2	1	50	14	4
		Europe	0	0	17	12	1	100	80	20	0	0	19	15	0	0	68	18
		Latin America and Caribbean	0	0	18	13	0	0	52	13	0	0	16	13	0	0	92	24
		Middle East and North Africa	0	0	2	1	0	0	13	3	0	0	5	4	0	0	21	5
		Oceania	0	0	2	1	0	0	7	2	0	0	0	0	0	0	10	3
Unknown region/uncoded		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	141	100	1	100	405	100	2	100	127	100	2	100	387	100		
33. How would you describe yourself? (Select all that apply.) Racial or ethnic identification	re_amind	American Indian or Alaska Native	0	0	50	2	4	4	258	2	1	2	70	2	2	1	393	2
		Asian	0	0	302	12	1	1	866	8	1	2	311	9	0	0	1,058	6
	re_black	Black or African American	2	11	221	9	31	33	1,447	13	1	2	286	8	37	26	2,258	12
	re_latino	Hispanic or Latina/o	0	0	303	12	8	9	1,518	13	1	2	482	13	6	4	2,508	14
	re_mena	Middle Eastern or N. African (2019)	0	0	9	1	2	3	61	1	1	2	18	1	1	1	71	1
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	22	1	1	1	126	1	0	0	35	1	0	0	193	1
	re_white	White	18	100	1,848	74	52	56	8,036	71	43	86	2,666	73	94	67	12,830	69
	re_another	Another race or ethnicity (2019)	0	0	12	1	1	1	78	1	0	0	14	1	2	2	149	1
	re_other	Other (2018)	0	0	20	2	0	0	107	2	0	0	34	2	2	6	170	2
	re_pnr	I prefer not to respond	0	0	44	2	4	4	282	2	3	6	94	3	5	4	625	3
	re_all19 (Items re_amind to re_pnr recoded where each student is represented only once)	American Indian or Alaska Native	0	0	6	0	2	2	44	0	0	0	16	0	0	0	103	1
		Asian	0	0	226	9	1	1	595	5	1	2	233	6	0	0	716	4
		Black or African American	0	0	150	6	24	26	1,075	9	1	2	232	6	36	26	1,894	10
		Hispanic or Latina/o	0	0	159	6	3	3	953	8	1	2	309	8	3	2	1,749	9
		Middle Eastern or N. African (2019)	0	0	2	0	2	2	26	0	1	2	8	0	1	1	32	0
Native Hawaiian/Other Pac. Islander		0	0	2	0	0	0	27	0	0	0	11	0	0	0	62	0	
White		16	89	1,592	64	47	51	7,019	62	42	84	2,384	65	88	62	11,640	63	
Another race or ethnicity (2019)		0	0	4	0	0	0	30	0	0	0	8	0	0	0	71	0	
Other (2018)	0	0	11	0	0	0	57	1	0	0	26	1	1	1	110	1		
Multiracial	2	11	300	12	10	11	1,236	11	1	2	328	9	7	5	1,497	8		
I prefer not to respond	0	0	44	2	4	4	282	2	3	6	94	3	5	4	625	3		
Total	18	100	2,496	100	93	100	11,344	100	50	100	3,649	100	141	100	18,499	100		
34. Are you a member of a social fraternity or sorority?	greek	No	18	100	1,991	79	86	92	9,974	88	47	92	2,908	79	125	89	16,040	86
		Yes	0	0	520	21	7	8	1,415	12	4	8	756	21	16	11	2,505	14
		Total	18	100	2,511	100	93	100	11,389	100	51	100	3,664	100	141	100	18,545	100

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University

Interdisc. Studies

Item wording or description	Variable name	Response options	First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
			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)	10	56	1,996	80	59	64	8,044	71	1	2	385	11	21	15	2,825	15
		Fraternity or sorority house	0	0	42	2	0	0	84	1	0	0	96	3	3	2	221	1
		House, apartment, or other residence within walking distance to campus	2	11	128	5	7	8	546	5	8	16	1,391	38	31	22	4,236	23
		House, apartment, or other residence farther than walk. dist. to campus	5	28	308	12	25	27	2,070	18	36	71	1,610	44	68	49	8,289	45
		Not applicable: No campus, entirely online program, etc.	1	6	18	1	1	1	556	5	6	12	174	5	17	12	2,855	15
		Not applicable: Homeless or in transition	0	0	7	0	0	0	38	0	0	0	4	0	0	0	50	0
		Total	18	100	2,499	100	92	100	11,338	100	51	100	3,660	100	140	100	18,476	100
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	18	100	2,402	96	90	98	10,406	92	51	100	3,576	98	133	94	17,681	95
		Yes	0	0	107	4	2	2	964	8	0	0	82	2	8	6	834	5
		Total	18	100	2,509	100	92	100	11,370	100	51	100	3,658	100	141	100	18,515	100
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	18	100	2,488	99	93	100	11,177	99	48	96	3,530	96	137	97	17,053	92
		Yes	0	0	16	1	0	0	169	1	2	4	136	4	4	3	1,447	8
		Total	18	100	2,504	100	93	100	11,346	100	50	100	3,666	100	141	100	18,500	100
38a. Have you been diagnosed with any disability or impairment?	disability	No	17	94	2,075	83	75	81	9,189	81	43	84	3,017	82	117	83	15,046	81
		Yes	1	6	357	14	14	15	1,747	15	5	10	539	15	15	11	2,783	15
		I prefer not to respond	0	0	80	3	4	4	439	4	3	6	105	3	9	6	715	4
		Total	18	100	2,512	100	93	100	11,375	100	51	100	3,661	100	141	100	18,544	100
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment (vision or hearing)	0	0	38	11	1	7	204	12	1	20	53	10	2	13	326	12
	dis_mobility	A mobility impairment	0	0	13	4	0	0	73	4	0	0	38	7	3	20	264	10
	dis_learning	A learning disability (e.g., ADHD, dyslexia)	1	100	152	43	10	71	748	43	2	40	226	42	6	40	1,125	41
	dis_mental	A mental health disorder	0	0	179	50	5	36	845	49	3	60	294	55	7	47	1,323	48
	dis_other	A disability or impairment not listed above	0	0	47	13	2	14	284	16	0	0	85	16	2	13	630	23
	Disability or impairment	disability_all	A sensory impairment	0	0	28	1	0	0	132	1	1	2	25	1	2	1	159
(Items dis_sense to dis_other recorded where each student is represented only once.)		A mobility impairment	0	0	6	0	0	0	28	0	0	0	16	0	2	1	104	1
		A learning disability	1	6	108	4	7	8	505	4	1	2	130	4	2	1	658	4
		A mental health disorder	0	0	119	5	3	3	545	5	2	4	188	5	4	3	768	4
		A disability or impairment not listed	0	0	32	1	1	1	173	2	0	0	46	1	1	1	354	2
		More than one disability or impairment	0	0	64	3	3	3	355	3	1	2	133	4	4	3	725	4
		No disability or impairment	17	94	2,075	83	75	81	9,189	81	43	84	3,017	82	117	83	15,046	81
	Prefer not to respond	0	0	80	3	4	4	439	4	3	6	105	3	9	6	715	4	
	Total	18	100	2,512	100	93	100	11,366	100	51	100	3,660	100	141	100	18,529	100	

NSSE 2019 Major Field Report, Part II: Comparisons to Other Institutions

Respondent Profile: Interdisc. Studies Tennessee Technological University





Interdisc. Studies

			First-Year Students ^a								Seniors ^a							
			Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019		Tennessee Tech		Carnegie Class		Quality Assurance		NSSE 2018 & 2019	
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)	16	89	2,007	80	70	75	9,104	80	44	86	2,973	81	116	82	15,491	84
		Bisexual	1	6	223	9	14	15	938	8	0	0	299	8	7	5	1,095	6
		Gay	0	0	58	2	2	2	207	2	0	0	90	2	4	3	324	2
		Lesbian	1	6	29	1	2	2	144	1	1	2	36	1	2	1	228	1
		Queer	0	0	35	1	0	0	120	1	1	2	71	2	0	0	206	1
		Questioning or unsure	0	0	49	2	1	1	220	2	0	0	39	1	1	1	183	1
		Another sexual orientation	0	0	33	1	2	2	163	1	0	0	35	1	2	1	186	1
		I prefer not to respond	0	0	80	3	2	2	491	4	5	10	119	3	9	6	832	4
Total			18	100	2,514	100	93	100	11,387	100	51	100	3,662	100	141	100	18,545	100
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex19	Female	9	50	1,912	75	79	83	8,395	72	36	69	2,684	72	108	75	13,223	70
		Male	9	50	649	25	16	17	3,180	27	16	31	1,033	28	36	25	5,586	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	23	0	0	0	4	0	0	0	36	0
		Total			18	100	2,561	100	95	100	11,599	100	52	100	3,721	100	144	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	8	0	1	1	52	0	0	0	15	0	0	0	110	1
		Asian	0	0	103	5	1	1	385	4	2	4	115	4	0	0	524	3
		Black or African American	0	0	138	6	29	31	996	9	2	4	225	7	36	25	1,744	10
		Hispanic or Latino	0	0	253	11	7	7	1,343	13	0	0	432	13	5	3	2,227	13
		Native Hawaiian/Other Pac. Islander	0	0	0	0	0	0	40	0	0	0	3	0	0	0	51	0
		White	15	83	1,454	65	47	49	6,526	62	45	87	2,154	66	95	66	10,691	63
		Other	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0
		Foreign or nonresident	0	0	109	5	1	1	347	3	0	0	118	4	4	3	343	2
		Two or more races/ethnicities	2	11	150	7	4	4	516	5	2	4	141	4	1	1	618	4
Total			18	100	2,248	100	95	100	10,599	100	52	100	3,255	100	144	100	17,081	100
Institution-reported: Class level	IRclass	Freshman/First-Year	18	100	2,561	100	95	100	11,599	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	52	100	3,721	100	144	100	18,845	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total			18	100	2,561	100	95	100	11,599	100	52	100	3,721	100	144	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	4	22	287	11	18	19	1,698	15	49	94	3,721	100	144	100	18,678	99
		First-time first-year	14	78	2,274	89	76	81	9,900	85	3	6	0	0	0	0	167	1
		Total			18	100	2,561	100	94	100	11,598	100	52	100	3,721	100	144	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	2	11	73	3	7	7	568	5	17	33	532	14	35	24	3,476	18
		Full-time	16	89	2,488	97	88	93	11,031	95	35	67	3,189	86	109	76	15,369	82
		Total			18	100	2,561	100	95	100	11,599	100	52	100	3,721	100	144	100

Endnotes

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean $\pm 1.96 * SEM$.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t -tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: $*p < .05$, $**p < .01$, $***p < .001$ (2-tailed).
- g. Cohen's d : The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. Percentage point differences (institution – comp. group) rounded to whole numbers. Values less than one may not display a bar and may be shown as +0 or -0.
 $*p < .05$, $**p < .01$, $***p < .001$ (z -test comparing participation rates).
- j. Cohen's h : The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. Means calculated from ordered response options (e.g., Very Often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a z -test.
- l. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- n. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h .
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

Key to symbols:

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

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

Reference: Rocconi, L.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.