Tennessee Technological University NSSE 2016 Major Field Report, Part II Comparisons to Other Institutions Interdisc. Studies

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

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



Note:

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



NSSE 2016 Major Field Report, Part II

About This Report

About Your Major Field Report, Part II

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

NSSE results included in MFR, Part II

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

Related-Major Groups

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

Sample

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

Class

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

Technical Requirements

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

Report Sections

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



Overview of Engagement Indicators: Interdisc. Studies Tennessee Technological University

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.
- \triangle 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.
- **Vour students' average** was significantly lower (p<.05) with an effect size at least .3 in magnitude.

		First-Yea	r Students in Interdis	c. Studies	Sei	niors in Interdisc. Stu	dies
		Your first-year students compared with	Your first-year students compared with	Your first-year students compared with	Your seniors compared with	Your seniors compared with	Your seniors compared with
Theme	Engagement Indicator	Carnegie Class	THEC Peer Group	NSSE 2015 & 2016	Carnegie Class	THEC Peer Group	NSSE 2015 & 2016
	Higher-Order Learning						
Academic	Reflective & Integrative Learning						
Challenge	Learning Strategies						
	Quantitative Reasoning						
Learning with	Collaborative Learning						
Peers	Discussions with Diverse Others						
Experiences	Student-Faculty Interaction						
with Faculty	Effective Teaching Practices						
Campus	Quality of Interactions						
Environment	Supportive Environment						



Engagement Indicators: Interdisc. Studies Tennessee Technological University

Seniors^a in

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



Engagement Indicators: Interdisc. Studies Tennessee Technological University

Seniors^a in

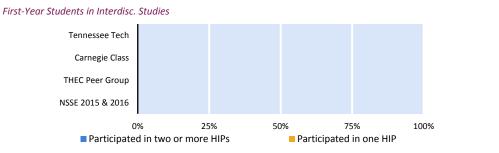
Interdisc. Studies	Mea	n statistics			Percer	ntile ^d scores			C	Comparison re	sults	
										Mean		Effect
	Mean	SD ^b	SEM ^c	5th	25th	50th	75th	95th	Deg. of freedom ^e	diff.	Sig. ^f	size ^g
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech $(N = 38)$	23.2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

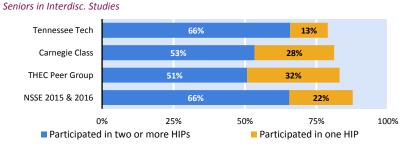


High-Impact Practices: Interdisc. Studies Tennessee Technological University

Overall HIP Participation^a

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





Statistical Comparisons^a

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

	Tennessee Tech	Carnegie	Class	THEC P	eer Group	NSSE 2	015 & 2016
First-Year Students in Interdisc. Studies	%	% ⁱ	Effect size ^j	% ⁱ	Effect size ^j	% ⁱ	Effect size
11c. Learning community							
12. Service-learning							
11e. Research with faculty							
Participated in at least one							
Participated in two or more							
Seniors in Interdisc. Studies							
11c. Learning community	37	21 *	.36	20	.38	24	.29
12. Service-learning	63	68	11	61	.05	69	12
11e. Research with faculty	27	15 *	.30	24	.07	28	02
11a. Internship or field exp.	42	46	07	38	.07	55	26
11d. Study abroad	8 📕	6	.06	5	.13	14	19
11f. Culminating senior exp.	58	30 ***	.57	44	.28	47	.21
Participated in at least one	79	81	06	83	11	88	24
Participated in two or more	66	53	.25	51	.31	66	.01



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequer	ncy D	Distribution	S				St	atistical	Comparis	ons ^k		
Interdisc. Stu	dies									NSSE 2015	: &				Your seniors co	ompared v	vith	
				Tennessee ⁻	Геch	Carnegie Cl	lass	THEC Peer G	roup	2016	, a	Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable								· ·					, Effect		Effect		Effect
or description	name ¹		¹ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size ⁿ	Mean	size "	Mean	size ⁿ
1. During the current s	•	it how o	•	e following?														
a. Asked questions or	askquest	1	Never	1	3	12	2	1	2	76	2							
contributed to course discussions in other		2	Sometimes	7	18	125	17	3	5	793	18							
ways		3	Often	10	26	191	26	15	23	1,238	28	3.3	3.3	07	3.6 *	45	3.3	01
		4	Very often	20	53	401	55	45	70	2,250	52				▼			
			Total	38	100	729	100	64	100	4,357	100							
b. Prepared two or more	drafts	1	Never	6	16	97	13	9	14	714	16							
drafts of a paper or		2	Sometimes	14	38	237	33	16	25	1,486	34							
assignment before turning it in		3	Often	6	16	201	28	23	35	1,137	26	2.6	2.7	07	2.7	14	2.6	.04
turning it in		4	Very often	11	30	191	26	17	26	994	23							
			Total	37	100	726	100	65	100	4,331	100							
c. Come to class without	unpreparedr	1	Very often	4	11	31	4	3	5	228	5							
completing readings or	(Reverse-coded	2	Often	2	5	56	8	4	6	458	11							
assignments	version of	3	Sometimes	14	37	359	50	33	52	2,347	54	3.2	3.2	01	3.2	.00	3.1	.16
	unprepared	4	Never	18	47	273	38	23	37	1,289	30							
	created by NSSE.)		Total	38	100	719	100	63	100	4,322	100							
d. Attended an art exhibit,	attendart	1	Never	15	41	385	53	31	48	1,867	43							
play or other arts		2	Sometimes	17	46	239	33	24	37	1,661	38							
performance (dance,		3	Often	3	8	70	10	7	11	532	12	1.8	1.6	.17	1.7	.07	1.8	04
music, etc.)		4	Very often	2	5	30	4	3	5	273	6							
			Total	37	100	724	100	65	100	4,333	100							
e. Asked another student	CLaskhelp	1	Never	5	13	208	29	19	29	794	18							
to help you understand	1	2	Sometimes	16	42	296	41	30	46	1,941	45							
course material		3	Often	11	29	150	21	10	15	1,086	25	2.5	2.1 *	.37	2.0 *	.47	2.3	.18
		4	Very often	6	16	74	10	6	9	526	12			.57	2.0	,	2.5	.10
			Total	38	100	728	100		100	4,347	100							
f. Explained course	CLexplain	1	Never	2	5		18		13	389	9							
material to one or more	Chengham	2	Sometimes	16	42	265	36		56	1,645	38							
students		2	Often	10	37	205	30		21	1,483	34	2.6	2.4	.20	2.3	.40	2.6	.00
		4	Very often	6	16	114	16		11	819	19	2.0	2.4	.20	2.3	.40	2.0	.00
		4	Total	38	100	727	100		100		19							
			Total	38	100	121	100	03	100	4,336	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequen	ncy D	istribution	IS				Sta	atistical	Compariso	ons ^k		
Interdisc. Stud	ies									NSSE 2015	8				Your seniors co	mpared w	vith	
				Tennessee -	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Tech	Carnegie	e Class	THEC Peer	Group	NSSE 2015	& 2016
Item wording	Variable													Effect		Effect		Effect
or description	name ¹	Values'	" Response options Never	Count 5	% 13	Count 244	% 33	Count 27	% 42	Count 1,016	23	Mean	Mean	size "	Mean	size "	Mean	size "
 g. Prepared for exams by discussing or working 	CLstudy	2	Sometimes	13	34	244	33	15	23	1,561	23 36							
through course material		2	Often	13	26		23	13	23 28	1,085	25	2.7	21 **	50	20 **	(2)	22*	22
with other students		4		10	20 26	86	12	5	20 8	685	23 16	2.1	2.1 **	.52	2.0 **	.63	2.3 *	.33
		4	Very often Total	38	100	80 729	12	65	100	4,347	100							
h. Worked with other	CLproject	1	Never	4	100	129	100	14	22	445	100							
students on course	CEpiojeet	2	Sometimes	4	13	124	27	24	38	1,381	32							
projects or assignments		2	Often	9	24	199	27	24	33	1,581	33	3.2	2.7 **	.48	2.3 ***	.97	2.7 **	.48
		4	Very often	20	53	209	29	5	8	1,430	25	3.4	2.7 ***	.40	2.5	.97	2.7	.40
		-	Total	38	100	731	100	64	100	4,335	100							
i. Given a course	present	1	Never	4	100	151	21	13	20	545	13							
presentation	present	2	Sometimes	8	21	187	21	22	34	1,333	31							
		3	Often	9	24	219	30	22	31	1,395	32	3.0	2.6 **	.43	2.4 **	.61	2.7 *	.34
		4	Very often	17	45	173	24	10	15	1,075	25	5.0	2.0	.45	2.4	.01	2.7	.34
			Total	38	100	730	100	65	100	4,348	100							
2. Destine the second cal										.,								
2. During the current sch a. Combined ideas from	Rlintegrate		Never	e following:	11	29	4	2	3	137	3							
different courses when	Kinnegrate	2	Sometimes	4	32	185	25	17	26	977	22							
completing assignments		2	Often	12	32 26	293	23 40	24	20 37			2.8	2.0	- 21	2.0	25	2.1	22
		5	Very often	10	20 32	293 221	40 30	24 22	34	1,683 1,549	39 36	2.0	3.0	21	3.0	25	3.1	33
		4	Total	38	100	728	100	65	100	4,346	100							
b. Connected your	RIsocietal	1	Never	4	100	29	4	2	3	4,340	4							
learning to societal	Kisocietai	2	Sometimes	4	29	29 140	19	2 9	14	949	22							
problems or issues		2	Often	11	29 34	298	41	29	45	1,647	38	2.8	21*	20	20*	40	21 *	26
		4	Very often	10	26	258	35	25	38	1,047	36	2.0	3.1 *	38	3.2 *	49	3.1 *	36
		4	Total	38	100	724	100	65	100	4,333	100		•		•		V	
c. Included diverse	RIdiverse	1	Never	38	8	40	6	4	6	280	6							
perspectives (political,	Ruiveise	2	Sometimes	10	26	185	25	15	23	1,286	30							
religious, racial/ethnic,		2	Often	10	20 39	273	38	24	23 37	1,280	30 34	2.8	2.9	12	3.0	16	2.9	03
gender, etc.) in course		3	Very often	13	26	273	30	24 22	34	1,493	29	2.0	2.9	12	5.0	10	2.9	05
discussions or assignments		4	Total	38	100	726	100	65	100	4,329	100							
assignments			10141		100	720	100	03	100	+,329	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors ^a in						Frequen	cy D	istribution	s				St	atistical	Comparis	sons ^k		
Interdisc. Stud	dies									NSSE 2015	. 0				Your seniors c	ompared v	vith	
				Tennessee ⁻	Tech	Carnegie Cla	cc	THEC Peer Gr	oun	NSSE 2015 2016	ο άλ	Tennessee Tech	Carneg	ie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable			Termessee	reen	carriegie ela	55		oup	2010			curreg	Effect	meeree	Effect	14552 201	Effect
or description	name'	Values"		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
d. Examined the strengths	RIownview	1	Never	3	8	13	2	3	5	116	3							
and weaknesses of your own views on a		2	Sometimes	12	32	149	20	11	17	1,112	26							
topic or issue		3	Often	11	29	327	45	30	46	1,837	42	2.8	3.1	31	3.1	25	3.0	17
-		4	Very often	12	32	239	33	21	32	1,269	29							
			Total	38	100	728	100	65	100	4,334	100							
e. Tried to better	RIperspect	1	Never	1	3	9	1	2	3	87	2							
understand someone		2	Sometimes	6	16	144	20	12	18	950	22							
else's views by imagining how an issue		3	Often	17	46	319	44	27	42	1,872	43	3.1	3.1	.01	3.1	.01	3.1	.08
looks from his or her		4	Very often	13	35	256	35	24	37	1,426	33							
perspective			Total	37	100	728	100	65	100	4,335	100							
f. Learned something that	RInewview	1	Never	1	3	7	1	1	2	60	1							
changed the way you		2	Sometimes	13	35	179	25	16	25	1,090	25							
understand an issue or concept		3	Often	13	35	303	42	29	45	1,811	42	2.9	3.1	25	3.0	19	3.0	22
concept		4	Very often	10	27	240	33	19	29	1,373	32							
			Total	37	100	729	100	65	100	4,334	100							
g. Connected ideas from	RIconnect	1	Never	1	3	5	1	0	0	25	1							
your courses to your		2	Sometimes	5	14	73	10	9	14	520	12							
prior experiences and knowledge		3	Often	12	32	296	41	21	32	1,748	40	3.3	3.4	06	3.4	10	3.3	02
Kliowledge		4	Very often	19	51	349	48	35	54	2,039	47							
			Total	37	100	723	100	65	100	4,332	100							
3. During the current so	hool year, abo	ut how o	often have you done th	e following?														
a. Talked about career	SFcareer	1	Never	5	13	176	24	22	34	729	17							
plans with a faculty		2	Sometimes	18	47	297	41	21	32	1,762	41							
member		3	Often	10	26	161	22	14	22	1,109	26	2.4	2.2	.17	2.1	.28	2.4	04
		4	Very often	5	13	93	13	8	12	743	17							
			Total	38	100	727	100	65	100	4,343	100							
b. Worked with a faculty	SFotherwork	1	Never	19	50	436	60	41	63	1,995	46							
member on activities		2	Sometimes	9	24	165	23	14	22	1,221	28							
other than coursework (committees, student		3	Often	5	13	70	10	6	9	640	15	1.9	1.6	.27	1.6	.32	1.9	01
groups, etc.)		4	Very often	5	13	54	7	4	6	476	11							
Broups, etc.)			Total	38	100	725	100	65	100	4,332	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequen	ncy D	istribution	S				St	atistical	Compari	sons ^k		
Interdisc. Stud	lies									NSSE 2015	5&				Your seniors o	ompared v	vith	
				Tennessee ⁻	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	gie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name ¹	Values'		Count	% 34	Count 304	% 42	Count	% 38	Count	28	Mean	Mean	size "	Mean	size ⁿ	Mean	size "
c. Discussed course topics, ideas, or	SFdiscuss	1	Never	13				25		1,230								
concepts with a faculty		2	Sometimes	15	39	252	35	27	42	1,721	40	2.0						
member outside of		3	Often	6	16	103	14	9	14	871	20	2.0	1.9	.13	1.9	.16	2.2	13
class		4	Very often	4	11	64	9	4	6	517	12							
1	675 G		Total	38	100	723	100	65	100	4,339	100							
d. Discussed your academic performance	SFperform	1	Never	7	18	198	27	16	25	965	22							
with a faculty member		2	Sometimes	16	42	311	43	28	43	1,921	44	2.2						
		3	Often	11	29	141	19	11	17	914	21	2.3	2.1	.20	2.2	.09	2.2	.09
		4	Very often	4	11	77	11	10	15	530	12							
			Total	38	100	727	100	65	100	4,330	100							
4. During the current scl	hool year, how	much ł	nas your coursework e	mphasized th	e follo	owing?												
a. Memorizing course	memorize	1	Very little	5	13	97	13	11	17	386	9							
material		2	Some	10	26	267	37	17	26	1,415	33							
		3	Quite a bit	12	32	254	35	20	31	1,703	39	2.8	2.5	.27	2.7	.10	2.7	.08
		4	Very much	11	29	110	15	17	26	844	19							
			Total	38	100	728	100	65	100	4,348	100							
b. Applying facts,	HOapply	1	Very little	1	3	14	2	1	2	110	3							
theories, or methods to		2	Some	7	18	120	17	16	25	773	18							
practical problems or new situations		3	Quite a bit	15	39	335	46	24	37	1,956	45	3.2	3.1	.01	3.1	.08	3.1	.06
new situations		4	Very much	15	39	255	35	24	37	1,489	34							
			Total	38	100	724	100	65	100	4,328	100							
c. Analyzing an idea,	HOanalyze	1	Very little	1	3	20	3	2	3	134	3							
experience, or line of		2	Some	10	26	137	19	15	23	843	19							
reasoning in depth by examining its parts		3	Quite a bit	14	37	325	45	22	34	1,881	43	3.0	3.1	08	3.1	09	3.1	07
examining its parts		4	Very much	13	34	244	34	26	40	1,471	34							
			Total	38	100	726	100	65	100	4,329	100							
d. Evaluating a point of	HOevaluate	1	Very little	3	8	17	2	3	5	127	3							
view, decision, or		2	Some	4	11	134	19	12	18	891	21							
information source		3	Quite a bit	18	47	331	46	26	40	1,865	43	3.1	3.1	03	3.1	02	3.1	.01
		4	Very much	13	34	240	33	24	37	1,443	33							
			Total	38	100	722	100	65	100	4,326	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequer	ncy D	istribution	S				St	atistical	Comparis	sons ^k		
Interdisc. Stud	lies									N665 2045					Your seniors c	ompared v	vith	
				Tennessee -	Tech	Carnegie Cl	255	THEC Peer G	roun	NSSE 2015 2016	о &	Tennessee Tech	Carnee	gie Class	THEC Pee	r Groun	NSSE 201	5 & 2016
Item wording	Variable			Tennessee	reen	carriegie ei	435		loup	2010			Currice	Effect	meeree	Effect	N35L 201	Effect
or description	name'	Values"	1 1	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
e. Forming a new idea or	HOform	1	Very little	1	3	18	2	2	3	161	4							
understanding from various pieces of		2	Some	13	34	141	19	16	25	954	22							
information		3	Quite a bit	14	37	335	46	27	42	1,858	43	2.9	3.1	26	3.0	16	3.0	18
		4	Very much	10	26	232	32	20	31	1,358	31							
			Total	38	100	726	100	65	100	4,331	100							
5. During the current sch	hool year, to v	vhat exte	ent have your instructo	ors done the f	ollow	ing?												
a. Clearly explained	ETgoals	1	Very little	1	3	16	2	4	6	81	2							
course goals and		2	Some	6	16	83	11	8	12	643	15							
requirements		3	Quite a bit	13	34	324	44	24	37	1,868	43	3.3	3.3	.00	3.2	.07	3.2	.06
		4	Very much	18	47	307	42	29	45	1,764	40							
			Total	38	100	730	100	65	100	4,356	100							
b. Taught course sessions	ETorganize	1	Very little	1	3	29	4	5	8	114	3							
in an organized way		2	Some	5	13	103	14	11	17	697	16							
		3	Quite a bit	13	34	305	42	19	30	1,897	44	3.3	3.2	.18	3.1	.21	3.2	.19
		4	Very much	19	50	284	39	29	45	1,635	38							
			Total	38	100	721	100	64	100	4,343	100							
c. Used examples or	ETexample	1	Very little	0	0	48	7	7	11	148	3							
illustrations to explain		2	Some	6	16	119	16	6	9	722	17							
difficult points		3	Quite a bit	11	29	265	37	18	28	1,651	38	3.4	3.1	.32	3.2	.21	3.2	.25
		4	Very much	21	55	294	40	33	52	1,822	42							
			Total	38	100	726	100	64	100	4,343	100							
d. Provided feedback on a	ETdraftfb	1	Very little	3	8	71	10	6	9	384	9							
draft or work in		2	Some	9	24	182	25	13	20	1,128	26							
progress		3	Quite a bit	11	29	235	32	19	30	1,424	33	3.0	2.9	.12	3.0	02	2.9	.12
		4	Very much	15	39	239	33	26	41	1,404	32							
			Total	38	100	727	100	64	100	4,340	100							
e. Provided prompt and	ETfeedback	1	Very little	5	13	50	7	5	8	302	7							
detailed feedback on		2	Some	5	13	161	22	11	17	1,050	24							
tests or completed		3	Quite a bit	9	24	274	38	26	41	1,681	39	3.1	3.0	.15	3.0	.09	2.9	.21
assignments		4	Very much	19	50	240	33	22	34	1,304	30							
			Total	38	100	725	100	64	100	4,337	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors ^a in						Frequency	y Dis	stributions	5				Sta	atistical	Comparis	sons ^k		
Interdisc. Stu	dies									NSSE 2015	&				Your seniors c	,		
the second second second	Variable			Tennessee T	ech	Carnegie Class	s T	HEC Peer Gr	oup	2016		Tennessee Tech	Carneg	ie Class Effect	THEC Pee	er Group Effect	NSSE 2015	5 & 2016 Effect
Item wording or description	name ¹	Values"	¹ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size"	Mean	size ⁿ
6. During the current	school year, abou	t how o	often have you done th	e following?														
a. Reached conclusions	QRconclude	1	Never	6	16	110	15	10	16	550	13							
based on your own		2	Sometimes	12	32	254	35	24	38	1,477	34							
analysis of numerical		3	Often	11	29	241	33	15	23	1,475	34	2.6	2.5	.09	2.5	.06	2.6	.00
information (numbers, graphs, statistics, etc.)		4	Very often	9	24	122	17	15	23	855	20							
graphs, statistics, etc.)			Total	38	100	727 1	00	64	100	4,357	100							
b. Used numerical	QRproblem	1	Never	10	27	153	21	13	20	705	16							-
information to examine		2	Sometimes	15	41	275	38	24	38	1,550	36							
a real-world problem o	r	3	Often	7	19	197	27	12	19	1,254	29	2.2	2.3	16	2.5	25	2.5 *	33
issue (unemployment, climate change, public		4	Very often	5	14	102	14	15	23	843	19						•	
health, etc.)			Total	37	100	727 1	00	64	100	4,352	100						•	
										y								
c. Evaluated what others	QRevaluate	1	Never	8	22	163	22	14	22	763	18							
have concluded from		2	Sometimes	17	46	283	39	22	34	1,601	37							
numerical information		3	Often	7	19	212	29	18	28	1,301	30	2.2	2.3	02	2.4	16	2.4	20
		4	Very often	5	14	69	9	11	17	678	16							
			Total	37	100	727 1	00	65	100	4,343	100							
7. During the current	school vear, abou	t how 1	nany papers, reports,	or other writi	ng ta	sks of the follo	wing	length have	vou	been assign	ed? (I	nclude those not v	et comple	ted.)				
a. Up to 5 pages	wrshortnum	0	None	4	11	19	3	4	6	133	3							
	(Recoded version	1.5	1-2	12	33	95	13	10	16	615	15							
	of wrshort created	4	3-5	8	22	183	26	15	24	1,177	28							
	by NSSE. Values	8	6-10	3	8	170	24	8	13	983	23	6.7	9.4 *	37	9.3	34	8.7	29
	are estimated	13	11-15	3	8	90	13	14	22	536	13		•					
	number of papers,	18	16-20	2	6	38	5	2	3	305	7		•					
	reports, etc.)	23	More than 20	4	11	112	16	10	16	465	11							
			Total	36	100	707 1	00	63	100	4,214	100							
b. Between 6 and 10	wrmednum	0	None	9	25	122	17	11	17	695	17							
pages	(Recoded version	1.5	1-2	16	44	233	33	24	38	1,469	35							
	of wrmed created	4	3-5	6	17	182	26	17	27	1,219	29							
	by NSSE. Values	8	6-10	2	6	97	14	12	19	529	13	3.3	4.3	21	3.1	.04	3.8	13
	are estimated	13	11-15	1	3	29	4	0	0	166	4							
	number of papers,	18	16-20	1	3	23	3	0	0	77	2							
	reports, etc.)	23	More than 20	1	3	17	2	0	0	52	1							
			Total	36	100	703 1	00	64	100	4,207	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors ^a in						Frequen	cy Di	stribution	s				St	atistical	Comparis	sons ^k		
Interdisc. Stu	ıdies									NSSE 2015	5&				Your seniors c			
				Tennessee 1	ſech	Carnegie Cla	iss T	HEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee		NSSE 201	
Item wording or description	Variable name ¹	Values'	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
c. 11 pages or more	wrlongnum	0	None	17	49	322	47	25	42	1,768	43							
	(Recoded version	1.5	1-2	12	34	233	34	26	43	1,611	39							
	of wrlong created	4	3-5	4	11	66	10	7	12	453	11							
	by NSSE. Values	8	6-10	2	6	27	4	2	3	152	4	1.4	2.0	14	1.4	.02	1.8	12
	are estimated number of papers,	13	11-15	0	0	14	2	0	0	58	1							
	reports, etc.)	18	16-20	0	0	10	1	0	0	34	1							
	• • •	23	More than 20	0	0	6	1	0	0	28	1							
			Total	35	100	678	100	60	100	4,104	100							
Estimated number of assigned pages of	wrpages											66.7	88.5	23	73.6	10	81.3	18
student writing.	(Continuous variab from wrshort, wrm estimated pages of	ed, and																
8. During the current	school year, abou	t how o	often have you had dis	cussions with	peop	le from the fo	llowiı	ng groups?										
a. People of a race or	DDrace	1	Never	3	8	37	5	2	3	203	5							
ethnicity other than			C	10	32		21											
		2	Sometimes	12	52	154	21	16	25	1,050	24							
your own		2 3	Often	12	21	154 222	21 30	16 17	25 26	1,050 1,238	24 28	2.9	3.1	22	3.2	24	3.1	19
your own		-										2.9	3.1	22	3.2	24	3.1	19
your own		3	Often	8	21	222	30	17	26	1,238	28	2.9	3.1	22	3.2	24	3.1	19
your own b. People from an	DDeconomic	3	Often Very often	8 15	21 39	222 319	30 44	17 30	26 46	1,238 1,868	28 43	2.9	3.1	22	3.2	24	3.1	19
b. People from an economic background		3	Often Very often Total	8 15 38	21 39 100	222 319 732	30 44 100	17 30 65	26 46 100	1,238 1,868 4,359	28 43 100	2.9	3.1	22	3.2	24	3.1	19
b. People from an		3 4 1	Often Very often Total Never	8 15 38 1	21 39 100 3	222 319 732 37	30 44 100 5	17 30 65 3	26 46 100 5	1,238 1,868 4,359 167	28 43 100 4	2.9	3.1	22	3.2	24	3.1	19
b. People from an economic background		3 4 1 2	Often Very often Total Never Sometimes	8 15 38 1 11	21 39 100 3 29	222 319 732 37 141	30 44 100 5 19	17 30 65 3 14	26 46 100 5 22	1,238 1,868 4,359 167 939	28 43 100 4 22							
b. People from an economic background		3 4 1 2 3	Often Very often Total Never Sometimes Often	8 15 38 1 11 12	21 39 100 3 29 32	222 319 732 37 141 261	30 44 100 5 19 36	17 30 65 3 14 18	26 46 100 5 22 28	1,238 1,868 4,359 167 939 1,478	28 43 100 4 22 34							
b. People from an economic background		3 4 1 2 3	Often Very often Total Never Sometimes Often Very often	8 15 38 1 11 12 14	21 39 100 3 29 32 37	222 319 732 37 141 261 289	30 44 100 5 19 36 40	17 30 65 3 14 18 29	26 46 100 5 22 28 45	1,238 1,868 4,359 167 939 1,478 1,760	28 43 100 4 22 34 41							
 b. People from an economic background other than your own c. People with religious beliefs other than your 	DDreligion	3 4 1 2 3	Often Very often Total Never Sometimes Often Very often Total	8 15 38 1 11 12 14 38	21 39 100 3 29 32 37 100	222 319 732 37 141 261 289 728	30 44 100 5 19 36 40 100	17 30 65 3 14 18 29 64	26 46 100 5 22 28 45 100	1,238 1,868 4,359 167 939 1,478 1,760 4,344	28 43 100 4 22 34 41 100							
 b. People from an economic background other than your own c. People with religious 	DDreligion	3 4 1 2 3 4 1	Often Very often Total Never Sometimes Often Very often Total Never	8 15 38 1 11 12 14 38 2	21 39 100 3 29 32 37 100 5	222 319 732 37 141 261 289 728 54	30 44 100 5 19 36 40 100 7	17 30 65 3 14 18 29 64 4	26 46 100 5 22 28 45 100 6	1,238 1,868 4,359 167 939 1,478 1,760 4,344 252	28 43 100 4 22 34 41 100 6							
 b. People from an economic background other than your own c. People with religious beliefs other than your 	DDreligion	3 4 1 2 3 4 1 2	Often Very often Total Never Sometimes Often Very often Total Never Sometimes	8 15 38 1 11 12 14 38 2 10	21 39 100 3 29 32 37 100 5 26	222 319 732 37 141 261 289 728 54 198	30 44 100 5 19 36 40 100 7 27	17 30 65 3 14 18 29 64 4 14	26 46 100 5 22 28 45 100 6 22	1,238 1,868 4,359 167 939 1,478 1,760 4,344 252 1,140	28 43 100 4 22 34 41 100 6 26	3.0	3.1	09	3.1	13	3.1	10
 b. People from an economic background other than your own c. People with religious beliefs other than your own 	DDreligion	3 4 1 2 3 4 1 2 3 3	Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often	8 15 38 1 11 12 14 38 2 10 11	21 39 100 3 29 32 37 100 5 26 29	222 319 732 37 141 261 289 728 54 198 217	30 44 100 5 19 36 40 100 7 27 30	17 30 65 3 14 18 29 64 4 14 23	26 46 100 5 22 28 45 100 6 22 35	1,238 1,868 4,359 167 939 1,478 1,760 4,344 252 1,140 1,299	28 43 100 4 22 34 41 100 6 26 30	3.0	3.1	09	3.1	13	3.1	10
 b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political 	DDreligion	3 4 1 2 3 4 1 2 3 3	Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Very often	8 15 38 1 11 12 14 38 2 10 11 15	21 39 100 3 29 32 37 100 5 26 29 39	222 319 732 37 141 261 289 728 54 198 217 258	30 44 100 5 19 36 40 100 7 27 30 35	17 30 65 3 14 18 29 64 4 14 23 24	26 46 100 5 22 28 45 100 6 22 35 37	1,238 1,868 4,359 167 939 1,478 1,760 4,344 252 1,140 1,299 1,647	28 43 100 4 22 34 41 100 6 26 30 38	3.0	3.1	09	3.1	13	3.1	10
 b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your 	DDreligion	3 4 1 2 3 4 1 2 3 3	Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Very often Total	8 15 38 1 11 12 14 38 2 10 11 15 38	21 39 100 3 29 32 37 100 5 26 29 39 100	222 319 732 37 141 261 289 728 54 198 217 258 727	30 44 100 5 19 36 40 100 7 27 30 35 100	17 30 65 3 14 18 29 64 4 14 23 24 65	26 46 100 5 22 28 45 100 6 22 35 37 100	1,238 1,868 4,359 167 939 1,478 1,760 4,344 252 1,140 1,299 1,647 4,338	28 43 100 4 22 34 41 100 6 26 30 38 100	3.0	3.1	09	3.1	13	3.1	10
 b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political 	DDreligion	3 4 1 2 3 4 1 2 3 4 1 2 3 4	Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Very often Total Never	8 15 38 1 1 11 12 14 38 2 10 11 15 38 1	21 39 100 3 29 32 37 100 5 26 29 39 100 3	222 319 732 37 141 261 289 728 54 198 217 258 727 44	30 44 100 5 19 36 40 100 7 27 30 35 100 6	17 30 65 3 14 18 29 64 4 14 23 24 65 4	26 46 100 5 22 28 45 100 6 22 35 37 100 6	1,238 1,868 4,359 167 939 1,478 1,760 4,344 252 1,140 1,299 1,647 4,338 213	28 43 100 4 22 34 41 100 6 26 30 38 100 5	3.0	3.1	09	3.1	13	3.1	10
 b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your 	DDreligion	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2	Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes	8 15 38 1 1 11 12 14 38 2 10 11 15 38 1 10	21 39 100 3 29 32 37 100 5 5 26 29 39 100 3 3 26	222 319 732 37 141 261 289 728 54 198 217 258 727 44 186	30 44 100 5 19 36 40 100 7 7 27 30 35 100 6 26	17 30 65 3 14 18 29 64 4 14 23 24 65 4 14	26 46 100 5 22 28 45 100 6 22 35 37 100 6 22	1,238 1,868 4,359 167 939 1,478 1,760 4,344 252 1,140 1,299 1,647 4,338 213 1,106	28 43 100 4 22 34 41 100 6 26 30 38 100 5 26	3.0	3.1	09	3.1	13	3.1	10



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequen	cy D	istribution	S				St	atistical	Compari	sons ^k		
Interdisc. Stud	dies									NSSE 2015	5&				Your seniors o	compared v	vith	
				Tennessee 7	Tech	Carnegie Cla	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	gie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording or description	Variable name ¹	Values'	¹ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
9. During the current sc	chool year, abo	ut how o	often have you done th	e following?														
a. Identified key	LSreading	1	Never	1	3	7	1	1	2	53	1							
information from		2	Sometimes	6	16	94	13	7	11	597	14							
reading assignments		3	Often	12	32	293	40	27	42	1,650	38	3.3	3.3	03	3.3	04	3.3	03
		4	Very often	19	50	338	46	30	46	2,050	47							
			Total	38	100	732	100	65	100	4,350	100							
b. Reviewed your notes	LSnotes	1	Never	3	8	48	7	3	5	312	7							
after class		2	Sometimes	10	26	169	23	9	14	1,249	29							
		3	Often	9	24	241	33	22	34	1,328	31	3.0	3.0	01	3.2	27	2.9	.10
		4	Very often	16	42	272	37	31	48	1,455	33							
			Total	38	100	730	100	65	100	4,344	100							
c. Summarized what you	LSsummary	1	Never	3	8	34	5	5	8	242	6							
learned in class or from		2	Sometimes	9	24	164	23	13	21	1,187	28							
course materials		3	Often	12	32	261	36	19	30	1,463	34	3.0	3.0	08	3.0	08	2.9	.04
		4	Very often	14	37	265	37	26	41	1,417	33							
			Total	38	100	724	100	63	100	4,309	100							
10. During the current s	school year, to	what ex	tent have your courses	challenged y	ou to (do your best	worl	</td <td></td>										
	challenge	1	Not at all	1	3	2	0	0	0	26	1							
		2		1	3	9	1	3	5	54	1							
		3		1	3	18	2	3	5	111	3							
		4		3	8	45	6	4	6	326	7	5.8	5.9	10	5.7	.05	5.7	.06
		5		6	16	160	22	12	19	1,212	28							
		6		10	26	218	30	19	30	1,305	30							
		7	Very much	16	42	278	38	23	36	1,316	30							
			Total	38	100	730	100	64	100	4,350	100							
11. Which of the followi	ing have you d	one or d	o you plan to do befor	e you gradua	te?°													
a. Participate in an	intern		Have not decided	4	11	73	10	6	9	309	7							
internship, co-op, field	(Means indicate		Do not plan to do	13	34	184	25	22	34	778	18							
experience, student teaching, or clinical	the percentage		Plan to do	5	13	140	19	12	18	867	20	42%	46%	07	38%	.07	55%	26
placement	who responded		Done or in progress	16	42	335	46	25	38	2,400	55							
1	"Done or in progress.")		Total	38	100	732	100	65	100	4,354	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors ^a in						Frequence	:y Di	stribution	5				Sta		Compari			
Interdisc. Stud	dies			Tennessee	ech	Carnegie Cla	ss -	THEC Peer Gr	oun	NSSE 2015 2016	8	Tennessee Tech	Carnegi		Your seniors of THEC Pee		vith NSSE 201	5 & 201
Item wording	Variable		_						-					Effect		Effect		Effect
or description b. Hold a formal	name ¹ leader	Values"	" Response options Have not decided	Count 3	% 8	Count 86	% 12	Count 4	% 6	Count 471	<u>%</u> 11	Mean	Mean	size "	Mean	size "	Mean	size '
leadership role in a			Do not plan to do	21	55	422	58	42	66	2,207	51							
student organization or	(Means indicate the percentage		Plan to do	4	11	52	7	4	6	2,207	7	26%	23%	.07	22%	.10	32%	12
group	who responded		Done or in progress	10	26	169	23	14	22	1,378	32	2070	2370	.07	2270	.10	3270	12
	"Done or in progress.")		Total	38	100		100	64	100	4,351	100							
c. Participate in a learning	learncom		Have not decided	1	3	120	16	11	17	594	14							
community or some	(Means indicate		Do not plan to do	21	55	403	55	37	57	2,363	54							
other formal program	the percentage		Plan to do	2	5	54	7	4	6	359	8	37%	21% *	.36	20%	.38	24%	.29
where groups of students take two or	who responded		Done or in progress	14	37	152	21	13	20	1,026	24	0.70	2170		2070	.25	2.75	.27
more classes together	"Done or in progress.")		Total	38	100		100	65	100	4,342	100							
d. Participate in a study	abroad		Have not decided	6	16	105	14	11	17	518	12							
abroad program	(Means indicate		Do not plan to do	26	68	537	74	49	77	2,951	68							
	the percentage		Plan to do	3	8	41	6	1	2	286	7	8%	6%	.06	5%	.13	14%	19
	who responded		Done or in progress	3	8	47	6	3	5	591	14							
	"Done or in progress.")		Total	38	100	730	100	64	100	4,346	100							
e. Work with a faculty	research		Have not decided	3	8	129	18	13	21	665	15							
member on a research	(Means indicate		Do not plan to do	19	51	425	59	32	51	1,952	45							
project	the percentage		Plan to do	5	14	63	9	3	5	495	11	27%	15% *	.30	24%	.07	28%	02
	who responded		Done or in progress	10	27	108	15	15	24	1,215	28							
	"Done or in progress.")		Total	37	100	725	100	63	100	4,327	100							
f. Complete a culminating	capstone		Have not decided	0	0	99	14	7	11	383	9							
senior experience	(Means indicate		Do not plan to do	4	11	209	29	10	16	894	21							
(capstone course,	the percentage		Plan to do	12	32	201	28	19	30	1,011	23	58%	30% ***	.57	44%	.28	47%	.21
senior project or thesis, comprehensive exam,	who responded		Done or in progress	22	58	218	30	28	44	2,059	47							
portfolio, etc.)	"Done or in progress.")		Total	38	100	727	100	64	100	4,347	100							
12. About how many of	vour courses af	this in	stitution have included	l a communit	v-bas	ed project (ser	vice	learning)?										
	servcourse	1	None	14	37	231	32	25	39	1,358	31							
		2	Some	21	55	361	50	31	48	2,369	55							
		3	Most	3	8	119	16	6	9	540	12	1.7	1.9	25	1.8	08	1.8	20
		4	All	0	0	18	2	2	3	79	2							
			Total	38	100	729	100	64	100	4,346	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Freque	ncy D	istributior	IS				St	tatistica	Comparis	sons ^k		
Interdisc. Stu	dies									NSSE 2015	5&				Your seniors c	ompared v	vith	
				Tennessee T	Tech	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	gie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording or description	Variable name ¹	Values	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
13. Indicate the quality																		
a. Students	QIstudent		Poor	1	3	5	1	1	2	49	1							
		2		1	3	11	2	2	3	65	1							
		3		3	8	34	5	8	12	175	4							
		4		0	0	53	7	4	6	414	10							
		5		7	18	159	22	14	22	962	22	5.8	5.7	.08	5.4	.29	5.7	.13
		6		5	13	187	26	13	20	1,226	28							
		7	Excellent	19	50	250	34	20	31	1,382	32							
			Not applicable	2	5	31	4	3	5	84	2							
			Total	38	100	730	100	65	100	4,357	100							
b. Academic advisors	QIadvisor	1	Poor	2	5	16	2	4	6	164	4							
		2		2	5	32	4	6	9	204	5							
		3		2	5	38	5	0	0	241	6							
		4		6	16	94	13	3	5	464	11							
		5		2	5	112	15	9	14	697	16	5.6	5.5	.03	5.5	.03	5.4	.07
		6		3	8	158	22	15	23	961	22							
		7	Excellent	21	55	269	37	27	42	1,570	36							
		_	Not applicable	0	0	9	1	1	2	49	1							
			Total	38	100	728	100	65	100	4,350	100							
c. Faculty	QIfaculty	1	Poor	1	3	5	1	3	5	48	1							
		2		2	5	20	3	4	6	81	2							
		3		2	5	27	4	5	8	169	4							
		4		2	5	62	9	4	6	358	8							
		5		6	16	142	19	11	17	893	21	5.6	5.7	07	5.3	.21	5.7	05
		6		10	26	202	28	17	27	1,371	32							
		7	Excellent	15	39	260	36	19	30	1,383	32							
			Not applicable	0	0	11	2	1	2	33	1							
			Total	38	100	729	100	64	100	4,336	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors ^a in						Frequency	/ Dist	ributions					St	atistical	Comparis	sons ^k		
Interdisc. Stuc	lies			_						NSSE 2015	&	Tennessee Tech			Your seniors o			
Item wording	Variable			Tennessee 1	ecn	Carnegie Class	5 IH	EC Peer Gro	bup	2016		Tennessee Tech	Carneg	gie Class Effect	THEC Pee	Effect	NSSE 201	Effect
or description	name ¹	Values [*]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size ⁿ	Mean	size ⁿ
d. Student services staff	QIstaff	1	Poor	2	5	26	4	3	5	172	4							
(career services,		2		2	5	22	3	4	6	198	5							
student activities, housing, etc.)		3		2	5	38	5	5	8	277	6							
nousing, etc.)		4		8	21	73	10	5	8	510	12							
		5		5	13	97	13	12	18	677	16	4.7	5.1	23	4.7	.01	5.0	17
		6		3	8	90	12	3	5	737	17							
		7	Excellent	7	18	137	19	11	17	779	18							
		_	Not applicable	9	24	246	34	22	34	992	23							
			Total	38	100	729 1	00	65	100	4,342	100							
e. Other administrative	QIadmin	1	Poor	2	5	29	4	7	11	204	5							
staff and offices		2		3	8	36	5	7	11	243	6							
(registrar, financial aid,		3		3	8	59	8	4	6	344	8							
etc.)		4		9	24	81	11	6	9	567	13							
		5		3	8	124	17	14	22	830	19	4.8	5.2	24	4.5	.14	5.1	14
		6		7	18	155	21	12	19	964	22							
		7	Excellent	9	24	214	29	11	17	1,025	24							
		_	Not applicable	2	5	34	5	3	5	178	4							
			Total	38	100	732 1	00	64	100	4,355	100							
14. How much does you	r institution en	nphasize	the following?															
a. Spending significant	empstudy	1	Very little	0	0	17	2	2	3	84	2							
amounts of time		2	Some	5	13	110	15	8	12	701	16							
studying and on		3	Quite a bit	15	39	343	47	27	42	2,068	48	3.3	3.2	.24	3.2	.13	3.1	.26
academic work		4	Very much	18	47	260	36	28	43	1,494	34							
			Total	38	100	730 1	00	65	100	4,347	100							
b. Providing support to	SEacademic	1	Very little	3	8	27	4	6	9	213	5							
help students succeed		2	Some	5	13	142	20	17	26	973	23							
academically		3	Quite a bit	16	42	294	41	28	43	1,804	42	3.1	3.1	01	2.8	.34	3.0	.11
		4	Very much	14	37	262	36	14	22	1,322	31							
			Total	38	100	725 1	00	65	100	4,312	100							
c. Using learning support	SElearnsup	1	Very little	5	13	54	7	4	6	345	8							
services (tutoring		2	Some	7	18	120	17	16	25	955	22							
services, writing		3	Quite a bit	11	29	274	38	30	46	1,595	37	2.9	3.1	13	2.9	.09	3.0	.00
center, etc.)		4	Very much	15	39	279	38	15	23	1,429	33							
			Total	38	100	727 1	00	65	100	4,324	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequen	cy D	istribution	s				Sta	atistical	Comparis	ons ^k		
Interdisc. Stud	ies										•			Y	Your seniors co	ompared w	vith	
				Tennessee 1	Tech	Carnegie Cla		THEC Door G	oun	NSSE 2015 2016	ά.	Tennessee Tech	Carnegi	io Class	THEC Peer	Group	NSSE 201	5 & 2016
Item wording	Variable			Termessee	lech	Carriegie Cia	133		oup	2010			Carriegi	Effect	meereer	Effect	N35L 201	Effect
or description	name'	Values'	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size ⁿ
d. Encouraging contact	SEdiverse	1	Very little	4	11	94	13	11	17	668	15							
among students from different backgrounds		2	Some	8	21	190	26	19	29	1,348	31							
(social, racial/ethnic,		3	Quite a bit	13	34	236	33	25	38	1,287	30	2.9	2.8	.16	2.5 *	.41	2.6	.30
religious, etc.)		4	Very much	13	34	204	28	10	15	1,024	24							
			Total	38	100	724	100	65	100	4,327	100							
e. Providing opportunities	SEsocial	1	Very little	4	11	82	11	4	6	366	8							
to be involved socially		2	Some	6	16	181	25	17	26	1,134	26							
		3	Quite a bit	12	32	253	35	30	46	1,598	37	3.1	2.8	.25	2.8	.24	2.9	.22
		4	Very much	16	42	207	29	14	22	1,226	28							
			Total	38	100	723	100	65	100	4,324	100							
f. Providing support for	SEwellness	1	Very little	3	8	97	13	8	12	524	12							
your overall well-being		2	Some	8	21	202	28	16	25	1,181	27							
(recreation, health care, counseling, etc.)		3	Quite a bit	16	42	228	31	23	35	1,462	34	2.9	2.7	.19	2.8	.14	2.7	.18
counsening, etc.)		4	Very much	11	29	198	27	18	28	1,147	27							
			Total	38	100	725	100	65	100	4,314	100							
g. Helping you manage	SEnonacad	1	Very little	13	35	216	30	21	32	1,494	35							
your non-academic		2	Some	10	27	257	35	20	31	1,492	34							
responsibilities (work,		3	Quite a bit	10	27	151	21	18	28	848	20	2.1	2.2	06	2.1	.00	2.1	.06
family, etc.)		4	Very much	4	11	103	14	6	9	493	11							
			Total	37	100	727	100	65	100	4,327	100							
h. Attending campus	SEactivities	1	Very little	4	11	162	23	13	20	719	17							
activities and events		2	Some	13	34	188	26	15	23	1,199	28							
(performing arts,		3	Quite a bit	17	45	217	30	22	34	1,411	33	2.6	2.5	.05	2.6	05	2.6	06
athletic events, etc.)		4	Very much	4	11	152	21	15	23	981	23							
			Total	38	100		100	65	100	4,310	100							
i. Attending events that	SEevents	1	Very little	10	26	169	24	11	17	869	20							
address important		2	Some	10	26	253	35	20	31	1,477	34							
social, economic, or		3	Quite a bit	14	37	186	26	24	37	1,239	29	2.3	2.3	01	2.5	20	2.4	11
political issues		4	Very much	4	11	110	15	10	15	729	17	210	2.5	.01	2.0	.20	2.4	
		4	Total	38	100		100	65	100	4,314	100							
			1 out	50	100	,10	100	00	100	-1,517	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequer	ncy [Distributior	IS				Sta	atistica	l Comparis	ons ^k		
Interdisc. Stu	dies									NSSE 2015	5 &				Your seniors co	ompared v	vith	
				Tennessee 1	Геch	Carnegie Cl	lass	THEC Peer G	roup	2016		Tennessee Tech	Carnegi	e Class	THEC Pee	r Group	NSSE 2015	& 2016
Item wording	Variable					Ū							0	Effect		Effect		Effect
or description	name'		Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
15. About how many h																		
a. Preparing for class	tmprephrs	0	0 hrs	0	0	0	0		0	14	0							
(studying, reading, writing, doing	(Recoded version	3	1-5 hrs	11	29	84	11		11	596	14							
homework or lab work,	of tmprep created	8	6-10 hrs	13	34	172	23		17	1,025	24							
analyzing data,	by NSSE. Values		11-15 hrs	5	13	167	23		31	956	22	10.0						
rehearsing, and other	are estimated number of hours	18	16-20 hrs	4	11	162	22		25	775	18	10.9	14.8 **	47	14.7 *	49	14.5 **	43
academic activities)	per week.)	23	21-25 hrs	2	5	53	7		8	428	10		▼		▼		•	
	<i>P</i> ··· ··· ··· ·· · · · · · · · · · · ·	28	26-30 hrs	1	3	42	6		5	273	6							
		33	More than 30 hrs	2	5	53	7	3	5	279	6							
			Total	38	100	733	100	65	100	4,346	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	24	63	457	63		69	2,241	52							
curricular activities	(Recoded version	3	1-5 hrs	6	16	161	22	9	14	1,115	26							
(organizations, campus publications, student	of tmcocurr	8	6-10 hrs	7	18	47	6	3	5	436	10							
government, fraternity	created by NSSE.	13	11-15 hrs	0	0	26	4	4	6	244	6							
or sorority,	Values are	18	16-20 hrs	1	3	21	3	2	3	138	3	2.4	2.9	08	2.9	09	3.9	23
intercollegiate or	estimated number of hours per	23	21-25 hrs	0	0	7	1	1	2	75	2							
intramural sports, etc.)	week.)	28	26-30 hrs	0	0	2	0	1	2	37	1							
	<i>irectury</i>	33	More than 30 hrs	0	0	9	1	0	0	43	1							
			Total	38	100	730	100	65	100	4,329	100							
c. Working for pay	tmworkonhrs	0	0 hrs	28	74	615	84	57	88	3,093	71							
on campus	(Recoded version	3	1-5 hrs	2	5	12	2	0	0	184	4							
	of tmworkon	8	6-10 hrs	3	8	20	3	2	3	333	8							
	created by NSSE.	13	11-15 hrs	1	3	26	4	0	0	261	6							
	Values are	18	16-20 hrs	0	0	32	4	3	5	242	6	4.6	2.5	.29	2.5	.24	3.9	.09
	estimated number	23	21-25 hrs	0	0	10	1	0	0	86	2							
	of hours per	28	26-30 hrs	0	0	1	0	1	2	33	1							
	week.)	33	More than 30 hrs	4	11	15	2	2	3	94	2							
			Total	38	100	731	100	65	100	4,326	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequer	ncy D	istribution	s				St	atistical	Compari	sons ^k		
Interdisc. Stu	dies									NSSE 2015	&				Your seniors o	ompared w	vith	
				Tennessee T	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	er Group	NSSE 2015	& 2016
Item wording or description	Variable name ^I	Values"	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
d. Working for pay	tmworkoffhrs	0	0 hrs	11	30	249	34	23	35	1,811	42			_				
off campus	(Recoded version	3	1-5 hrs	2	5	21	3	2	3	210	5							
	of tmworkoff	8	6-10 hrs	1	3	23	3	0	0	222	5							
	created by NSSE.	13	11-15 hrs	2	5	32	4	0	0	254	6							
	Values are	18	16-20 hrs	1	3	44	6	3	5	324	8	18.9	17.4	.10	18.8	.01	13.3 *	.40
	estimated number	23	21-25 hrs	1	3	39	5	3	5	252	6							
	of hours per	28	26-30 hrs	2	5	37	5	6	9	200	5							
	week.)	33	More than 30 hrs	17	46	277	38	28	43	1,041	24							
			Total	37	100	722	100	65	100	4,314	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous variable created by NSSE)											23.6	19.8	.26	21.3	.16	17.1 **	.47
e. Doing community	tmservicehrs	0	0 hrs	12	32	279	39	27	42	1,876	44							
service or volunteer	(Recoded version	3	1-5 hrs	20	53	264	36	24	38	1,558	36							
work	of tmservice	8	6-10 hrs	4	11	83	11	4	6	406	9							
	created by NSSE.	13	11-15 hrs	0	0	37	5	3	5	203	5							
	Values are	18	16-20 hrs	1	3	28	4	1	2	140	3	3.8	4.6	13	4.8	14	3.9	01
	estimated number	23	21-25 hrs	0	0	15	2	2	3	58	1							
	of hours per	28	26-30 hrs	0	0	4	1	0	0	23	1							
	week.)	33	More than 30 hrs	1	3	14	2	3	5	47	1							
			Total	38	100	724	100	64	100	4,311	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	2	5	28	4	3	5	149	3							
socializing (time with	(Recoded version	3	1-5 hrs	16	43	296	41	25	39	1,378	32							
friends, video games,	of tmrelax created	8	6-10 hrs	14	38	185	25	14	22	1,197	28							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	4	11	104	14	12	19	729	17							
up with friends online,	are estimated	18	16-20 hrs	0	0	59	8	5	8	458	11	6.6	8.6 *	28	9.0	34	9.9 **	43
etc.)	number of hours	23	21-25 hrs	0	0	25	3	2	3	180	4		∇					
	per week.)	28	26-30 hrs	0	0	11	2	0	0	80	2		*				*	
		33	More than 30 hrs	1	3	18	2	3	5	156	4							
			Total	37	100	726	100	64	100	4,327	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequen	cy Di	istribution	s				Sta	atistical	Comparis	ons ^k		
Interdisc. Stu	dies									NCCE 2015	0				Your seniors co	mpared v	vith	
				Tennessee 1	Tech	Carnegie Cla		THEC Peer G	roun	NSSE 2015 2016	č.	Tennessee Tech	Carnegi	e Class	THEC Peer	Groun	NSSE 201	5 & 2016
Item wording	Variable			Termessee		carriegie ela	55		loup	2010			curregi	Effect	meereer	Effect	N35L 201.	Effect
or description	name ¹	Values [*]	" Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
g. Providing care for	tmcarehrs	0	0 hrs	15	41	283	39	29	45	2,319	54							
dependents (children,	(Recoded version	3	1-5 hrs	4	11	88	12	3	5	444	10							
parents, etc.)	of tmcare created	8	6-10 hrs	6	16	51	7	8	13	264	6							
	by NSSE. Values	13	11-15 hrs	4	11	41	6	1	2	172	4							
	are estimated	18	16-20 hrs	1	3	32	4	3	5	128	3	9.2	12.7	25	12.4	24	9.1	.01
	number of hours per week.)	23	21-25 hrs	2	5	12	2	0	0	86	2							
	per week.)	28	26-30 hrs	0	0	24	3	1	2	81	2							
		33	More than 30 hrs	5	14	198	27	19	30	822	19							
			Total	37	100	729	100	64	100	4,316	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	6	16	300	41	29	45	1,123	26							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	24	63	286	39	23	36	2,169	50							
	of tmcommute	8	6-10 hrs	6	16	86	12	8	13	659	15							
	created by NSSE.	13	11-15 hrs	1	3	25	3	2	3	193	4							
	Values are	18	16-20 hrs	1	3	12	2	1	2	76	2	4.0	3.6	.06	3.3	.15	4.4	08
	estimated number of hours per	23	21-25 hrs	0	0	4	1	0	0	34	1							
	week.)	28	26-30 hrs	0	0	2	0	0	0	21	0							
	,	33	More than 30 hrs	0	0	12	2	1	2	63	1							
		55	Total	38	100		100	64	100	4,338	100							
16. Of the time you spe	end preparing for	class i	n a typical 7-day week	, about how 1	nuch	is on assigned	l read	ling?										
• •	reading	1	Very little	9	24	48	7	4	6	340	8							
	(Revised for 2014.	2	Some	7	18	151	21	16	25	995	23							
	Comparison data	3	About half	10	26	226	31	9	14	1,380	32	2.7	3.2 **	47	3.4 **	59	3.1 *	37
	are limited to	4	Most	10	29	213	29	19	30	1,151	26		▼	+/	5.4	57	▼	57
	NSSE 2014	5	Almost all	1	3	92	13	16	25	482	11		•		•		•	
	participating	5		1														
	institutions.)		Total	38	100	730	100	64	100	4,348	100							
	tmreadinghrs																	
(Continuous vari	able created by NSSI	E. Calcul	lated as a proportion									4.8	0.4		0.0.***		a	* 10
(ed on reading, when		1 1									4.8	8.4 ***	54	8.9 ***	64	7.9 **	*48
	t half=.50; Most=.75												V		V		▼	



Frequencies and Statistical Comparisons: Interdisc. Studies

Tennessee Technological University

Seniors ^a in						Frequer	ncy D	istribution	S				St	atistical	Compari	sons ^k		
Interdisc. Stu	udies									NSSE 2015	5 &				Your seniors o	compared v	with	
				Tennessee 1	Геch	Carnegie Cl	ass	THEC Peer G	roup	2016	, a	Tennessee Tech	Carneg	ie Class	THEC Pee	er Group	NSSE 201	.5 & 2016
Item wording	Variable name ¹	Values'	ⁿ Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
or description	tmreadinghrscol	1	0 hrs	0			70	0	0	13		Medii	weun	5120	weun	5120	weun	5120
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	24	63		39	24	38	1,787	41							
	created by NSSE.)	3	More than 5, up to 10 hrs	10	26	230	32	19	30	1,364	32							
		4	More than 10, up to 15 hrs	3	8	101	14	10	16	551	13							
		5	More than 15, up to 20 hrs	0	0	51	7	5	8	301	7							
		6	More than 20, up to 25 hrs	1	3		5	3	5	224	5							
		7	More than 25 hrs	0	0	20	3	3	5	88	2							
			Total	38	100	729	100	64	100	4,328	100							
17. How much has yo	ur experience at th	nis inst		your knowled	lge, sl			developmen				?						
a. Writing clearly and	pgwrite	1	Very little	1	3		3	1	2	189	4							
effectively		2	Some	8	21	109	15	10	15	749	17							
		3	Quite a bit	13	34		39	22	34	1,684	39	3.2	3.2	09	3.3	18	3.1	.02
		4	Very much	16	42		43	32	49	1,733	40							
			Total	38	100		100	65	100	4,355	100							
 b. Speaking clearly and effectively 	pgspeak	1	Very little	2	5		7	4	6	344	8							
encentery		2	Some	8	21	157	22	18	28	970	22	2.1	• •		• •		• •	
		3 4	Quite a bit	13	34 39		37 34	18 25	28 38	1,536	35 34	3.1	3.0	.10	3.0	.10	3.0	.12
		4	Very much Total	15 38	39 100		54 100	25 65	38 100	1,496 4,346	54 100							
c. Thinking critically and	l pgthink	1	Very little	2	5		2	1	2	4,346	2							
analytically	pgullik	2	Some	5	13		12	10	15	551	13							
		3	Ouite a bit	15	39		39	22	34	1,606	37	3.2	3.3	18	3.3	15	3.3	15
		4	Very much	16	42		47	32	49	2,075	48	J.2	5.5	10	5.5	15	5.5	15
			Total	38	100		100	65	100	4,335	100							
d. Analyzing numerical	pganalyze	1	Very little	4	11	97	13	10	16	509	12							
and statistical		2	Some	11	29	225	31	16	25	1,189	27							
information		3	Quite a bit	12	32	210	29	15	23	1,419	33	2.8	2.7	.10	2.8	01	2.8	.02
		4	Very much	11	29	195	27	23	36	1,222	28							
			Total	38	100	727	100	64	100	4,339	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Frequen	cy D	istribution	s				St	atistical	Comparis	sons ^k		
Interdisc. Stud	lies										0				Your seniors c	ompared v	vith	
						Carnegie Cla		THEC Peer G	oun	NSSE 2015 2016	č.	Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable			Tennessee		curregie eiu			oup	2010			curricb	Effect	11120100	Effect	11352 201	Effect
or description	name'	Values'	1 1	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
 Acquiring job- or work- related knowledge and 	pgwork	1	Very little	4	11	66	9	12	18	413	9							
skills		2	Some	6	16	141	19	13	20	988	23	2.4						
		3	Quite a bit	10	26	266	36	22	34	1,447	33	3.1	3.0	.13	2.7	.38	2.9	.18
		4	Very much	18	47	258	35	18	28	1,500	34							
			Total	38	100	731	100	65	100	4,348	100							
f. Working effectively with others	pgothers	1	5	2	5	36	5	3	5	233	5							
with others		2	Some	7	18	149	20	20	31	914	21							
		3	Quite a bit	8	21	267	37	20	31	1,620	37	3.3	3.1	.21	2.9	.35	3.0	.25
		4	Very much	21	55	275	38	22	34	1,561	36							
			Total	38	100	727	100	65	100	4,328	100							
g. Developing or	pgvalues	1	Very little	3	8	70	10	8	12	518	12							
clarifying a personal code of values and		2	Some	10	26	137	19	14	22	1,014	23	• •						
ethics		3	Quite a bit	12	32	238	33	15	23	1,377	32	2.9	3.0	09	3.0	05	2.9	.06
		4	Very much	13	34	287	39	28	43	1,441	33							
			Total	38	100	732	100	65	100	4,350	100							
 h. Understanding people of other backgrounds 	pgdiverse	1	Very little	4	11	60	8	5	8	421	10							
(economic,		2	Some	11	29	161	22	16	25	1,127	26	• •						
racial/ethnic, political,		3	Quite a bit	10	26	224	31	16	25	1,400	32	2.8	3.0	17	3.0	19	2.9	03
religious, nationality,		4	Very much	13	34	287	39	28	43	1,403	32							
etc.)			Total	38	100		100	65	100	4,351	100							
i. Solving complex real-	pgprobsolve	1	Very little	5	13	62	8	7	11	382	9							
world problems		2	Some	8	21	182	25	19	29	1,087	25							
		3	Quite a bit	14	37	250	34	17	26	1,562	36	2.8	2.9	10	2.8	01	2.9	07
		4	Very much	11	29	238	33	22	34	1,318	30							
			Total	38	100	732	100	65	100	4,349	100							
j. Being an informed and	pgcitizen	1	Very little	7	19	61	8	5	8	438	10							
active citizen		2	Some	10	27	199	27	21	32	1,139	26							
		3	Quite a bit	9	24	239	33	17	26	1,460	34	2.6	2.9	23	2.9	21	2.8	19
		4	Very much	11	30	226	31	22	34	1,284	30							
			Total	37	100	725	100	65	100	4,321	100							



Frequencies and Statistical Comparisons: Interdisc. Studies

Seniors ^a in						Freque	ncy D	istributior	IS				Sta	atistical	Comparis	sons ^k		
Interdisc. Stu	dies														Your seniors c	ompared v	vith	
	ares									NSSE 2015	8							
				Tennessee	Tech	Carnegie C	lass	THEC Peer G	iroup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name ¹	Values'	^m Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
18. How would you ev	aluate your enti	re educa	ational experience at th	is institution	?													
	evalexp	1	Poor	1	3	10	1	2	3	89	2							
		2	Fair	5	13	72	10	12	19	426	10							
		3	Good	12	32	273	37	21	33	1,811	42	3.3	3.4	06	3.2	.18	3.3	.02
		4	Excellent	20	53	375	51	28	44	2,033	47							
			Total	38	100	730	100	63	100	4,359	100							
19. If you could start of	over again, woul	d you go	o to the same institution	n you are no	w atte	ending?												
	sameinst	1	Definitely no	3	8	20	3	3	5	179	4							
		2	Probably no	4	11	73	10	8	12	517	12							
		3	Probably yes	9	24	238	33	20	31	1,560	36	3.3	3.4	10	3.3	.01	3.3	.04
		4	Definitely yes	22	58	400	55	34	52	2,107	48							
			Total	38	100	731	100	65	100	4,363	100							



Respondent Profile: Interdisc. Studies

Internet Note: Note: <	Interdisc. Studi	es				First-Ye	ear S	Students ^a							Seni	ors ^a			
Interventing Vertified Court N										NSSE 2015	&							NSSE 201	5 &
Interventing Vertified Court N				Tennessee Te	ech	Carnegie Cla	ss ·	THEC Peer Gro	oup	2016		Tennessee 1	Tech	Carnegie C	ass	THEC Peer G	iroup	2016	
30. Mor may major do you plato completé (Do na complet	-									. .			- /						
pip plant complexis More thun one a s a a a a a a b b a a b a <td></td> <td></td> <td>· ·</td> <td>Count</td> <td>%</td> <td>Count</td> <td>%</td> <td>Count</td> <td>%</td> <td>Count</td> <td>%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			· ·	Count	%	Count	%	Count	%	Count	%								
Do not count minor. min mode min mode <thmin mode<="" th=""> min mode min mode<td></td><td>MAJIUII</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>,</td><td></td></thmin>		MAJIUII																,	
Tirst major or expected first major, in NSES: defull relation-major expected second major for the Major Field keptor MAMfirstol (Recordef Trom MAMfirstol) (Recordef Trom MAMfirstol) MAMfirstol (Recordef Trom Keptor) MAMfirstol (Recordef Trom MAMfirstol) MAMfirstol (Recordef Trom MAMfirstol) Mathematics (Recordef Trom MAMfirsto																			
Instantion in NSERS defail relation-ing catagories. Recorded from NAME, so: Agriculture. Physical Sciences Recorded from Physical Science		N/AXC / 1										-							
default relation-inger A. Surral Resources A. Surral Resources 0 </td <td>5 1</td> <td>MAJfirstcol</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	5 1	MAJfirstcol										0	0	0	0	0	0	0	0
categories. ''''''''''''''''''''''''''''''''''''	5											6	16	109	15	6	9	1,683	38
ibors not reflect any cutorinization made for the Major Field Report) Sciela Sciences 0	5	MAJfirst.)																	
isotialization made Social Scences 0 <	U U		-									0	0	0	0	0	0	0	0
for the Major Field Busines 0<			Social Sciences									0	0	0	0	0	0	0	0
Report Communications, Media, & Public Relations Communications, Media, Education Communications, Media, Education Communications, Media, & Public Relations Communications, Media, & Public Relations, Media, & Public Relations, Media, & Public Relations Communications,			Business									0	0	0	0	0	0	0	0
KPublic Relations	0 5		Communications, Media,									0	0	0	0	0	0	0	0
Record major or expected second major, in NSK's default related-major categories. MAlsecondo Keconde from MAlsecondo in NSK default related-major categories. Ars & Humanites Kecondure, Keconde from MAlsecondo Keconde from Keconde from MAlsecondo Keconde from Keconde from MAlsecondo Keconde from Keconde from MAlsecondo Keconde from Keconde from K	Reporty											0	0	0	0	0	0	0	
Health ProfessionsHealth Professions00 <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td>														0					
Social Service Professions AI Other 0			e e									0	0	0	0	0		0	0
$ \begin{array}{ c c c c c c c } & & & & & & & & & & & & & & & & & & &$			Health Professions									0	0	0	0	0	0	0	0
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Social Service Professions									0	0	0	0	0	0	0	0
Total38100735100651004,37610Second major or expected scond major in NSSE's default related-major categories.MAJsecondol Recoded from MAJsecontosArs & Humanities Majsecontos Physical Sci., Agriculture, & Natural Resources Physical Sci., Mathematics, & Computer Science Bosical Sciences000000022(Does not reflect any cutegories.Social Sciences & Computer Science BusinessSocial Sciences1331624009222(Does not reflect any cutegories.BusinessSocial Sciences133111600235For the Major Field Report)BusinessCommunications, Media, & Public Relations6000000287EducationEducationEducation13357240235Field ProfessionsEducation13357240235Ideal ProfessionsEducation13357240235Ideal ProfessionsIdeal Professions13357240235Ideal ProfessionsIdeal ProfessionsIdeal Professions13357240235Ideal ProfessionsIdeal ProfessionsIdeal ProfessionsIdeal ProfessionsIdeal Professions133<			All Other									32	84	626	85	59	91	2,693	62
Second major or expected second major, in NSSE's default related-major categories. MAJsecondol (Recoded from MAJsecond.) Arts & Humanities Biological Sci., Agriculture, & Natural Resources Physical Sci., Mathematics, & Computer Science 0 0 7 0 0 62 15 0 0 5 7 0 0 85 20 0 0 1 1 0 0 85 20 0 0 1 1 0 0 85 20 0 0 1 1 0 0 85 20 0 0 1 1 0 0 85 20 (Does not reflect any customization made for the Major Field Report) & Communications, Media, & Public Relations & Communications, Media, & Public Relations 0 0 1 1 0 0 28 7 Health Professions Social Service Professions 0 0 0 0 0 0 1 20 24 20 23 5 Health			Undecided, Undeclared									0	0	0	0	0	0	0	0
expected scond major in NSSE's default related-major categories.Biological Sci., Agriculture, & Natural Resources Physical Sci., Mathematics, & Computer ScienceBiological Sci., Agriculture, & Nathematics, Computer ScienceBiological Sci., Agriculture, & Nathematics, Computer ScienceBiological Sci., Agriculture, & Nathematics, Computer ScienceBiological Sci., Agriculture, & Nathematics, Malsecond.Biological Sci., Mathematics, Malsecond.Biological Sci., Mathematics, Malseco			Total									38	100	735	100	65	100	4,376	100
in NSSE's default related-major categories. & Natural Resources Physical Sci., Mathematics, & Computer Science % Natural Resources Physical Sci., Mathematics, & Computer Science 0 0 1 1 0 0 18 4 (Does not reflect any customization made % Computer Sciences 0 1 33 16 24 0 0 92 22 (Does not reflect any customization made Social Sciences 1 33 11 16 0 02 23 55 for the Major Field customization made & Public Relations Communications, Media, & Public Relations 0 0 1 1 0 00 02 23 55 Report) Education 0 0 1 1 0 0 07 2 Report) Education 0 0 0 0 0 0 23 24 Report) Education 0 0 0 0 0 0 24 24 24 24 24 24 24 24 24 24 24 24	Second major or	MAJsecondcol										0	0	7	10	0	0	62	15
in NSE's default MAJsecond. & Natural Resources 0 0 1 1 0 0 18 4 related-major & Computer Science 0 1 33 16 24 0 0 92 22 (Does not reflect any customization made Social Sciences 1 33 16 24 0 0 92 22 (Does not reflect any customization made Social Sciences 1 33 16 24 0 0 92 22 (Does not reflect any customization made Business 1 33 11 16 0 0 23 55 for the Major Field & Rubilic Relations Communications, Media, 1 1 10 0 0 0 0 0 0 23 55 Report) Eduitor Eduitor 1 33 5 7 2 40 23 55 Report Eduitor Social Service Professions 1 33 5 7 2 40 23 55 K	1 0 1	(Recoded from										0	0	5	7	0	0	85	20
categories. & Computer Science 0 0 1 1 0 0 18 4 (Does not reflect any customization made for the Major Field for the Major Field (Major Field & Communications, Media, & Public Relations) Social Sciences 1 33 16 24 0 0 92 22 Report) Education Communications, Media, & Public Relations 0 0 0 1 16 0 0 23 5 Report) Education 0 0 0 1 1 0 0 7 2 Health Professions Education 0 0 0 0 0 0 0 0 0 23 5 Social Service Professions Education 0												-		-			÷		
Social Sciences 1 33 16 24 0 0 92 22 Communications made for the Major Field for the Major Field Report Business 1 33 11 16 0 0 23 5 Report Communications, Media, & Public Relations & Public Relations 0 0 1 1 0 0 7 2 Report Education Education 0 0 0 0 0 23 7 Report Education Education 0 0 0 0 0 20 24 Health Professions 1 33 5 7 2 40 23 55 Social Service Professions 1 33 5 7 2 40 23 55 All Other 0 0 1 16 1 20 44 10 Undecided, Undeclared 0 0 3 4 1 20 11 35	5		-									0	0	1	1	0	0	18	4
Loses not reflect any customization madeBusinessBusiness1331116002235for the Major Field Report)Communications, Media, & Public Relations00 <td>categories.</td> <td></td> <td>1</td> <td>33</td> <td>16</td> <td>24</td> <td>0</td> <td>0</td> <td>92</td> <td>22</td>	categories.											1	33	16	24	0	0	92	22
Communication made for the Major Field Report)Communications, Media, & Public Relations00110072Report)EducationEducation00000287Education000000287Engineering0000072Health Professions13357240235Social Service Professions0011161202410All Other0034120113												1							
for the Major Field & Public Relations 0 0 1 1 0 0 7 2 Report) Education 0												1		11	10				
Education 0 0 4 6 0 0 28 7 Engineering 0 0 0 0 0 0 0 7 2 Health Professions 1 33 5 7 2 40 23 5 Social Service Professions 0 0 11 16 1 20 44 10 All Other 0 0 3 4 1 20 11 33 Undecided, Undeclared 0 0 3 4 1 20 11 33			, ,									0	0	1	1	0	0	7	2
Health Professions 1 33 5 7 2 40 23 5 Social Service Professions 0 0 11 16 1 20 44 10 All Other 0 0 4 6 1 20 25 6 Undecided, Undeclared 0 0 3 4 1 20 11 3	Report)		Education									0	0	4	6	0	0	28	7
Social Service Professions 0 0 11 16 1 20 44 10 All Other 0 0 4 6 1 20 25 6 Undecided, Undeclared 0 0 3 4 1 20 11 3			Engineering									0	0	0	0	0	0	7	2
All Other 0 0 4 6 1 20 25 6 Undecided, Undeclared 0 0 3 4 1 20 11 3			Health Professions									1	33	5	7	2	40	23	5
All Other 0 0 4 6 1 20 25 6 Undecided, Undeclared 0 0 3 4 1 20 11 3			Social Service Professions									0	0	11	16	1	20		
Undecided, Undeclared 0 0 3 4 1 20 11 3												0	0	4	6	1	20	25	
												0	0	3	4	1			
			Total									3	100	68	100	5	100	425	



Respondent Profile: Interdisc. Studies

In	terdisc. Studi	es				First-Ye	ar	Students ^a					-		Seni	iors ^a			
										NSSE 2015	&							NSSE 201	5 &
				Tennessee Te	ech	Carnegie Cla	SS	THEC Peer Gr	oup	2016		Tennessee -	Гech	Carnegie Cl	ass	THEC Peer G	roup	2016	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	
21.	What is your class	class	Freshman/First-year	count	/0	count	/0	count	/0	count	/0	0	0		0		0	4	<u>%</u> 0
	level?		Sophomore									0	0	1	0	0	0	14	0
			Junior									1	3	25	3	3	5	221	5
			Senior									35	92		94	59	92	4,022	93
			Unclassified									2	5	19	3	2	3	79	2
			Total									38	100	728	100	64	100	4,340	100
22.	Thinking about this	fulltime	No									10	27	191	26	22	34	974	23
	current academic term,		Yes									27	73	534	74	42	66	3,346	77
	are you a full-time		Total									37	100	725	100	64	100	4,320	100
	student?																		
23a.	How many courses are	coursenum	0									7	18	25	3	2	3	110	3
	you taking for credit this current academic		1									2	5	63	9	5	8	243	6
	this current academic term?		2									7	18	102	14	13	20	535	12
	term:		3									0	0	92	13	9	14	538	12
			4									13	34	198	27	19	29	1,182	27
			5									4	11	123	17	10	15	940	22
			6									3	8	69	9	3	5	462	11
			7 or more									2	5	57	8	4	6	336	8
			Total									38	100	729	100	65	100	4,346	100
1	. Of these, how many are	onlinenum	0									24	63	249	34	15	23	2,592	60
	entirely online?		1									10	26	144	20	12	18	715	17
			2									1	3	123	17	11	17	466	11
			3									0	0	67	9	13	20	206	5
			4									1	3	71	10	9	14	181	4
			5									1	3	20	3	3	5	62	1
			6									1	3	29	4	2	3	54	1
			7 or more									0	0	24	3	0	0	55	1
			Total									38	100	727	100	65	100	4,331	100
	Collapsed recode of	onlinecrscol	No courses taken online									24	63	249	34	15	23	2,592	60
	courses taken online		Some courses taken online									9	24	185	25	16	25	923	21
	(Based on responses to		All courses taken online									5	13	292	40	34	52	815	19
	coursenum and onlinenum)		Total									38	100	726	100	65	100	4,330	100
	ommenumy																		



Respondent Profile: Interdisc. Studies

In	terdisc. Studi	es				First-Y	ear	Students ^a						9	Sen	iors ^a			
				Tennessee T	ech	Carnegie Cla	iss	THEC Peer Gr	oup	NSSE 2015 2016	&	Tennessee	Tech	Carnegie Cl	ass	THEC Peer G	roup	NSSE 2015 2016	5&
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24.	What have most of your grades been up to now	grades	C- or lower C									0	0	1	0		0	15 83	0
	at this institution?		C+									2	5	25	3	2	3	173	4
			В-									2	5	43	6	4	6	310	7
			В									3	8	110	15	12	18	753	17
			B+									5	13	98	13	5	8	750	17
			A-									7	18	138	19	13	20	820	19
			А									18	47	309	42	29	45	1,435	33
			Total									38	100	733	100	65	100	4,339	100
25.	Did you begin college	begincol	Started here									18	47	225	31	16	25	1,854	43
	at this institution or		Started elsewhere									20	53	508	69	49	75	2,493	57
	elsewhere?		Total									38	100	733	100	65	100	4,347	100
26.	Since graduating from	attend_voc	Vocational or technical school									4	11	117	16	9	14	481	11
	high school, which of	attend_com	Community or junior college									21	55	458	63	41	63	2,270	52
	the following types of schools have you	attend_col	4-year college or university other than this one									9	24	260	36	24	37	1,303	30
	attended <i>other than</i> the one you are now	attend_none	None									12	32	123	17	6	9	1,278	29
	attending? (Select all that apply.)	attend_other	Other									1	3	54	7	2	3	199	5
27.	What is the highest level of education you	edaspire	Some college but less than a bachelor's degree									2	5	54	7	6	9	219	5
	ever expect to		Bachelor's degree (B.A., B.S., etc.)									10	26	249	34	22	34	1,459	34
	complete?		Master's degree (M.A., M.S., etc.)									20	53	333	46	30	46	1,955	45
			Doctoral or professional degree									6	16	95	13	7	11	698	16
			(Ph.D., J.D., M.D., etc.)																
			Total									38	100	731	100	65	100	4,331	100



Respondent Profile: Interdisc. Studies

Tennessee Technological University

Int	erdisc. Studi	es				First-Y	ear S	Student	s ^a						:	Sen	iors ^a			
										NSS	SE 2015	&							NSSE 201	.5 &
				Tennessee T	ech	Carnegie Cla	ass -	THEC Peer	Group)	2016		Tennessee 1	Tech	Carnegie C	ass	THEC Peer G	iroup	2016	
	Item wording	Variable	D	Count	%	Count	0/	6		,	Count	0/	Grunt	0/	Count		Count	0/	Count	
28.	or description What is the highest	name parented	Response options Did not finish high school	Count	%	Count	%	Coun	%)	Count	%	Count 4	% 11	Count 79	% 11		<u>%</u> 9	Count 311	<u>%</u> 7
	level of education	F	High school diploma or G.E.D.										13	34	224	31		26	985	
	completed by either of your parents (or those		Attended college, but did not complete degree										3	8	91	12		15	509	12
	who raised you)?		Associate's degree (A.A., A.S., etc.)										1	3	73	10	6	9	463	11
			Bachelor's degree (B.A., B.S., etc.)										7	18	163	22	13	20	1,115	26
			Master's degree (M.A., M.S., etc.)										7	18	77	11	9	14	700	16
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)										3	8	26	4	4	6	256	6
			Total										38	100	733	100	65	100	4,339	100
	First-generation status	firstgen	Not first-generation										17	45	266	36	26	40	2,071	48
	(No parent holds a	(Recoded from	First-generation										21	55	467	64	39	60	2,268	52
	bachelor's degree)	parented)	Total										38	100	733	100	65	100	4,339	100
29.	What is your gender	genderid	Man										11	29	192	26	19	29	1,345	31
	identity?		Woman										27	71	525	72	44	68	2,914	67
			Another gender identity										0	0	1	0	0	0	18	0
			I prefer not to respond										0	0	11	2	2	3	60	1
			Total										38	100	729	100	65	100	4,337	100
30.	Enter your year of birth	agecat	19 or younger										0	0	2	0	0	0	12	0
	(e.g., 1994):	(Recoded	20-23										15	39	212	29	15	23	2,010	47
		from the	24-29										7	18	137	19	15	23	761	18
		information	30-39										8	21	155	21	16	25	698	16
		entered in	40-55										5	13	179	25	16	25	679	16
		birthyear)	Over 55										3	8	37	5	3	5	135	3
			Total										38	100	722	100	65	100	4,295	100
31a.	Are you an	internat	No										37	100	709	98	64	98	4,224	98
	international student?		Yes										0	0	13	2	1	2	68	2
			Total										37	100	722	100	65	100	4,292	100
	International student	countrycol	Africa Sub-Saharan										0	0	0	0	0	0	3	5
	country of citizenship,	(D)	Asia										0	0	1	8	0	0	13	20
	collapsed into regions by NSSE. Responses to	(Recoded from country.)	Canada										0	0	4	31	0	0	6	9
	country are in the data	country.)	Europe										0	0	2	15	0	0	19	30
	file. U.S. (domestic)		Latin America and Caribbean										0	0	4	31	1	100	21	33
	students did not receive		Middle East and North Africa										0	0	1	8	0	0	1	2
	this question.		Oceania										0	0	1	8	0	0	1	2
			Unknown region/uncoded										0	0	0	0	0	0	0	0
			Total										0	0	13	100	1	100	64	100



Respondent Profile: Interdisc. Studies

Tennessee Technological University

						FILST-T	ear St	udents						3	eni	iors ^a			
										NSSE 2015	&							NSSE 201	5 &
				Tennessee T	ech	Carnegie Cla	ss TH	IEC Peer Gi	roup	2016		Tennessee T	Tech	Carnegie Cla	ass	THEC Peer Gr	oup	2016	
	tem wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
	What is your racial or	re_amind	American Indian or Alaska Native									1	3		2		0	121	3
	ethnic identification?	re_asian	Asian									0	0	28	4	1	2	167	4
((Select all that apply.)	re_black	Black or African American									1	3	91	12	12	18	502	12
		re_latino	Hispanic or Latino									2	5	135	18	1	2	497	11
		re_pacific	Native Hawaiian or Other Pacific Islander									0	0	6	1	0	0	38	1
		re_white	White									35	92	450	61	48	74	3,061	71
		re_other	Other									0	0	15	2	3	5	92	2
_		re_pnr	I prefer not to respond									1	3	36	5	2	3	202	5
	Racial or ethnic	re_all	American Indian or Alaska Native									0	0	5	1	0	0	32	1
i	dentification	(Recoded from	Asian									0	0	22	3	1	2	98	2
		re_amind	Black or African American									1	3	84	11	11	17	437	10
		through	Hispanic or Latino									1	3	117	16	1	2	379	9
		re_pnr where each	Native Hawaiian/Other Pac. Islander									0	0	3	0	0	0	10	0
		student is	White									33	87	418	57	46	71	2,826	65
		represented only	Other									0	0	10	1	2	3	58	1
		once)	Multiracial									2	5	37	5		3	285	7
			I prefer not to respond									1	3	36	5		3	202	5
			Total									38	100	732	100		100	4,327	100
	Are you a member of a	greek	No									31	84	683	94	61	94	3,983	92
	social fraternity or sorority?		Yes									6	16	47	6	4	6	337	8
			Total									37	100	730	100	65	100	4,320	100
	Which of the following best describes where	living	Dormitory or other campus housing									3	8	34	5	1	2	490	11
	you are living while		(not fraternity or sorority house) Fraternity or sorority house									0	0	2	0	1	2	29	1
	attending college?		Residence (house, apartment, etc.)									0	0	2	0	1	2	29	1
	8 8		within walking distance to the									5	13	70	10	7	11	852	20
			institution																
			Residence (house, apartment, etc.)									• •							
			farther than walking distance to the institution									28	74	510	70	51	78	2,684	62
			None of the above									2	5	115	16	5	8	275	6
			Total									38	100	731	100		100	4,330	100
35. A	Are you a student-	athlete	No									35	92	716	98		100	4,132	96
	athlete on a team		Yes									3	8	11	2		0	175	4
	sponsored by your		Total									38	100	727	100		100	4,307	100
	institution's athletics department?											20		. 27		50		.,207	



Respondent Profile: Interdisc. Studies

Interdisc. Studi	es				First-Ye	ear St	tudents	9						Seni	ors ^a			
									NSSE 201	5&							NSSE 201	5 &
			Tennessee Tec	h	Carnegie Cla	ss Tl	HEC Peer G	roup	2016		Tennessee T	ech	Carnegie Cl	ass	THEC Peer G	iroup	2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
36. Are you a current or	veteran	No									36	95		88	61	95	3,930	
former member of the		Yes									2	5	86	12	3	5	376	9
U.S. Armed Forces,		Total									38	100	729	100	64	100	4,306	100
Reserves, or National Guard?																		
37a. Have you been	disability	No									32	84	609	83	52	81	3,535	82
diagnosed with any		Yes									4	11	97	13	10	16	643	15
disability or		I prefer not to respond									2	5	25	3	2	3	156	4
impairment?		Total									38	100	731	100	64	100	4,334	100
b. <i>[If answered "yes"]</i> Which of the following	dis_sense	A sensory impairment (vision or hearing)									0	0	12	13	1	10	81	13
has been diagnosed?	dis_mobility	A mobility impairment									0	0	17	18	3	30	95	15
(Select all that apply.)	dis_learning	A learning disability (e.g., ADHD, dyslexia)									1	25	36	38	7	70	264	41
	dis_mental	A mental health disorder									1	25	31	32	1	10	244	38
	dis_other	A disability or impairment not listed above									2	50	29	30	2	20	161	25
Disability or	disability_all	A sensory impairment									0	0	4	1	0	0	33	1
impairment	(Recoded from	A mobility impairment									0	0	12	2	2	3	46	1
	disability and	A learning disability									1	3	22	3	4	6	173	4
	dis_sense	A mental health disorder									1	3	16	2	0	0	132	3
	through	A disability or impairment not listed									2	5	19	3	1	2	93	2
	dis_other where each student is	More than one disability or impairment									0	0	23	3	3	5	160	4
	represented only once)	No disability or impairment									32	84	609	83	52	81	3,535	82
	once)	Prefer not to respond									2	5	25	3	2	3	156	4
		Total									38	100	730	100	64	100	4,328	100
38. Which of the following	sexorient14	Heterosexual											147	88	38	88	1,388	85
best describes your		Gay											2	1	0	0	24	1
sexual orientation?		Lesbian											2	1	1	2	15	1
(Question		Bisexual											6	4	1	2	79	5
administered per		Another sexual orientation											1	1	0	0	31	2
institution request)		Questioning or unsure											1	1	0	0	21	1
		I prefer not to respond											9	5	3	7	77	5
		Total											168	100	43	100	1,635	100



Respondent Profile: Interdisc. Studies

terdisc. Studi	es				First-Y	ear S	Studen	ts ^a							Senio	ors ^a			
									Ν	NSSE 2015	£							NSSE 201	15 &
			Tennessee Te	ch	Carnegie Cla	ISS 🛛	THEC Pee	. Grou	лр	2016		Tennessee 1	ech	Carnegie C	ass	THEC Peer (Group	2016	,
Item wording or description	Variable name	Response options	Count	%	Count	%	Cour	t	%	Count	%	Count	%	Count	%	Count	%	Count	%
itution-reported info								-											
iables provided by your inst		SE population file.)																	
Institution-reported sex	IRsex	Female										27	71	539	73	44	68	2,990	6
		Male										11	29	196	27	21	32	1,385	3
		Total										38	100	735	100	65	100	4,375	10
Institution-reported	IRrace	American Indian or Alaska Native										0	0	6	1	0	0	42	
race or ethnicity		Asian										0	0	19	3	1	2	87	
		Black or African American										1	3	70	10	12	18	430	1
		Hispanic or Latino										0	0	112	15	0	0	439	1
		Native Hawaiian/Other Pac. Islander										0	0	1	0	1	2	13	
		White										34	89	391	54	49	75	2,647	6
		Other										0	0	0	0	0	0	1	
		Foreign or nonresident alien										0	0	12	2	1	2	49	
		Two or more races/ethnicities										1	3	11	2	1	2	121	3
		Unknown										2	5	102	14	0	0	234	. (
		Total										38	100	724	100	65	100	4,063	10
Institution-reported	IRclass	Freshman/First-Year										0	0	0	0	0	0	0) (
class level		Sophomore										0	0	0	0	0	0	0) (
		Junior										0	0	0	0	0	0	0) (
		Senior										38	100	735	100	65	100	4,376	100
		Other										0	0	0	0	0	0	0) (
		Total										38	100	735	100	65	100	4,376	10
Institution-reported	IRftfy	No										38	100	735	100	65	100	4,349	9
first-time first-year (FTFY) status		Yes										0	0	0	0	0	0	27	
		Total										38	100	735	100	65	100	4,376	10
Institution-reported	IRenrollment	Not full-time										8	21	200	27	31	48	1,026	2
enrollment status		Full-time										30	79	535	73	34	52	3,350	7
		Total										38	100	735	100	65	100	4,376	100



Endnotes: Interdisc. Studies

Tennessee Technological University

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 +/- 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 < .01 (2-tailed).
- g. Cohen's *d*: The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. *p < .05, **p < .01, ***p < .001 (*z*-test comparing participation rates).
- j. Cohen's *h*: The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. Means calculated from ordered response options (e.g., Very Often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Exceptions are the dichotomous high-impact practice items (11a to 11f) which are compared using a z-test.
- 1. 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.
- Δ Your students' average was significantly higher (p < .05) with an effect size less than .3 in magnitude.
- Vour students' average was significantly lower (p < .05) with an effect size less than .3 in magnitude.
- **Your students' average** was significantly lower (p < .05) with an effect size at least .3 in magnitude.

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

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