# Tennessee Technological University NSSE 2016 Major Field Report, Part II Comparisons to Other Institutions Business

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 'Business' includes the following majors: Accounting; Business administration; Economics; Finance; International business; Management; Management information systems; Marketing; Organizational leadership or behavior; Other business.



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.

IPEDS: 221847



### 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: Business.

#### 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: Business 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<sup>a</sup> for your students in this related-major category with students in your comparison groups within the same category.

Use the following key:

- **Your students' average** was significantly higher (p<.05) with an effect size at least .3 in magnitude.
- $\triangle$  Your students' average was significantly higher (p<.05) with an effect size less than .3 in magnitude.
- -- No significant difference.
- $\nabla$  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	-Year Students in Bus	iness		Seniors in Business	
		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				$\nabla$		
Academic	Reflective & Integrative Learning				$\checkmark$		$\mathbf{V}$
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: Business** 

### **Tennessee Technological University**

### First-year students<sup>a</sup> in

Business	Mea	n statistics			Percer	ntile <sup>d</sup> scores			C	Comparison re	sults	
										Mean		Effect
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom $^{e}$	diff.	Sig. <sup>f</sup>	size <sup>g</sup>
Academic Challenge												
Higher-Order Learning												
Tennessee Tech $(N = 32)$	35.2	13.8	2.43	15	28	35	40	60				
Carnegie Class	39.5	13.9	.24	20	30	40	50	60	3,283	-4.4		316
THEC Peer Group	37.1	13.9	1.00	10	25	40	45	60	224	-1.9		139
NSSE 2015 & 2016	38.8	13.4	.09	20	30	40	50	60	24,420	-3.7		273
Reflective & Integrative Learning												
Tennessee Tech $(N = 32)$	35.9	11.0	1.94	20	30	34	43	60				
Carnegie Class	36.3	12.5	.22	17	29	37	46	60	3,359	4		033
THEC Peer Group	34.0	12.4	.89	14	26	33	41	57	226	1.8		.150
NSSE 2015 & 2016	35.8	12.2	.08	17	27	34	43	60	25,035	.1		.009
Learning Strategies												
Tennessee Tech $(N = 32)$	39.0	14.6	2.58	20	27	40	53	60				
Carnegie Class	40.3	14.2	.25	20	27	40	53	60	3,304	-1.3		093
THEC Peer Group	37.9	13.5	.97	13	27	40	47	60	223	1.1		.081
NSSE 2015 & 2016	39.3	14.0	.09	20	27	40	53	60	24,607	4		026
Quantitative Reasoning												
Tennessee Tech $(N = 32)$	29.8	15.7	2.78	0	20	30	40	60				
Carnegie Class	29.3	16.2	.28	0	20	27	40	60	3,341	.5		.031
THEC Peer Group	28.2	15.4	1.10	0	20	27	40	60	225	1.6		.101
NSSE 2015 & 2016	30.2	15.7	.10	0	20	27	40	60	24,856	4		026
Learning with Peers												
Collaborative Learning												
Tennessee Tech $(N = 31)$	36.0	13.1	2.36	20	25	35	50	55				
Carnegie Class	30.0	14.9	.26	5	20	30	40	60	3,307	6.0	*	.403
THEC Peer Group	29.2	15.2	1.09	5	20	30	40	60	222	6.7	*	.450
NSSE 2015 & 2016	32.7	14.2	.09	10	20	30	40	60	24,598	3.2		.227
Discussions with Diverse Others												
Tennessee Tech $(N = 31)$	41.8	15.4	2.76	20	30	40	60	60				
Carnegie Class	39.7	17.0	.30	5	25	40	60	60	3,330	2.1		.123
THEC Peer Group	38.0	17.3	1.25	5	25	40	55	60	222	3.8		.224
NSSE 2015 & 2016	40.1	15.9	.10	15	30	40	55	60	24,812	1.7		.106



**Engagement Indicators: Business** 

### **Tennessee Technological University**

### First-year students<sup>a</sup> in

Business	Mea	n statistics			Percei	ntile <sup>d</sup> scores			C	omparison re	sults	
										Mean		Effect
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	diff.	Sig. <sup>f</sup>	size <sup>g</sup>
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech $(N = 32)$	22.8	15.2	2.68	5	10	20	30	60				
Carnegie Class	19.3	15.0	.26	0	10	15	30	50	3,307	3.5		.236
THEC Peer Group	18.8	16.0	1.15	0	5	15	25	55	224	4.0		.250
NSSE 2015 & 2016	20.7	14.7	.09	0	10	20	30	50	24,702	2.2		.147
Effective Teaching Practices												
Tennessee Tech $(N = 32)$	41.4	11.3	2.00	20	32	40	50	60				
Carnegie Class	39.8	13.8	.24	16	28	40	52	60	3,370	1.6		.116
THEC Peer Group	37.4	14.7	1.05	16	28	36	48	60	226	4.0		.284
NSSE 2015 & 2016	39.8	13.1	.08	20	32	40	50	60	25,104	1.7		.127
Campus Environment												
Quality of Interactions												
Tennessee Tech $(N = 32)$	47.4	9.1	1.60	26	42	48	54	60				
Carnegie Class	42.1	13.0	.23	18	34	44	52	60	32	5.3	**	.411
THEC Peer Group	39.5	14.4	1.03	12	32	42	50	60	60	7.9	***	.571
NSSE 2015 & 2016	42.1	12.3	.08	18	34	44	50	60	31	5.3	**	.431
Supportive Environment												
Tennessee Tech $(N = 32)$	35.0	11.7	2.07	18	28	34	40	55				
Carnegie Class	35.6	14.3	.25	13	25	35	45	60	3,335	6		041
THEC Peer Group	34.6	14.5	1.03	8	25	35	45	60	227	.4		.026
NSSE 2015 & 2016	37.0	13.8	.09	15	28	38	48	60	24,896	-2.0		142



**Engagement Indicators: Business** 

### **Tennessee Technological University**

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

Business	Mea	n statistics			Percer	ntile <sup>d</sup> scores			C	Comparison re	sults	
										Mean	,	Effect
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom $^{e}$	diff.	Sig. <sup>f</sup>	size <sup>g</sup>
Academic Challenge												
Higher-Order Learning												
Tennessee Tech $(N = 47)$	37.0	12.4	1.80	15	30	40	45	55				
Carnegie Class	41.0	13.8	.18	20	30	40	55	60	5,766	-4.0	*	287
THEC Peer Group	38.8	14.4	.92	20	30	40	50	60	293	-1.8		125
NSSE 2015 & 2016	40.4	13.8	.07	20	30	40	50	60	37,556	-3.3		242
Reflective & Integrative Learning												
Tennessee Tech $(N = 48)$	33.4	10.0	1.44	17	26	31	40	49				
Carnegie Class	38.6	12.5	.16	20	29	40	49	60	48	-5.2	***	420
THEC Peer Group	36.2	12.9	.81	17	26	37	46	57	80	-2.8		224
NSSE 2015 & 2016	38.0	12.5	.06	20	29	37	46	60	47	-4.6	**	372
Learning Strategies												
Tennessee Tech $(N = 48)$	35.7	13.6	1.96	20	27	33	47	60				
Carnegie Class	40.7	14.6	.19	20	33	40	53	60	5,834	-5.0	*	341
THEC Peer Group	42.4	14.9	.94	20	33	47	60	60	297	-6.7	**	453
NSSE 2015 & 2016	39.4	14.5	.07	13	27	40	53	60	37,824	-3.7		258
Quantitative Reasoning												
Tennessee Tech $(N = 48)$	29.7	13.8	1.99	13	20	27	33	60				
Carnegie Class	33.1	16.0	.21	7	20	33	40	60	5,888	-3.4		213
THEC Peer Group	32.5	15.8	.99	7	20	33	40	60	301	-2.8		182
NSSE 2015 & 2016	33.7	16.0	.08	7	20	33	47	60	38,302	-4.0		250
Learning with Peers												
Collaborative Learning												
Tennessee Tech $(N = 48)$	37.9	11.6	1.67	20	30	40	45	60				
Carnegie Class	30.9	14.2	.19	10	20	30	40	55	48	7.0	***	.495
THEC Peer Group	31.8	13.4	.85	10	20	30	40	55	298	6.1	**	.466
NSSE 2015 & 2016	32.5	14.4	.07	10	20	30	40	60	47	5.4	**	.373
Discussions with Diverse Others												
Tennessee Tech $(N = 47)$	38.3	15.2	2.22	10	25	40	50	60				
Carnegie Class	41.3	16.8	.22	10	30	40	60	60	5,861	-3.0		181
THEC Peer Group	38.5	17.5	1.10	10	25	40	55	60	298	2		009
NSSE 2015 & 2016	40.8	16.3	.08	15	30	40	60	60	38,077	-2.5		155



**Engagement Indicators: Business** 

### **Tennessee Technological University**

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

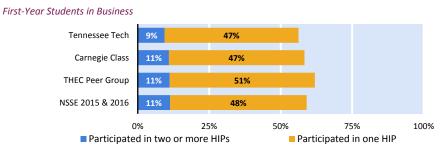
Business	Mea	n statistics			Percei	ntile <sup>d</sup> scores			C	Comparison re	sults	
										Mean		Effect
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	diff.	Sig. <sup>f</sup>	size <sup>g</sup>
Experiences with Faculty												
Student-Faculty Interaction												
Tennessee Tech $(N = 47)$	21.5	13.3	1.95	0	10	20	30	45				
Carnegie Class	18.6	15.6	.20	0	5	15	25	50	5,828	2.9		.185
THEC Peer Group	20.4	16.2	1.02	0	5	20	30	55	295	1.0		.067
NSSE 2015 & 2016	21.5	16.0	.08	0	10	20	30	55	37,929	.0		.001
Effective Teaching Practices												
Tennessee Tech $(N = 48)$	37.2	14.2	2.05	12	28	36	48	60				
Carnegie Class	40.0	14.2	.18	16	30	40	52	60	5,941	-2.8		199
THEC Peer Group	40.8	14.4	.90	20	28	40	56	60	302	-3.6		252
NSSE 2015 & 2016	40.3	13.7	.07	16	32	40	52	60	38,588	-3.1		226
Campus Environment												
Quality of Interactions												
Tennessee Tech $(N = 48)$	42.5	11.8	1.70	24	34	45	52	60				
Carnegie Class	43.5	12.3	.17	20	36	45	53	60	5,489	-1.1		085
THEC Peer Group	43.4	11.4	.74	24	36	44	53	60	283	9		082
NSSE 2015 & 2016	43.1	12.0	.06	20	36	44	52	60	36,649	6		053
Supportive Environment												
Tennessee Tech $(N = 46)$	30.8	13.3	1.96	8	23	30	40	55				
Carnegie Class	32.0	14.8	.19	8	20	33	40	60	5,897	-1.3		085
THEC Peer Group	33.7	14.8	.93	10	23	35	43	60	298	-3.0		204
NSSE 2015 & 2016	32.9	14.5	.07	10	23	33	43	60	38,250	-2.2		149

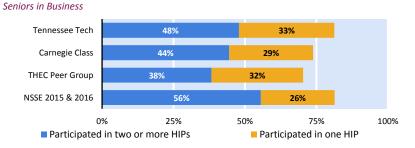


High-Impact Practices: Business Tennessee Technological University

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

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





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

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

	Tennessee Tech	Carnegie	Class	THEC Pe	er Group	NSSE 2015	& 2016
First-Year Students in Business	%	% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>	% <sup>i</sup>	Effect size <sup>j</sup>
11c. Learning community	16	14	.06	12	.11	14	.05
12. Service-learning	50	53	06	58	15	54	08
11e. Research with faculty	3	4	04	5	09	5	06
Participated in at least one	56	58	04	62	12	59	06
Participated in two or more	9 📕	11	05	11	06	11	06
Seniors in Business							
11c. Learning community	25	18	.18	16	.22	21	.10
12. Service-learning	56	53	.06	43	.27	56	.00
11e. Research with faculty	13	10	.07	9	.12	14	04
11a. Internship or field exp.	40	34	.12	25 *	.30	45	12
11d. Study abroad	11	11	.00	7	.13	16	15
11f. Culminating senior exp.	40	36	.09	39	.02	45	10
Participated in at least one	81	74	.18	70	.26	81	.00
Participated in two or more	48	44	.07	38	.19	56	15



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

First-Year Stu	dents <sup>a</sup> in					Frequer	ncy D	istribution	S				Sta	tistical	Compariso	ons <sup>k</sup>		
Business										NSSE 2015	5.&			Your f	ïrst-year studer	nts compo	ared with	
				Tennessee <sup>-</sup>	Геch	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carnegie	Class	THEC Peer	Group	NSSE 2015	& 2016
Item wording	Variable													Effect		Effect		Effect
or description	name'	Values'		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size <sup>n</sup>	Mean	size "
1. During the current s	chool year, abou	it how o	•	e following?														
a. Asked questions or	askquest	1	Never	1	3	82	2	13	7	638	3							
contributed to course discussions in other		2	Sometimes	12	38	981	29	62	31	8,106	32							
ways		3	Often	10	31	1,165	35	67	34	9,151	36	2.8	3.0	17	2.8	.01	2.9	08
		4	Very often	9	28	1,121	33	55	28	7,224	29							
			Total	32	100	3,349	100	197	100	25,119	100							
b. Prepared two or more	drafts	1	Never	5	16	413	12	25	13	3,456	14							
drafts of a paper or		2	Sometimes	12	38	1,042	31	53	27	8,442	34							
assignment before turning it in		3	Often	6	19	1,049	32	64	32	7,729	31	2.6	2.7	09	2.8	16	2.6	01
turning it in		4	Very often	9	28	825	25	55	28	5,383	22							
			Total	32	100	3,329	100	197	100	25,010	100							
c. Come to class without	unpreparedr	1	Very often	2	6	166	5	10	5	1,372	5							
completing readings or	(Reverse-coded	2	Often	2	6	356	11	19	10	3,044	12							
assignments	version of	3	Sometimes	16	50	1,728	52	107	55	13,728	55	3.2	3.1	.09	3.1	.10	3.0	.19
	unprepared	4	Never	12	38	1,079	32	60	31	6,842	27							
	created by NSSE.)		Total	32	100	3,329	100	196	100	24,986	100							
d. Attended an art exhibit,	attendart	1	Never	2	6	1,461	44	72	37	9,468	38							
play or other arts		2	Sometimes	15	47	1,213	36	83	42	9,850	39							
performance (dance,		3	Often	12	38	436	13	28	14	3,914	16	2.5	1.8 ***	.76	1.9 ***	.69	1.9 ***	.65
music, etc.)		4	Very often	3	9	219	7	13	7	1,746	7							
			Total	32	100	3.329	100	196	100	24,978	100		_					
e. Asked another student	CLaskhelp	1	Never	1	3	527	16	35	18	2,448	10							
to help you understand	1	2	Sometimes	13	41	1,389	42	73	37	9,843	39							
course material		3	Often	10	31	975	29	60	31	8,642	35	2.8	2.4 *	.42	2.4 *	.40	2.6	.24
		4	Very often	8	25	444	13	27	14	4,083	16		2.1	.12	2.1	.40	2.0	.21
			Total	32	100	3,335	100	195	100	25,016	100							
f. Explained course	CLexplain	1	Never	1	3	302	9		9	1,253	5							
material to one or more	p	2	Sometimes	9	28	1,324	40	72	37	9,230	37							
students		3	Often	16	50	1,156	35	69	35	9,827	39	2.8	2.6	.30	2.6	.23	2.7	.15
		4	Very often	6	19	549	16		19	4,655	19	2.0	2.0	.50	2.0	.23	2.1	.15
		4	Total	32	100	3.331	100	195	100	24,965	19							
			TOIDI	32	100	3,331	100	195	100	24,903	100							-



**Frequencies and Statistical Comparisons: Business** 

<b>First-Year Stud</b>	lents <sup>a</sup> in					Frequen	ncy D	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business														Your f	irst-year stude	ents compo	ared with	
				Tannassaa	Tach	Cornogio Cl				NSSE 2015 2016	5&	Tennessee Tech	Caraa			r Crown		F 9 2016
Item wording	Variable			Tennessee	rech	Carnegie Ci	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class Effect	THEC Pee	F Group Effect	NSSE 201	5 & 2016 Effect
or description	name <sup>1</sup>	Values'	<sup>n</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
g. Prepared for exams by	CLstudy	1	Never	1	3	691	21	47	24	3,557	14							
discussing or working		2	Sometimes	13	41	1,176	35	66	34	8,536	34							
through course material with other students		3	Often	11	34	891	27	53	27	8,088	32	2.8	2.4	.35	2.3 *	.41	2.6	.19
with other students		4	Very often	7	22	573	17	31	16	4,836	19							
			Total	32	100	3,331	100	197	100	25,017	100							
h. Worked with other	CLproject	1	Never	1	3	308	9	24	12	1,815	7							
students on course		2	Sometimes	11	35	1,284	39	87	44	8,986	36							
projects or assignments		3	Often	13	42	1,137	34	51	26	9,288	37	2.8	2.6	.18	2.5	.32	2.7	.09
		4	Very often	6	19	606	18	34	17	4,925	20							
			Total	31	100	3,335	100	196	100	25,014	100							
i. Given a course	present	1	Never	3	9	610	18	39	20	3,762	15							
presentation		2	Sometimes	12	38	1,247	37	83	42	10,207	41							
		3	Often	12	38	980	29	48	24	7,430	30	2.6	2.4	.19	2.3	.30	2.4	.17
		4	Very often	5	16	504	15	26	13	3,612	14							
			Total	32	100	3,341	100	196	100	25,011	100							
2. During the current sch	1001 vear, abo	ut how	often have you done th	e following?														
a. Combined ideas from	Rlintegrate	1	Never	2	6	238	7	24	12	1,640	7							
different courses when		2	Sometimes	17	53	1,266	38	81	42	9,604	38							
completing assignments		3	Often	9	28	1,216	36	65	33	9,435	38	2.5	2.7	22	2.5	.00	2.7	23
		4	Very often	4	13	613	18	25	13	4,349	17		2.7	.22	2.5	.00	2.7	.25
			Total	32	100	3,333	100	195	100	25,028	100							
b. Connected your	RIsocietal	1	Never	2	6	240	7	22	11	1,686	7							
learning to societal		2	Sometimes	13	41	1,214	37	75	38	9,357	38							
problems or issues		3	Often	11	34	1,231	37	70	36	9,546	38	2.7	2.7	03	2.5	.13	2.7	01
		4	Very often	6	19	633	19	29	15	4,349	17		2.,	100	210		2.,	101
			Total	32	100	3,318	100	196	100	24,938	100							
c. Included diverse	RIdiverse	1	Never	1	3	308	9	25	13	2,004	8							
perspectives (political,		2	Sometimes	15	47	1,240	37	85	43	9,843	39							
religious, racial/ethnic,		3	Often	10	31	1,128	34	53	27	8,792	35	2.7	2.6	.02	2.5	.19	2.6	.04
gender, etc.) in course discussions or		4	Very often	6	19	654	20	33	17	4,319	17							
assignments			Total	32	100	3,330	100	196	100	24,958	100							
						-,				.,								



**Frequencies and Statistical Comparisons: Business** 

First-Year Stud	lents <sup>a</sup> in					Frequence	cy Di	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business														Your f	irst-year stude	ents compo	ared with	
				T	Task	Como osio. Cla				NSSE 2015	5&	Tennessee Tech	<b>C</b>				NCCE 201	F 8 201C
Item wording	Variable			Tennessee	lech	Carnegie Cla	SS	THEC Peer G	roup	2016		Tennessee Tech	Carneg	Effect	THEC Pee	r Group Effect	NSSE 201	5 & 2016 Effect
or description	name <sup>1</sup>	Values'	" Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size"	Mean	size "
d. Examined the strengths	RIownview	1	Never	0	0	136	4	11	6	1,057	4							
and weaknesses of your own views on a		2	Sometimes	13	42	991	30	67	34	7,925	32							
topic or issue		3	Often	12	39	1,452	44	81	41	10,990	44	2.8	2.8	09	2.7	.05	2.8	03
		4	Very often	6	19	748	22	37	19	4,977	20							
			Total	31	100	3,327	100	196	100	24,949	100							
e. Tried to better	RIperspect	1	Never	0	0	97	3	7	4	804	3							
understand someone		2	Sometimes	13	41	925	28	54	28	7,382	30							
else's views by imagining how an issue		3	Often	10	31	1,427	43	82	42	10,991	44	2.9	2.9	06	2.9	06	2.9	.01
looks from his or her		4	Very often	9	28	874	26	53	27	5,763	23							
perspective			Total	32	100	3,323	100	196	100	24,940	100							
f. Learned something that	RInewview	1	Never	0	0	100	3	10	5	652	3							
changed the way you		2	Sometimes	9	28	985	30	59	30	7,635	31							
understand an issue or concept		3	Often	18	56	1,443	44	87	44	11,058	44	2.9	2.9	01	2.8	.09	2.9	.01
concept		4	Very often	5	16	789	24	40	20	5,569	22							
			Total	32	100	3,317	100	196	100	24,914	100							
g. Connected ideas from	RIconnect	1	Never	0	0	41	1	4	2	334	1							
your courses to your		2	Sometimes	5	16	720	22	49	25	5,458	22							
prior experiences and knowledge		3	Often	14	44	1,517	46	91	47	11,827	48	3.3	3.1	.24	3.0	.37	3.0	.27
Kilowieuge		4	Very often	13	41	1,035	31	51	26	7,247	29							
			Total	32	100	3,313	100	195	100	24,866	100							
3. During the current scl	hool year, abo	ut how o	often have you done th	e following?														
a. Talked about career	SFcareer	1	Never	7	22	855	26	56	28	5,616	23							
plans with a faculty member		2	Sometimes	13	41	1,423	43	79	40	11,256	45							
member		3	Often	8	25	693	21	36	18	5,493	22	2.3	2.2	.13	2.2	.12	2.2	.09
		4	Very often	4	13	349	11	26	13	2,577	10							
			Total	32	100	3,320	100	197	100	24,942	100							
b. Worked with a faculty	SFotherwork	1	Never	11	34	1,816	55	111	56	12,037	48							
member on activities		2	Sometimes	12	38	902	27	53	27	7,736	31							
other than coursework (committees, student		3	Often	5	16	386	12	17	9	3,522	14	2.1	1.7 *	.40	1.7 *	.40	1.8	.30
groups, etc.)		4	Very often	4	13	214	6	16	8	1,628	7							
			Total	32	100	3,318	100	197	100	24,923	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stud	dents <sup>a</sup> in					Freque	ncy D	istribution	IS				Sta	atistical	Comparis	ons <sup>k</sup>		
Business										NGGE 2015				Your f	irst-year stude	nts compo	ared with	
				Tennessee	Toch	Carpogio C	lace	THEC Peer G	roup	NSSE 2015 2016	8	Tennessee Tech	Carnegi	o Class	THEC Peer	Group	NSSE 2015	5 8 2016
Item wording	Variable			TEITIESSEE	Tech	Carriegie C	1035	THEC FEEL O	Toup	2010			Carriegi	Effect	TILC FEEL	Effect	N35L 201.	Effect
or description	name'	Values'	<sup>m</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
c. Discussed course	SFdiscuss	1	Never	13	41	1,311	39	82	42	8,117	33							
topics, ideas, or		2	Sometimes	11	34	1,264	38	75	38	10,431	42							
concepts with a faculty member outside of		3	Often	4	13	509	15	26	13	4,533	18	2.0	1.9	.07	1.8	.13	2.0	04
class		4	Very often	4	13	244	7	13	7	1,819	7							
			Total	32	100	3,328	100	196	100	24,900	100							
d. Discussed your	SFperform	1	Never	3	9	878	27	57	29	5,920	24							
academic performance		2	Sometimes	21	66	1,493	45	82	42	11,494	46							
with a faculty member		3	Often	5	16	657	20	39	20	5,300	21	2.3	2.1	.16	2.1	.19	2.1	.12
		4	Very often	3	9	282	9	17	9	2,152	9							
			Total	32	100	3,310	100	195	100	24,866	100							
4. During the current sc	hool year, hov	w much h	nas your coursework e	emphasized th	e follo	owing?												
a. Memorizing course	memorize	1	Very little	0	0	156	5	9	5	905	4							
material		2	Some	5	16	905	27	56	29	6,345	25							
		3	Quite a bit	13	41	1,446	43	84	43	11,478	46	3.3	2.9 **	.48	2.9 **	.51	2.9 *	.44
		4	Very much	14	44	831	25	47	24	6,296	25	010				101		
		-	Total	32	100	3,338	100	196	100	25,024	100							
b. Applying facts,	HOapply	1	Very little	2	6	107	3	6	3	747	3							
theories, or methods to		2	Some	6	19	790	24	47	24	5,951	24							
practical problems or		3	Quite a bit	16	50	1,527	46	94	48	11,857	48	2.9	3.0	04	2.9	01	3.0	03
new situations		4	Very much	8	25	905	27	49	25	6,383	26		5.0	.04	2.9	.01	5.0	.05
		-	Total	32	100	3,329	100	196	100	24,938	100							
c. Analyzing an idea,	HOanalyze	1	Very little	2	6	122	4	190	6	869	3							
experience, or line of	11041141/20	2	Some	9	28	801	24	54	28	6,087	24							
reasoning in depth by		2	Quite a bit	16	50	1,416	43	87	45	11,173	45	2.8	3.0	28	2.8	07	3.0	26
examining its parts		4	Very much	5	16	977	29	41	21	6,748	27	2.0	3.0	28	2.0	07	3.0	20
		-	Total	32	100	3,316	100	194	100	24,877	100							
d. Evaluating a point of	HOevaluate	1	Very little	32	3	95	3	9	5	789	3							
view, decision, or	ricevaluate	2	Some	9	28	753	23	49	25	6,112	25							
information source		2	Quite a bit	16	20 50	1,494	45	49 94	48	11,423	46	2.8	3.0	21	2.9	05	3.0	14
		3 4	-	6	30 19	982	43 30	94 44	48 22	6,574	40 26	2.0	5.0	21	2.9	05	5.0	14
		4	Very much Total	32	100	3.324	30 100		100	6,574 24,898	20 100							
			Total	32	100	3,324	100	196	100	24,898	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stud	lents <sup>a</sup> in					Frequer	ncy D	istributior	IS				Sta	atistical	Comparis	ons <sup>k</sup>		
Business										NGGE 2015				Your f	irst-year stude	nts compo	ared with	
				Tennessee <sup>-</sup>	Tech	Carnegie C	اعدد	THEC Peer G	roun	NSSE 2015 2016	ь &	Tennessee Tech	Carnegi	o Class	THEC Peer	Group	NSSE 2015	& 2016
Item wording	Variable			Termessee	lech	carriegie ci	1035	THECTEELO	Toup	2010			Carriegi	Effect	meereer	Effect	N33L 2013	Effect
or description	name <sup>I</sup>	Values <sup>*</sup>	<sup>n</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size <sup>n</sup>	Mean	size "
e. Forming a new idea or	HOform	1	Very little	4	13	137	4	11	6	1,067	4							
understanding from various pieces of		2	Some	13	41	831	25	63	32	6,637	27							
information		3	Quite a bit	10	31	1,442	44	80	41	11,050	44	2.5	2.9 **	53	2.8	33	2.9 **	48
		4	Very much	5	16	902	27	42	21	6,088	25		•				V	
			Total	32	100	3,312	100	196	100	24,842	100							
5. During the current sch	100l year, to v	vhat exte	ent have your instructo	ors done the f	ollow	ing?												
a. Clearly explained	ETgoals	1	Very little	0	0	76	2	9	5	455	2							
course goals and		2	Some	5	16	630	19	43	22	4,605	18							
requirements		3	Quite a bit	15	47	1,396	42	67	34	11,270	45	3.2	3.1	.10	3.1	.16	3.1	.12
		4	Very much	12	38	1,244	37	77	39	8,751	35							
			Total	32	100	3,346	100	196	100	25,081	100							
b. Taught course sessions	ETorganize	1	Very little	0	0	116	3	12	6	631	3							
in an organized way		2	Some	3	10	651	20	55	28	4,849	19							
		3	Quite a bit	17	55	1,415	42	71	36	11,432	46	3.3	3.1	.22	2.9 **	.41	3.1	.23
		4	Very much	11	35	1,154	35	59	30	8,122	32							
			Total	31	100	3,336	100	197	100	25,034	100							
c. Used examples or	ETexample	1	Very little	0	0	145	4	11	6	734	3							
illustrations to explain		2	Some	4	13	724	22	45	23	5,337	21							
difficult points		3	Quite a bit	15	47	1,287	39	83	43	10,530	42	3.3	3.0	.27	2.9 *	.40	3.1	.27
		4	Very much	13	41	1,172	35	56	29	8,386	34							
			Total	32	100	3,328	100	195	100	24,987	100							
d. Provided feedback on a	ETdraftfb	1	Very little	2	6	277	8	20	10	1,696	7							
draft or work in		2	Some	12	38	862	26	53	27	6,907	28							
progress		3	Quite a bit	10	31	1,115	34	67	34	9,194	37	2.8	2.9	15	2.8	07	2.9	14
		4	Very much	8	25	1,074	32	57	29	7,188	29							
			Total	32	100	3,328	100	197	100	24,985	100							
e. Provided prompt and	ETfeedback	1	Very little	2	6	300	9	22	11	1,985	8							
detailed feedback on		2	Some	10	31	970	29	68	35	7,356	30							
tests or completed assignments		3	Quite a bit	10	31	1,167	35	65	33	9,389	38	2.9	2.8	.09	2.6	.25	2.8	.09
assignments		4	Very much	10	31	874	26	41	21	6,179	25							
			Total	32	100	3,311	100	196	100	24,909	100							



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

First-Year Stu	idents <sup>a</sup> in					Frequen	cy D	istribution	s				St	atistical	Comparis	ons <sup>k</sup>		
Business										NSSE 2015	5&	<b>TT</b>			ïrst-year stude	,		
				Tennessee 1	ſech	Carnegie Cla	iss	THEC Peer G	roup	2016		Tennessee Tech	Carneg		THEC Pee		NSSE 201	
Item wording or description	Variable name <sup>I</sup>	Values'	" Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
6. During the current	school year, about	how o	often have you done th	e following?														
a. Reached conclusions	QRconclude	1	Never	3	9	353	11	18	9	2,175	9							
based on your own		2	Sometimes	10	31	1,163	35	74	38	8,453	34							
analysis of numerical		3	Often	14	44	1,215	36	69	35	9,778	39	2.7	2.6	.04	2.6	.04	2.7	02
information (numbers,		4	Very often	5	16	610	18	36	18	4,661	19							
graphs, statistics, etc.)			Total	32	100	3,341	100	197	100	25,067	100							
b. Used numerical	QRproblem	1	Never	5	16	558	17	37	19	3,731	15							
information to examine		2	Sometimes	12	38	1,291	39	79	41	9,533	38							
a real-world problem o	r	3	Often	11	34	974	29	54	28	8,093	32	2.4	2.4	.01	2.3	.10	2.5	03
issue (unemployment,		4	Very often	4	13	505	15	25	13	3,655	15							
climate change, public health, etc.)			Total	32	100	3,328	100	195	100	25,012	100							
nounii, etc.)			10111	52	100	0,020	100	170	100	20,012	100							
c. Evaluated what others	QRevaluate	1	Never	4	13	635	19	38	19	4,034	16							
have concluded from		2	Sometimes	16	50	1,337	40	89	45	10,249	41							
numerical information		3	Often	8	25	953	29	52	26	7,669	31	2.4	2.3	.04	2.3	.14	2.4	01
		4	Very often	4	13		12	18	9	3,019	12							
			Total	32	100	3,329	100	197	100	24,971	100							
7. During the current	school year, about	how 1	nany papers, reports,	or other writ	ing ta	sks of the foll	owin	ig length hav	e you	been assign	ed? (I	nclude those not y	et comple	eted.)				
a. Up to 5 pages	wrshortnum	0	None	9	28	159	5	16	8	972	4		-					
	(Recoded version	1.5	1-2	7	22	574	18	41	21	4,259	17							
	of wrshort created	4	3-5	6	19	1,055	32	64	33	7,801	32							
	by NSSE. Values	8	6-10	5	16	785	24	41	21	6,314	26	4.8	7.1 *	38	5.9	21	7.2 *	40
	are estimated	13	11-15	3	9	340	10	20	10	2,762	11		▼					
	number of papers,	18	16-20	1	3	167	5	6	3	1,236	5							
	reports, etc.)	23	More than 20	1	3	191	6	6	3	1,313	5							
			Total	32	100	3,271	100	194	100	24,657	100							
b. Between 6 and 10	wrmednum	0	None	21	66	1,100	35	89	46	7,488	31							
pages	(Recoded version	1.5	1-2	10	31	1,157	36	74	38	9,989	42							
	of wrmed created	4	3-5	1	3	567	18	14	7	4,441	18							
	by NSSE. Values	8	6-10	0	0	252	8	12	6	1,579	7	.6	2.4 ***	*53	1.7 ***	40	2.3 **	*55
	are estimated	13	11-15	0	0	57	2	3	2	371	2		▼		•		•	
	number of papers,	18	16-20	0	0	18	1	0	0	95	0							
	reports, etc.)	23	More than 20	0	0	19	1	1	1	99	0							
			Total	32	100	3,170	100	193	100	24,062	100							



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

First-Year Stu	udents <sup>a</sup> in					Freque	ncy D	istribution	S				Sta	tistical	Compariso	ons <sup>k</sup>		
Business											_			Your f	ïrst-year studer	nts compo	ared with	
				Tennessee <sup>-</sup>	Tech	Carnegie C	lass	THEC Peer G	roup	NSSE 2015 2016	5&	Tennessee Tech	Carnegie	Class	THEC Peer	Group	NSSE 2015	& 2016
Item wording	Variable				reen	currichie e	1455		loup	2010			curregie	Effect	THE CT CCT	Effect	10002 2010	Effect
or description	name'	Values"		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
c. 11 pages or more	wrlongnum	0	None	29	91	2,344	75	156	82	17,644	75							
	(Recoded version	1.5	1-2	3	9	507	16	17	9	4,230	18							
	of wrlong created	4	3-5	0	0	100	3	7	4	786	3							
	by NSSE. Values are estimated	8	6-10	0	0	85	3	5	3	478	2	.1	1.0 ***	29	.9 ***	28	.9 ***	28
	number of papers,	13	11-15	0	0	50	2	4	2	253	1		$\nabla$		$\nabla$		$\nabla$	
	reports, etc.)	18	16-20	0	0	12	0	0	0	72	0							
		23	More than 20	0	0	22	1	1	1	126	1							
			Total	32	100	3,120	100	190	100	23,589	100							
Estimated number of assigned pages of	wrpages											21.3	53.1 ***	47	43.4 ***	34	50.8 ***	48
student writing.	(Continuous varial	ble, recod	led and summed by NSSE									21.3		47		54		40
	from wrshort, wrm		-										▼		▼		▼	
	estimated pages of	assignea	(writing.)															
8. During the current	school year, abou	it how o	often have you had dis	cussions with	peop	le from the f	ollow	ing groups?										
a. People of a race or	DDrace	1	Never	0	0	217	6	13	7	1,262	5							
ethnicity other than		2	Sometimes	9	28	749	22	51	26	6,014	24							
your own		3	Often	9	28	964	29	55	28	7,833	31	3.2	3.1	.09	3.0	.16	3.1	.11
		4	Very often	14	44	1,415	42	78	40	9,978	40							
			Total	32	100	3,345	100	197	100	25,087	100							
b. People from an	DDeconomic	1	Never	1	3	218	7	17	9	1,164	5							
economic background		2	Sometimes	9	28	758	23	45	23	5,735	23							
other than your own		3	Often	11	34	1,073	32	64	33	8,870	35	3.0	3.0	03	2.9	.05	3.0	05
		4	Very often	11	34	1,286	39	69	35	9,268	37							
			Total	32	100	3,335	100	195	100	25,037	100							
c. People with religious	DDreligion	1	Never	1	3	287	9	21	11	1,783	7							
beliefs other than your		2	Sometimes	8	25	897	27	56	29	6,756	27							
own		3	Often	12	38	967	29	59	30	7,743	31	3.0	2.9	.12	2.8	.23	2.9	.10
		4	Very often	11	34	1,177	35	60	31	8,736	35							
			Total	32	100	3,328	100	196	100	25,018	100							
d. People with political	DDpolitical	1	Never	0	0	285	9	16	8	1,567	6							
		2	Sometimes	7	23	826	25	58	30	6,294	25							
views other than your		4	bometimes															
views other than your own		3	Often	12	39	1,060	32	63	32	8,315	33	3.2	2.9	.24	2.8	.36	3.0	.20
		-		12 12	39 39	1,060 1,150	32 35	63 57	32 29	8,315 8,768	33 35	3.2	2.9	.24	2.8	.36	3.0	.20



**Frequencies and Statistical Comparisons: Business** 

<b>First-Year Stu</b>	dents <sup>a</sup> in					Frequer	ncy D	Distributior	IS				Sta	atistical	Compari	sons <sup>k</sup>		
Business										NSSE 2015	5&			Your f	first-year stud	ents comp	ared with	
				Tennessee -	Геch	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording or description	Variable name <sup>I</sup>	Values'	<sup>7</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
9. During the current se	chool year, abo	ut how o	often have you done th	e following?														
a. Identified key	LSreading	1	Never	1	3	42	1	5	3	356	1							
information from		2	Sometimes	10	31	620	19	47	24	4,735	19							
reading assignments		3	Often	13	41	1,465	44	100	51	11,366	45	2.9	3.2 *	36	2.9	08	3.1	33
		4	Very often	8	25	1,210	36	45	23	8,573	34		▼					
			Total	32	100	3,337	100	197	100	25,030	100							
b. Reviewed your notes	LSnotes	1	Never	1	3	143	4	9	5	1,177	5							
after class		2	Sometimes	8	25	894	27	50	26	7,230	29							
		3	Often	12	38	1,157	35	79	40	8,818	35	3.0	3.0	.05	2.9	.10	2.9	.12
		4	Very often	11	34	1,131	34	58	30	7,768	31							
			Total	32	100	3,325	100	196	100	24,993	100							
c. Summarized what you	LSsummary	1	Never	1	3	180	5	10	5	1,442	6							
learned in class or from		2	Sometimes	12	38	920	28	56	29	7,452	30							
course materials		3	Often	7	22	1,243	38	90	46	9,292	38	2.9	2.9	.04	2.8	.16	2.8	.10
		4	Very often	12	38	952	29	38	20	6,545	26							
			Total	32	100	3,295	100	194	100	24,731	100							
<b>10. During the current</b>	school year, to	what ex	tent have your courses	s challenged y	ou to	do your best	t wor	k?										
	challenge	1	Not at all	0	0	19	1	1	1	133	1							
		2		0	0	36	1	2	1	272	1							
		3		2	6	100	3	9	5	862	3							
		4		3	9	361	11	29	15	2,668	11	5.5	5.5	01	5.4	.14	5.5	.05
		5		10	31	1,072	32	64	33	8,646	35							
		6		10	31	922	28	51	26	7,389	30							
		7	Very much	7	22	816	25	38	20	5,046	20							
			Total	32	100	3,326	100	194	100	25,016	100							
11. Which of the follow	ving 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	13	437	13	29	15	2,661	11							
internship, co-op, field	(Means indicate		Do not plan to do	1	3	324	10	17	9	1,546	6							
experience, student teaching, or clinical	the percentage		Plan to do	21	68	2,273	68	137	70	18,742	75	16%	9%	.22	7%	.29	8%	.24
placement	who responded		Done or in progress	5	16	300	9	14	7	2,126	8							
-	"Done or in progress.")		Total	31	100	3,334	100	197	100	25,075	100							



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

First-Year Stu	dents <sup>a</sup> in				Frequen	icy D	istribution	S				Sta	atistical	Comparis	ons <sup>k</sup>		
Business													Your f	ïrst-year stude	nts compo	ared with	
			Tennessee T	och	Carnegie Cla	200	THEC Door C		NSSE 2015 2016	5&	Tennessee Tech	Carneg	io Class	THEC Peer	Group	NSSE 2015	- 9. 2016
Item wording	Variable		Termessee	ecn	Carriegie Cia	d55	THEC PEELO	oup	2010			Carrieg	Effect	THECPEE	Effect	N33E 2013	Effect
or description	name <sup>1</sup>	Values <sup>m</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size"
b. Hold a formal	leader	Have not decided	7	23	911	27	48	24	5,972	24							
leadership role in a student organization or	(Means indicate	Do not plan to do	3	10	837	25	61	31	4,989	20							
group	the percentage	Plan to do	17	55	1,198	36	71	36	10,705	43	13%	11%	.04	9%	.14	13%	01
5 1	who responded "Done or in	Done or in progress	4	13	382	11	17	9	3,333	13							
	progress.")	Total	31	100	3,328	100	197	100	24,999	100							
c. Participate in a learning	learncom	Have not decided	10	32	1,022	31	50	25	7,403	30							
community or some	(Means indicate	Do not plan to do	8	26	924	28	68	35	6,821	27							
other formal program where groups of	the percentage	Plan to do	8	26	916	28	55	28	7,156	29	16%	14%	.06	12%	.11	14%	.05
students take two or	who responded	Done or in progress	5	16	465	14	24	12	3,594	14							
more classes together	"Done or in progress.")	Total	31	100	3,327	100	197	100	24,974	100							
d. Participate in a study	abroad	Have not decided	9	29	865	26	59	30	6,071	24							
abroad program	(Means indicate	Do not plan to do	10	32	1,103	33	75	38	6,361	25							
	the percentage	Plan to do	9	29	1,225	37	57	29	11,477	46	10%	4%	.24	3% *	.31	4%	.22
	who responded	Done or in progress	3	10	124	4	5	3	1,049	4							
	"Done or in progress.")	Total	31	100	3,317	100	196	100	24,958	100							
e. Work with a faculty	research	Have not decided	13	43	1,294	39	73	38	9,616	39							
member on a research	(Means indicate	Do not plan to do	10	33	1,036	31	68	35	7,199	29							
project	the percentage	Plan to do	6	20	847	26	43	22	6,936	28	3%	4%	04	5%	09	5%	06
	who responded	Done or in progress	1	3	135	4	10	5	1,124	5							
	"Done or in progress.")	Total	30	100	3,312	100	194	100	24,875	100							
f. Complete a culminating	capstone	Have not decided	9	29	1,189	36	70	36	8,189	33							
senior experience	(Means indicate	Do not plan to do	5	16	485	15	31	16	3,082	12							
(capstone course, senior project or thesis,	the percentage	Plan to do	14	45	1,547	47	92	47	12,956	52	10%	3% *	.29	2% *	.35	3% *	.30
comprehensive exam,	who responded	Done or in progress	3	10	98	3	4	2	684	3		Δ				Δ	
portfolio, etc.)	"Done or in progress.")	Total	31	100	3,319	100	197	100	24,911	100							
12. About how many of	•	this institution have inclu	Ũ		1 0		0,	12	11.140								
	servcourse	1 None	16	50	1,554	47	83	42	11,448	46							
		2 Some	14	44	1,409	43	99 12	51	11,121	45	1.6	1.7	10	17	14	1.6	10
		3 Most 4 All	2 0	6 0	286 58	9 2	13	7 1	1,892 357	8 1	1.0	1.7	13	1.7	14	1.6	12
		4 All Total	0 32	100	58 3,307	2 100	1 196	100	24,818	100							
		10(a)	52	100	5,507	100	190	100	24,010	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stu	ıdents <sup>a</sup> in			Freq	uency	Distributior	าร				Sta	atistical	l Comparis	ons <sup>k</sup>		
Business												Your j	first-year stude	nts compo	red with	
			Tennessee Tec	h Carneg	o Class	THEC Peer G	Sroup	NSSE 2015 2016	5&	Tennessee Tech	Carnegi	ia Class	THEC Peer	Group	NSSE 2015	5 & 2016
Item wording	Variable		Tennessee rec	Carrieg	e class	THECTEER	Jioup	2010			Carriegi	Effect	THECTEE	Effect	NJJL 2013	Effect
or description	name'	Values <sup>m</sup> Response options	Count	% Co	nt 9	6 Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
13. Indicate the quality	y of your interac	tions with the following pe	ople at your institu	tion.												
a. Students	QIstudent	1 Poor	0	0	68 2	2 3	2	407	2							
		2	1	3	77 2	2 6	3	487	2							
		3	1	3 1	76 :	5 14	7	1,149	5							
		4	2	6 3	53 1	1 28	14	2,548	10							
		5	9	28 8	39 2:	5 54	28	5,975	24	5.8	5.5	.19	5.3	.35	5.6	.15
		6	7	22 8	13 24	4 43	22	7,011	28							
		7 Excellent	12	38 9	73 2	9 46	23	7,324	29							
		<ul> <li>Not applicable</li> </ul>	0	0	51 2	2 2	1	212	1							
		Total	32 1	00 3,3	50 10	0 196	100	25,113	100							
b. Academic advisors	QIadvisor	1 Poor	0	0 1	35 4	4 11	6	933	4							
		2	0	0 1	59	5 14	7	1,236	5							
		3	3	9 2	50 7	7 13	7	1,964	8							
		4	2	6 3	68 1	1 17	9	3,129	12							
		5	5	16 6	54 20	0 49	25	5,068	20	5.9	5.3 *	.40	5.1 *	.48	5.2 *	.45
		6	6	19 é	84 20	0 37	19	5,347	21							
		7 Excellent	16	50 1,0	24 3	1 56	28	6,899	28							
		<ul> <li>Not applicable</li> </ul>	0	0	64 2	2 0	0	488	2							
		Total	32 1	00 3,3	38 10	0 197	100	25,064	100							
c. Faculty	QIfaculty	1 Poor	0	0	89 .	3 7	4	478	2							
		2	0	0 1	02 .	3 15	8	742	3							
		3	2	6 2	08	6 17	9	1,521	6							
		4	2	6 3	91 12	2 14	7	3,311	13							
		5	9	28 8	27 2:	5 51	26	6,361	25	5.8	5.3	.30	5.1 *	.42	5.3	.32
		6	8	25 8	49 20	6 51	26	6,810	27							
		7 Excellent	11	34 8	04 24	4 42	21	5,478	22							
		<ul> <li>Not applicable</li> </ul>	0	0	52 2	2 0	0	251	1							
		Total	32 1	00 3,3	22 10	0 197	100	24,952	100							



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

Business         Note: The interaction of the intera	First-Year Stud	dents <sup>a</sup> in					Frequen	cy D	istributions					Sta	atistical	Compariso	ons <sup>k</sup>		
image         image <th< th=""><th>Business</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Your f</th><th>first-year studen</th><th>ts compo</th><th>ired with</th><th></th></th<>	Business														Your f	first-year studen	ts compo	ired with	
$ \begin{array}{  c                                  $					Tennessee ]	Tech	Carnegie Cla	155	THEC Peer Gro	nun		&	Tennessee Tech	Carneg	ie Class	THEC Peer	Group	NSSE 2015	5 & 2016
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Item wording	Variable					earriegie eia			, ab	2010			earrieg					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	or description		Values'										Mean	Mean	size "	Mean	size "	Mean	size "
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		QIstaff	1	Poor															
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	· · · · · · · · · · · · · · · · · · ·				0	0													
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	,		3		1						1,793								
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $			4		6	19	368	11	24	12	3,286	13							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			5		5	16	619	19	41	21	5,146	21	5.7	5.0 *	.43	4.7 ***	.56	5.0 *	.43
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			6		6	19	641	19	25	13	5,359	21							
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			7	Excellent	12	38	652	20	39	20	4,865	19							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			—	Not applicable	2	6	489	15	22	11	2,273	9							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Total	32	100	3,322	100	195	100	24,989	100							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	e. Other administrative	QIadmin	1	Poor	0	0	178	5	20	10	1,167	5							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			2		0	0	201	6	16	8	1,375	5							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			3		2	6	248	7	15	8	1,910	8							
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	etc.)		4		3	10	429	13	25	13	3,484	14							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			5		9	29	722	22	46	24	5,366	21	5.5	5.0 *	.32	4.6 **	.48	5.0	.33
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			6		8	26	614	18	32	16	5,246	21				<b>A</b>			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			7	Excellent	7	23	737	22	40	21	4,943	20							
<b>14. How much does your institution emphasize the following?</b> a. Spending significant amounts of time studying and on academic work1Very little00582843942 $3.0$ 3. Quite a bit13411,55747964911,790473.03.1213.0103.225 $academic work4Very much9281,1283459308.695353.03.1213.0103.225b.Providing support tohelp students succeedacademically3Quite a bit11341.28639773910.261414Very much12381,1893666348,708353.1.033.0.123.1.02c.Using learning supportSElearnsup1Very little1318251681,3635c.Using learning supportSElearnsup1Very inuch18251681,3635c.Using learning supportSElearnsup1Very much9281,1753571369,13637c.Using learning supportSElearnsup1Very much9281,3484170369,80639c.Using learning supportSElearnsup1Very much9<$			_	Not applicable	2	6	202	6	1	1	1,538	6							
a. Spending significant amounts of time studying and on academic workiVery little005828439422Some10315861834174,086163Quite a bit13411,55747964911,790474Very much9281,1283459308,695355Total321003,32910010024,965100b. Providing support to help students succeed academicallySecademic1Very little00155417989944Very much2Some9286922136184,941205No3Quite a bit11341,28639773910,261416Very much12381,18936666348,708353571013.21003,30210019610024,8091003,13,01,123,1.026Very much12381,18936666348,7083535353535353536				Total	31	100	3,331	100	195	100	25,029	100							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	14. How much does your	r institution en	nphasize	e the following?															
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	a. Spending significant	empstudy	1	Very little	0	0	58	2	8	4	394	2							
academic work       3       Quite a bit       15       41       1,53       47       50       49       11,790       47       5.0       5.1       5.0       5.0       5.0       5.1       5.0 <td></td> <td></td> <td>2</td> <td>Some</td> <td>10</td> <td>31</td> <td>586</td> <td>18</td> <td>34</td> <td>17</td> <td>4,086</td> <td>16</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			2	Some	10	31	586	18	34	17	4,086	16							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			3	Quite a bit	13	41	1,557	47	96	49	11,790	47	3.0	3.1	21	3.0	10	3.2	25
b. Providing support to help students succeed academic 1 Very little 0 0 0 135 4 17 9 899 4 help students succeed academically 3 Quite a bit 11 34 1,286 39 77 39 10,261 41 4 Very much 12 38 1,189 36 66 34 8,708 35 Total 32 100 3,302 100 196 100 24,809 100 c. Using learning support SElearnsup 1 Very little 1 3 182 5 16 8 1,363 5 services (tutoring services, writing 2 Some 6 19 606 18 40 20 4,525 18 services, writing center, etc.) 4 Very much 9 28 1,348 41 70 36 9,806 39 30 3.109 3.0 .04 3.108	academic work		4	Very much	9	28	1,128	34	59	30	8,695	35							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Total	32	100	3,329	100	197	100	24,965	100							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	b. Providing support to	SEacademic	1	Very little	0	0	135	4	17	9	899	4							
c.       Using learning support services, writing center, etc.)       Some       6       11       34       1,260       39       11       39       10,201       41       5.1       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0       5.0       5.1       5.0	help students succeed		2	Some	9	28	692	21	36	18	4,941	20							
Total       32       100       3,302       100       196       100       24,809       100         c.       Using learning support services (tutoring services, writing center, etc.)       SElearnsup       1       Very little       1       3       182       5       16       8       1,363       5         services (tutoring services, writing center, etc.)       2       Some       6       19       606       18       40       20       4,525       18         4       Very much       9       28       1,175       35       71       36       9,136       37         3       Quite a bit       16       50       1,175       35       71       36       9,806       39         4       Very much       9       28       1,348       41       70       36       9,806       39	academically		3	Quite a bit	11	34	1,286	39	77	39	10,261	41	3.1	3.1	.03	3.0	.12	3.1	.02
c.       Using learning support services (tutoring       SElearnsup       1       Very little       1       3       182       5       16       8       1,363       5         services (tutoring       2       Some       6       19       606       18       40       20       4,525       18         services, writing center, etc.)       3       Quite a bit       16       50       1,175       35       71       36       9,136       37         4       Very much       9       28       1,348       41       70       36       9,806       39			4	Very much	12	38	1,189	36	66	34	8,708	35							
services (tutoring services, writing center, etc.)       2       Some       6       19       606       18       40       20       4,525       18         3       Quite a bit       16       50       1,175       35       71       36       9,136       37         4       Very much       9       28       1,348       41       70       36       9,806       39				Total	32	100	3,302	100	196	100	24,809	100							
services, writing center, etc.)     3     Quite a bit     16     50     1,175     35     71     36     9,136     37       4     Very much     9     28     1,348     41     70     36     9,806     39	c. Using learning support	SElearnsup	1	Very little	1	3	182	5	16	8	1,363	5							
center, etc.)     3     Quite a bit     16     50     1,175     35     71     36     9,156     57     5.0     5.1    09     5.0     .04     5.1    08       4     Very much     9     28     1,348     41     70     36     9,806     39		-	2	-	6	19	606	18	40	20	4,525	18							
4         Very much         9         28         1,348         41         70         36         9,806         39			3	Quite a bit	16	50	1,175	35	71	36	9,136	37	3.0	3.1	09	3.0	.04	3.1	08
	center, etc.)		4	-								39							
				•	32	100	3,311	100	197	100	24,830	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stud	dents <sup>a</sup> in					Frequen	cy D	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business										NSSE 2015				Your f	irst-year stud	ents compo	ared with	
				Tennessee 1	Tech	Carnegie Cla	226	THEC Peer G	roun	NSSE 2015 2016	ο άλ	Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 2015	5 & 2016
Item wording	Variable			Termessee	Cerr	curricgie eie	100		ioup	2010			curres	Effect	11120100	Effect	10002 2013	Effect
or description	name'	Values'		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size "
<ul> <li>Encouraging contact among students from</li> </ul>	SEdiverse	1	Very little	0	0	369	11	34	17	2,667	11							
different backgrounds		2	Some	18	56	929	28	53	27	7,058	28							
(social, racial/ethnic,		3	Quite a bit	8	25	1,075	32	68	35	8,563	34	2.6	2.8	16	2.6	.03	2.8	15
religious, etc.)		4	Very much	6	19	935	28	41	21	6,586	26							
			Total	32	100	3,308	100	196	100	24,874	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	6	283	9	21	11	1,468	6							
to be involved socially		2	Some	6	19	832	25	44	22	5,618	23	2.0						
		3	Quite a bit	15	47	1,179	36	72	37	9,568	39	3.0	2.9	.09	2.9	.11	3.0	02
		4	Very much	9	28	1,011	31	60	30	8,196	33							
a			Total	32	100	3,305	100	197	100	24,850	100							
<ul> <li>f. Providing support for your overall well-being</li> </ul>	SEwellness	1	Very little	2	6	313	9	19	10	1,755	7							
(recreation, health care,		2	Some	11	34	844	25	48	25	5,803	23							
counseling, etc.)		3	Quite a bit	11	34	1,170	35	71	36	9,495	38	2.8	2.9	08	2.9	07	2.9	17
		4	Very much	8	25	986	30	57	29	7,792	31							
			Total	32	100	3,313	100	195	100	24,845	100							
<ul> <li>g. Helping you manage your non-academic</li> </ul>	SEnonacad	1	Very little	7	22	701	21	51	26	4,697	19							
responsibilities (work,		2	Some	17	53	1,126	34	67	34	8,542	34	. 1						
family, etc.)		3	Quite a bit	6	19	945	29	52	26	7,452	30	2.1	2.4 *	31	2.3	19	2.4 *	36
		4	Very much	2	6	540	16	27	14	4,150	17		▼				▼	
			Total	32	100	3,312	100	197	100	24,841	100							
<ul> <li>Attending campus activities and events</li> </ul>	SEactivities	1	Very little	0	0	575	17	21	11	2,343	9							
(performing arts,		2	Some	9	28	787	24	46	23	5,911	24	2.0						
athletic events, etc.)		3	Quite a bit	14	44	1,054	32	75	38	9,241	37	3.0	2.7 *	.31	2.8	.18	2.9	.14
		4	Very much	9	28	881	27	55	28	7,304	29							
			Total	32	100	3,297	100	197	100	24,799	100							
<ol> <li>Attending events that address important</li> </ol>	SEevents	1	Very little	3	9	703	21	35	18	3,492	14							
social, economic, or		2	Some	17	53	1,006	30	71	36	7,963	32	2.4						
political issues		3	Quite a bit	8	25	971	29	56	29	8,249	33	2.4	2.5	05	2.4	04	2.6	20
		4	Very much	4	13	619	19	33	17	5,049	20							
			Total	32	100	3,299	100	195	100	24,753	100							



**Frequencies and Statistical Comparisons: Business** 

<b>First-Year Stu</b>	dents <sup>a</sup> in					Frequer	ncy D	istribution	IS				St	atistical	Comparis	sons <sup>k</sup>		
Business										NSSE 2015	<u>.</u>			Yourj	first-year stud	ents compo	ared with	
				Tennessee 1	Геch	Carnegie C	lass	THEC Peer G	roup	2016	JQ	Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable												8	Effect		Effect		Effect
or description	name'		Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
15. About how many he				ng the follow														
a. Preparing for class	tmprephrs	0	0 hrs	1	3	30	1	2	1	138	1							
(studying, reading, writing, doing	(Recoded version	3	1-5 hrs	4	13	471	14	32	16	3,430	14							
homework or lab work,	of tmprep created	8	6-10 hrs	6	19	833	25	54	28	6,256	25							
analyzing data,	by NSSE. Values	13	11-15 hrs	5	16	737	22	45	23	5,731	23							
rehearsing, and other	are estimated number of hours	18	16-20 hrs	7	22	646	19	27	14	4,717	19	15.9	13.7	.27	13.0	.35	13.8	.27
academic activities)	per week.)	23	21-25 hrs	1	3	316	9	19	10	2,516	10							
	per week.)	28	26-30 hrs	6	19	162	5	10	5	1,223	5							
		33	More than 30 hrs	2	6	137	4	7	4	993	4							
			Total	32	100	3,332	100	196	100	25,004	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	11	34	1,355	41	79	40	7,095	29							
curricular activities	(Recoded version	3	1-5 hrs	7	22	895	27	51	26	7,711	31							
(organizations, campus	of tmcocurr	8	6-10 hrs	8	25	437	13	27	14	4,401	18							
publications, student government, fraternity	created by NSSE.	13	11-15 hrs	3	9	287	9	11	6	2,585	10							
or sorority,	Values are	18	16-20 hrs	1	3	189	6	13	7	1,674	7	5.9	5.2	.09	6.1	03	6.4	07
intercollegiate or	estimated number	23	21-25 hrs	2	6	83	3	6	3	757	3							
intramural sports, etc.)	of hours per week.)	28	26-30 hrs	0	0	22	1	3	2	274	1							
	week.)	33	More than 30 hrs	0	0	47	1	7	4	383	2							
			Total	32	100	3,315	100	197	100	24,880	100							
c. Working for pay	tmworkonhrs	0	0 hrs	24	75	2,679	81	164	83	19,174	77							
on campus	(Recoded version	3	1-5 hrs	2	6	98	3	4	2	1,097	4							
	of tmworkon	8	6-10 hrs	4	13	162	5	9	5	1,979	8							
	created by NSSE.	13	11-15 hrs	1	3	176	5	11	6	1,327	5							
	Values are	18	16-20 hrs	0	0	138	4	7	4	893	4	2.5	2.5	01	2.1	.08	2.6	02
	estimated number	23	21-25 hrs	0	0	35	1	1	1	238	1							
	of hours per	28	26-30 hrs	1	3	12	0	1	1	83	0							
	week.)	33	More than 30 hrs	0	0	26	1	0	0	142	1							
		55	Total	32	100	3,326	100	197	100	24,933	100							
			10(4)	32	100	5,520	100	197	100	24,933	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stu	dents <sup>a</sup> in					Frequen	cy D	istribution	s				St		Comparis			
Business														Your f	irst-year stud	ents compo	ared with	
				Tennessee 1	Tach	Carnegie Cla				NSSE 2015 2016	ð &	Tennessee Tech	Carao	gie Class	THEC Pee	r Crown	NSSE 201	F 9 2016
Item wording	Variable			Tennessee	lech	Carriegie Cia	155	I HEC Peer G	oup	2016		Termessee Tech	Carneg	Effect	THEC Pee	Effect	NSSE 201	Effect
or description	name <sup>1</sup>	Values"	<sup>1</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
d. Working for pay	tmworkoffhrs	0	0 hrs	19	61	1,898	57	115	59	16,323	66							
off campus	(Recoded version	3	1-5 hrs	2	6	145	4	7	4	1,177	5							
	of tmworkoff	8	6-10 hrs	2	6	200	6	13	7	1,384	6							
	created by NSSE.	13	11-15 hrs	0	0	169	5	8	4	1,225	5							
	Values are	18	16-20 hrs	5	16	178	5	11	6	1,336	5	6.5	8.9	19	8.4	16	6.2	.02
	estimated number	23	21-25 hrs	0	0	126	4	9	5	953	4							
	of hours per week.)	28	26-30 hrs	2	6	115	3	9	5	597	2							
	week.y	33	More than 30 hrs	1	3	481	15	23	12	1,864	7							
			Total	31	100	3,312	100	195	100	24,859	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous variable created by NSSE)											8.8	11.3	19	10.4	13	8.7	.00
e. Doing community	tmservicehrs	0	0 hrs	21	66	1,775	54	101	52	13,373	54							
service or volunteer	(Recoded version	3	1-5 hrs	8	25	1,060	32	67	34	8,261	33							
work	of tmservice	8	6-10 hrs	2	6	223	7	13	7	1,618	7							
	created by NSSE.	13	11-15 hrs	0	0	103	3	3	2	719	3							
	Values are	18	16-20 hrs	0	0	68	2	6	3	433	2	2.1	2.8	14	3.1	18	2.6	10
	estimated number	23	21-25 hrs	0	0	27	1	3	2	166	1							
	of hours per	28	26-30 hrs	1	3	17	1	1	1	65	0							
	week.)	33	More than 30 hrs	0	0	23	1	2	1	92	0							
			Total	32	100	3,296	100	196	100	24,727	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	2	6	113	3	4	2	484	2							
socializing (time with	(Recoded version	3	1-5 hrs	5	16	799	24	43	22	5,012	20							
friends, video games,	of tmrelax created	8	6-10 hrs	10	31	905	27	59	30	6,798	27							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	3	9	607	18	36	18	5,232	21							
up with friends online,	are estimated	18	16-20 hrs	6	19	404	12	17	9	3,440	14	12.8	11.5	.15	12.2	.07	12.3	.06
etc.)	number of hours	23	21-25 hrs	2	6	231	7	16	8	1,732	7							
	per week.)	28	26-30 hrs	2	6	88	3	9	5	764	3							
		33	More than 30 hrs	2	6	172	5	12	6	1,409	6							
			Total	32	100	3,319	100	196	100	24,871	100							



**Frequencies and Statistical Comparisons: Business** 

<b>First-Year Stu</b>	dents <sup>a</sup> in					Frequen	icy D	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business														Your f	irst-year stude	ents compo	ared with	
				_						NSSE 2015	5&	<b>TT</b>	_			_		
	Mariahla			Tennessee T	Fech	Carnegie Cla	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	gie Class	THEC Pee		NSSE 201	
Item wording or description	Variable name <sup>I</sup>	Values'	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
g. Providing care for	tmcarehrs	0	0 hrs	27	84	2,064	63		71	18,044	73							
dependents (children,	(Recoded version	3	1-5 hrs	0	0	408	12	18	9	2,703	11							
parents, etc.)	of tmcare created	8	6-10 hrs	1	3	199	6	9	5	1,264	5							
	by NSSE. Values	13	11-15 hrs	1	3	152	5	6	3	799	3							
	are estimated	18	16-20 hrs	0	0	84	3	5	3	531	2	3.6	5.6	20	4.6	10	3.4	.03
	number of hours	23	21-25 hrs	0	0	53	2	5	3	261	1							
	per week.)	28	26-30 hrs	1	3	36	1	1	1	147	1							
		33	More than 30 hrs	2	6	304	9	14	7	1,078	4							
			Total	32	100	3,300	100	197	100	24,827	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	7	22	1,531	46	69	35	10,778	43							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	16	50	1,116	34	83	42	9,169	37							
	of tmcommute	8	6-10 hrs	6	19	362	11	17	9	2,772	11							
	created by NSSE.	13	11-15 hrs	1	3	141	4	10	5	1,058	4							
	Values are	18	16-20 hrs	1	3	78	2	8	4	549	2	4.8	3.6	.21	4.6	.03	3.6	.22
	estimated number of hours per	23	21-25 hrs	0	0	37	1	4	2	233	1							
	week.)	28	26-30 hrs	1	3	12	0	2	1	92	0							
		33	More than 30 hrs	0	0	43	1	3	2	263	1							
			Total	32	100	3,320	100	196	100	24,914	100							
16. Of the time you spe	and preparing for	· class i	n a typical 7-day week	, about how i	nuch	is on assigne	d rea	ding?										
for of the time you spe	reading	1	Very little	8	25	283	9	30	15	2,175	9							
	0	2	Some	6	19	265 953	29	66	34	7,567	30							
	(Revised for 2014. Comparison data	3	About half	10	31	1,046	32	53	27	8,081	33	2.6	2.9	31	2.7	07	2.9	26
	are limited to	4	Most	7	22	765	23	33	17	5,300	21	2.0	2.9	51	2.7	07	2.9	20
	NSSE 2014	5	Almost all	1	3	270	8	14	7	1,719	7							
	participating	5	Total	1														
	institutions.)		Totai	32	100	3,317	100	196	100	24,842	100							
	tmreadinghrs																	
	Ũ																	
			ated as a proportion									7.8	7.0	.13	5.9	.31	6.8	.17
	t half=.50; Most=.75		ttle=.10; Some=.25;															
Abbu	. may = . 50, most = . 75	, 111103	un=.>0)															
												-						



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

First-Year Stu	udents <sup>a</sup> in					Frequen	cy Di	istribution	s				Sta	atistical	Comparis	sons <sup>k</sup>		
Business												-		Your f	irst-year stud	ents compo	ared with	
				Tennessee 1	Toch	Carnegie Cla		THEC Door G	oun	NSSE 2015 2016	&	Tennessee Tech	Carneg	io Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable			Tennessee	lech	carriegie cia	435	THECT EEF G	oup	2010			carrieg	Effect	meeree	Effect	NJJL 201.	Effect
or description	name'	Values'		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
	tmreadinghrscol	1	0 hrs	1	3	27	1	2	1	126	1							
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	14	44	1,586	48	112	57	12,073	49							
	created by NSSE.)	3	More than 5, up to 10 hrs	8	25	969	29	51	26	7,444	30							
		4	More than 10, up to 15 hrs	4	13	351	11	13	7	2,632	11							
		5	More than 15, up to 20 hrs	2	6	185	6	9	5	1,270	5							
		6	More than 20, up to 25 hrs	2	6	121	4	4	2	860	3							
		7	More than 25 hrs	1	3	61	2	4	2	318	1							
			Total	32	100	3,300	100	195	100	24,723	100							
17. How much has you	ır experience at tł	nis inst	itution contributed to	your knowled	lge, sł	ills, and pers	sonal o	developmen	t in th	e following	areas?	?						
a. Writing clearly and	pgwrite	1	Very little	2	6	158	5	12	6	1,463	6							
effectively		2	Some	12	38	742	22	47	24	6,050	24							
		3	Quite a bit	13	41	1,383	42	81	41	10,737	43	2.7	3.0 *	40	2.9	31	2.9	30
		4	Very much	5	16	1,042	31	57	29	6,773	27		▼					
			Total	32	100	3,325	100	197	100	25,023	100							
b. Speaking clearly and	pgspeak	1	Very little	3	9	246	7	18	9	2,041	8							
effectively		2	Some	9	28	891	27	57	29	6,858	27							
		3	Quite a bit	15	47	1,290	39	67	34	9,940	40	2.7	2.9	18	2.8	13	2.8	13
		4	Very much	5	16	896	27	55	28	6,110	24							
			Total	32	100	3,323	100	197	100	24,949	100							
c. Thinking critically and	pgthink	1	Very little	0	0	92	3	7	4	781	3							
analytically		2	Some	10	31	676	20	43	22	4,822	19	• •						
		3	Quite a bit	14	44	1,361	41	80	41	11,032	44	2.9	3.1	20	3.1	14	3.1	18
		4	Very much	8	25	1,195	36	67	34	8,340	33							
			Total	32	100	3,324	100	197	100	24,975	100							
<ul> <li>Analyzing numerical and statistical</li> </ul>	pganalyze	1	Very little	3	9	335	10	16	8	2,160	9							
information		2	Some	8	25	1,013	31	52	26 20	7,384	30	2.0			• •		• •	
		3	Quite a bit	15	47	1,184	36	77	39 26	9,722	39 22	2.8	2.7	.02	2.8	10	2.8	01
		4	Very much	6	19	785	24	52	26	5,683	23							
			Total	32	100	3,317	100	197	100	24,949	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stud	dents <sup>a</sup> in					Frequer	ncy D	istribution	S				Sta	atistical	Comparis	sons <sup>k</sup>		
Business														Your f	first-year stude	ents compo	ared with	
				Tennessee 1	Tach	Carpogia Cl	200	THEC Peer G	roup	NSSE 2015 2016	8	Tennessee Tech	Carnegi	io Class	THEC Pee	r Group	NSSE 2015	9. 2016
Item wording	Variable			Tennessee	rech	Carriegie Ci	d55	THEC Peer G	roup	2016		Telinessee Teen	Carnegi	Effect	THEC Pee	Effect	NSSE 2013	Effect
or description	name'	Values'	<sup>n</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size "	Mean	size"
e. Acquiring job- or work-	pgwork	1	Very little	3	9	394	12	18	9	2,515	10							
related knowledge and skills		2	Some	15	47	952	29	64	32	7,162	29							
SKIIIS		3	Quite a bit	8	25	1,142	34	73	37	9,192	37	2.5	2.7	20	2.7	19	2.8	24
		4	Very much	6	19	839	25	42	21	6,114	24							
			Total	32	100	3,327	100	197	100	24,983	100							
f. Working effectively	pgothers	1	Very little	3	9	240	7	18	9	1,533	6							
with others		2	Some	10	31	830	25	51	26	6,504	26							
		3	Quite a bit	11	34	1,285	39	78	40	10,074	40	2.8	2.9	16	2.8	06	2.9	16
		4	Very much	8	25	961	29	49	25	6,812	27							
			Total	32	100	3,316	100	196	100	24,923	100							
g. Developing or	pgvalues	1	Very little	6	19	338	10	22	11	2,400	10							
clarifying a personal		2	Some	13	41	867	26	64	33	6,819	27							
code of values and ethics		3	Quite a bit	8	25	1,179	36	61	31	9,417	38	2.4	2.8 **	46	2.7	33	2.8 *	44
ethes		4	Very much	5	16	936	28	49	25	6,323	25		▼				▼	
			Total	32	100	3,320	100	196	100	24,959	100							
h. Understanding people	pgdiverse	1	Very little	5	16	319	10	32	16	2,285	9							
of other backgrounds		2	Some	13	41	900	27	45	23	7,137	29							
(economic, racial/ethnic, political,		3	Quite a bit	9	28	1,186	36	69	35	9,112	36	2.4	2.8 *	40	2.7	25	2.8 *	38
religious, nationality,		4	Very much	5	16	924	28	49	25	6,444	26		▼				•	
etc.)			Total	32	100	3,329	100	195	100	24,978	100							
i. Solving complex real-	pgprobsolve	1	Very little	8	25	381	11	20	10	2,632	11							
world problems		2	Some	12	38	1,013	30	71	36	7,895	32							
		3	Quite a bit	7	22	1,196	36	65	33	9,202	37	2.3	2.7 *	43	2.6 *	39	2.7 *	44
		4	Very much	5	16	733	22	41	21	5,245	21		•		▼		▼	
			Total	32	100	3,323	100	197	100	24,974	100							
j. Being an informed and	pgcitizen	1	Very little	7	22	403	12	32	16	2,795	11							
active citizen		2	Some	11	34	1,011	31	64	33	7,628	31							
		3	Quite a bit	9	28	1,167	35	58	30	9,050	36	2.4	2.7	31	2.6	18	2.7	33
		4	Very much	5	16	721	22	41	21	5,359	22							
			Total	32	100	3,302	100	195	100	24,832	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stu	udents <sup>a</sup> in					Freque	ncy D	istribution	IS				St	atistical	l Comparis	ons <sup>k</sup>		
Business														Your j	first-year stude	nts compo	ared with	
Dusiliess										NSSE 2015	5 &							
				Tennessee	Tech	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Peer	Group	NSSE 2015	5 & 2016
Item wording or description	Variable name <sup>I</sup>	Values	<sup>n</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
18. How would you ev	valuate your enti	re educa	tional experience at th	is institution	?													
	evalexp	1	Poor	0	0	70	2	10	5	468	2							
		2	Fair	1	3	411	12	25	13	3,031	12							
		3	Good	15	47	1,625	49	101	51	12,197	49	3.5	3.2 *	.36	3.1 **	.50	3.2 *	.35
		4	Excellent	16	50	1,238	37	61	31	9,404	37							
			Total	32	100	3,344	100	197	100	25,100	100							
19. If you could start	over again, woul	d you go	o to the same institution	n you are no	w atte	ending?												
	sameinst	1	Definitely no	1	3	142	4	10	5	1,036	4							
		2	Probably no	1	3	450	13	27	14	3,310	13							
		3	Probably yes	12	38	1,382	41	83	42	10,485	42	3.5	3.2	.34	3.2 *	.38	3.2	.33
		4	Definitely yes	18	56	1,375	41	77	39	10,304	41							
			Total	32	100	3,349	100	197	100	25,135	100							



**Frequencies and Statistical Comparisons: Business** 

Business						riequei	ncy L	istribution	S				Sta	tistical	Comparis	ons		
										NCCE 2015	- 0				Your seniors co	ompared v	vith	
				Tennessee 1	ach	Carnegie Cl	200	THEC Peer G	roun	NSSE 2015 2016	οŭ	Tennessee Tech	Carnegie	Class	THEC Peer	r Group	NSSE 2015	\$ 2016
Item wording	Variable			Tennessee	ech	carriegie ci	1035	THECT EEF G	Toup	2010			Carriegie	Effect	THECTEE	Effect	N35L 2013	Effect
or description	name '	Values"	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
1. During the current so	chool year, abou	t how o	ften have you done th	e following?														
a. Asked questions or	askquest	1	Never	1	2	108	2	2	1	758	2							
contributed to course		2	Sometimes	21	45	1,238	21	71	28	8,705	23							
discussions in other		3	Often	12	26	1,730	29	72	28	12,390	32	2.8	3.2 ***	53	3.1 *	41	3.2 **	45
ways		4	Very often	13	28	2,832	48	110	43	16,750	43		▼		▼		▼	
			Total	47	100	5,908	100	255	100	38,603	100							
b. Prepared two or more	drafts	1	Never	12	25	989	17	40	16	7,435	19							
drafts of a paper or		2	Sometimes	20	42	1,869	32	87	34	13,480	35							
assignment before		3	Often	10	21	1,599	27	71	28	10,132	26	2.2	2.6 *	37	2.6 *	35	2.5	25
turning it in		4	Very often	6	13	1,419	24	55	22	7,424	19		•		•			
			Total	48	100	5,876	100	253	100	38,471	100		•		•			
c. Come to class without	unpreparedr	1	Very often	2	4	295	5	9	4	2,274	6							
completing readings or	(Reverse-coded	2	Often	8	17	644	11	31	12	5,139	13							
assignments	version of	3	Sometimes	30	63	2,978	51	135	53	20,827	54	2.9	3.1	26	3.1	28	3.0	12
	unprepared	4	Never	8	17	1,955	33	80	31	10,168	26							
	created by NSSE.)		Total	48	100	5,872	100	255	100	38,408	100							
d. Attended an art exhibit,	attendart	1	Never	19	40	3,138	54	127	51	18,262	48							
play or other arts		2	Sometimes	21	44	1,889	32	85	34	13,824	36							
performance (dance,		3	Often	7	15	569	10	25	10	4,299	11	1.8	1.7	.17	1.7	.10	1.7	.06
music, etc.)		4	Very often	1	2	267	5	14	6	2,000	5							
			Total	48	100	5,863	100	251	100	38,385	100							
e. Asked another student	CLaskhelp	1	Never	4	8	1,172	20	30	12	5,762	15							
to help you understand	-	2	Sometimes	17	35	2,802	48	132	52	17,759	46							
course material		3	Often	22	46	1,337	23	66	26	10,290	27	2.6	2.2 **	.41	2.4	.28	2.4	.26
		4	Very often	5	10	569	10	27	11	4,624	12		<b>A</b>					
			Total	48	100	5,880	100	255	100	38,435	100		_					
f. Explained course	CLexplain	1	Never	1	2	490	8	9	4	2,359	6							
material to one or more	-	2	Sometimes	13	27	2,456	42	102	40	14,732	38							
students		3	Often	28	58	1,953	33	98	38	14,053	37	2.8	2.6 *	.27	2.7	.13	2.7	.15
		4	Very often	6	13	972	17	46	18	7,265	19		Δ					
			Total	48	100	5.871	100	255	100	38,409	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequenc	cy D	istribution	s				Sta	tistical	Compariso	ons <sup>k</sup>		
Business															Your seniors con	npared w	vith	
				Tonnoccoo	Tach	Corposio Cla				NSSE 2015	5&	Tennessee Tech	Corporio	Class		Crown		9 2016
Item wording	Variable			Tennessee	rech	Carnegie Cla	SS	THEC Peer G	roup	2016		Tennessee Tech	Carnegie	Effect	THEC Peer	Effect	NSSE 2015	& 2016 Effect
or description	name <sup>1</sup>	Values'	<sup>m</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
g. Prepared for exams by	CLstudy	1	Never	4	8	1,554	26	44	17	7,717	20							
discussing or working		2	Sometimes	11	23	2,057	35	104	41	13,562	35							
through course material with other students		3	Often	19	40	1,392	24	70	27	10,372	27	2.9	2.3 ***	.62	2.4 ***	.54	2.4 ***	.47
		4	Very often	14	29	878	15	37	15	6,807	18							
			Total	48	100	5,881	100	255	100	38,458	100							
h. Worked with other	CLproject	1	Never	0	0	258	4	9	4	2,139	6							
students on course		2	Sometimes	6	13	1,243	21	81	32	8,498	22							
projects or assignments		3	Often	22	46	2,005	34	86	34	13,451	35	3.3	3.1	.21	2.9 **	.44	3.0	.28
		4	Very often	20	42	2,371	40	79	31	14,374	37							
			Total	48	100	5,877	100	255	100	38,462	100							
i. Given a course	present	1	Never	4	8	955	16	32	13	4,085	11							
presentation		2	Sometimes	12	25	1,318	22	88	35	9,426	25							
		3	Often	20	42	1,768	30	79	31	11,996	31	2.8	2.8	.07	2.6	.22	2.9	05
		4	Very often	12	25	1,830	31	56	22	12,925	34							
			Total	48	100	5,871	100	255	100	38,432	100							
2. During the current sch	1001 vear, abo	ut how o	often have vou done th	e following?														
a. Combined ideas from	RIintegrate	1	Never	2	4	188	3	6	2	1,165	3							
different courses when	-	2	Sometimes	14	29	1,639	28	83	33	10,187	26							
completing assignments		3	Often	25	52	2,367	40	106	42	15,920	41	2.8	2.9	21	2.9	12	3.0	24
		4	Very often	7	15	1,689	29	60	24	11,196	29							
			Total	48	100	5,883	100	255	100	38,468	100							
b. Connected your	RIsocietal	1	Never	3	6	278	5	18	7	1,850	5							
learning to societal		2	Sometimes	19	40	1,750	30	100	39	11,873	31							
problems or issues		3	Often	18	38	2,266	39	94	37	15,023	39	2.6	2.9 *	30	2.6	02	2.8	26
		4	Very often	7	15	1,554	27	42	17	9,525	25		V					
			Total	47	100	5,848	100	254	100	38,271	100							
c. Included diverse	RIdiverse	1	Never	5	10	532	9	37	15	3,658	10							
perspectives (political,		2	Sometimes	25	52	2,111	36	98	39	14,500	38							
religious, racial/ethnic,		3	Often	12	25	1,977	34	78	31	12,823	33	2.4	2.7 *	30	2.5	10	2.6	25
gender, etc.) in course discussions or		4	Very often	6	13	1,252	21	41	16	7,360	19		•					
assignments			Total	48	100	5,872	100	254	100	38,341	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequen	icy D	istribution	S				Sta	tistical	Comparis	ons <sup>k</sup>		
Business											_				Your seniors co	ompared w	vith	
				Tennessee 1	Toch	Carpogia Cl	200	THEC Peer G	roup	NSSE 2015 2016	8	Tennessee Tech	Carnegie	Class	THEC Peer	Group	NSSE 2015	8. 2016
Item wording	Variable			Tennessee	lech	Carriegie Ci	d55	THEC PEELO	loup	2010			Carriegie	Effect	THECPEE	Effect	N33E 2013	Effect
or description	name'	Values <sup>**</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size "	Mean	size "
d. Examined the strengths	RIownview	1	Never	5	10	206	4	15	6	1,629	4							
and weaknesses of your own views on a		2	Sometimes	19	40	1,704	29	87	34	11,751	31							
topic or issue		3	Often	16	33	2,532	43	91	36	16,355	43	2.6	2.9 **	39	2.8	24	2.8 *	33
		4	Very often	8	17	1,429	24	60	24	8,620	22		▼				▼	
			Total	48	100	5,871	100	253	100	38,355	100							
e. Tried to better	RIperspect	1	Never	1	2	158	3	14	6	1,097	3							
understand someone else's views by		2	Sometimes	14	29	1,493	25	77	30	10,531	27							
imagining how an issue		3	Often	27	56	2,612	45	99	39	16,780	44	2.8	3.0	22	2.8	06	2.9	17
looks from his or her		4	Very often	6	13	1,594	27	64	25	9,890	26							
perspective			Total	48	100	5,857	100	254	100	38,298	100							
f. Learned something that	RInewview	1	Never	1	2	118	2	10	4	779	2							
changed the way you		2	Sometimes	21	46	1,639	28	79	31	11,100	29							
understand an issue or		3	Often	21	46	2,498	43	96	38	16,695	44	2.6	3.0 ***	49	2.9 *	38	2.9 **	46
concept		4	Very often	3	7	1,596	27	68	27	9,733	25		V		•		•	
			Total	46	100	5,851	100	253	100	38,307	100							
g. Connected ideas from	RIconnect	1	Never	0	0	45	1	1	0	345	1							
your courses to your		2	Sometimes	10	21	888	15	52	21	6,402	17							
prior experiences and knowledge		3	Often	29	60	2,646	45	103	41	17,159	45	3.0	3.2 *	33	3.2	25	3.2 *	28
Kilowiedge		4	Very often	9	19	2,270	39	96	38	14,292	37		▼				$\nabla$	
			Total	48	100	5,849	100	252	100	38,198	100							
3. During the current scl	hool year, abo	ut how o	often have you done th	e following?														
a. Talked about career	SFcareer	1	Never	10	21	1,718	29	54	21	8,589	22							
plans with a faculty		2	Sometimes	16	34	2,311	39	113	44	15,303	40							
member		3	Often	15	32	1,113	19	47	19	8,628	23	2.4	2.1	.23	2.3	.08	2.3	.06
		4	Very often	6	13	714	12	40	16	5,802	15							
			Total	47	100	5,856	100	254	100	38,322	100							
b. Worked with a faculty	SFotherwork	1	Never	20	42	3,426	59	139	55	18,953	50							
member on activities		2	Sometimes	18	38	1,361	23	63	25	10,420	27							
other than coursework (committees, student		3	Often	9	19	611	10	29	11	5,247	14	1.8	1.7	.15	1.7	.08	1.8	02
groups, etc.)		4	Very often	1	2	439	8	22	9	3,612	9							
			Total	48	100	5,837	100	253	100	38,232	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	S				St	atistical	Compari	sons <sup>k</sup>		
Business										NSSE 2015	5&				Your seniors o	compared v	with	
				Tennessee	Tech	Carnegie C	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable		_											Effect		Effect		Effect
or description c. Discussed course	name <sup>1</sup> SFdiscuss	Values	<sup>m</sup> Response options Never	Count 17	% 35	Count 2,468	% 42	Count 86	% 34	Count 12,511	<u>%</u> 33	Mean	Mean	size <sup>n</sup>	Mean	size "	Mean	size "
topics, ideas, or	SPuiscuss	1	Sometimes	17	35	2,408	36	111	54 44	12,311	33 40							
concepts with a faculty		2	Often	17	27	2,078 864	15	35	14	6,983	18	2.0	1.9	.09	2.0	01	2.0	00
member outside of		4	Very often	13	27	429	13	21	8	3,550	9	2.0	1.9	.09	2.0	01	2.0	09
class		4	Total	48	100	429 5,839	100	21 253	0 100	38,222	100							
d. Discussed your	SFperform	1	Never	48	100	1,716	29	76	30	10,037	26							
academic performance	Srpenomi	2	Sometimes	23	48	2,639	29 45	102	30 41	16,970	20 44							
with a faculty member		2		23 13	48 27	,	43 17				44 20	2.2	•	10		10		00
		3 4	Often Very often	13	27 6	963 517	9	46 27	18 11	7,521 3,667	20 10	4.4	2.0	.18	2.1	.12	2.1	.09
		4	Total		100	5,835	9 100	27	100	38,195	100							
						,	100	251	100	38,195	100							
4. During the current sc	•	w much l	•	mphasized th														
a. Memorizing course	memorize	1	Very little	1	2	552	9	17	7	2,666	7							
material		2	Some	18	38	1,860	32	78	31	11,734	31							
		3	Quite a bit	16	33	2,322	40	99	39	15,715	41	2.9	2.7	.18	2.8	.07	2.8	.10
		4	Very much	13	27	1,144	19	60	24	8,291	22							
			Total	48	100	5,878	100	254	100	38,406	100							
b. Applying facts,	HOapply	1	Very little	1	2	125	2	8	3	869	2							
theories, or methods to		2	Some	11	23	1,055	18	58	23	6,949	18							
practical problems or new situations		3	Quite a bit	25	53	2,718	46	104	41	17,970	47	2.9	3.1	23	3.0	13	3.1	21
		4	Very much	10	21	1,955	33	84	33	12,507	33							
			Total	47	100	5,853	100	254	100	38,295	100							
c. Analyzing an idea,	HOanalyze	1	Very little	1	2	150	3	12	5	1,161	3							
experience, or line of		2	Some	14	29	1,192	20	63	25	7,852	21							
reasoning in depth by examining its parts		3	Quite a bit	25	52	2,560	44	99	39	16,721	44	2.8	3.1 *	31	3.0	16	3.1	28
examining its pures		4	Very much	8	17	1,947	33	79	31	12,496	33		▼					
			Total	48	100	5,849	100	253	100	38,230	100							
d. Evaluating a point of	HOevaluate	1	Very little	2	4	218	4	12	5	1,485	4							
view, decision, or		2	Some	17	35	1,236	21	70	28	8,901	23							
information source		3	Quite a bit	19	40	2,572	44	101	40	16,851	44	2.8	3.0 *	31	2.9	15	3.0	25
		4	Very much	10	21	1,820	31	68	27	10,986	29		▼					
			Total	48	100	5,846	100	251	100	38,223	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business										NSSE 2015	5 &				Your seniors c	ompared v	vith	
				Tennessee -	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	r Group	NSSE 2015	s & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name <sup>1</sup>	Values'		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
<ul> <li>Forming a new idea or understanding from</li> </ul>	HOform	1	Very little	1	2		4	12	5	1,692	4							
various pieces of		2	Some	14	29	1,360	23	77	31	9,514	25							
information		3	Quite a bit	25	52	,	44	101	40	16,620	44	2.8	3.0	18	2.8	01	2.9	12
		4	Very much	8	17	1,700	29	62	25	10,341	27							
			Total	48	100	5,838	100	252	100	38,167	100							
5. During the current sch	hool year, to v	vhat exte	ent have your instruct	ors done the f	ollow	ing?												
a. Clearly explained	ETgoals	1	Very little	1	2	138	2	2	1	787	2							
course goals and		2	Some	9	19	1,024	17	51	20	6,267	16							
requirements		3	Quite a bit	21	44	2,421	41	85	33	16,755	43	3.1	3.2	06	3.2	15	3.2	07
		4	Very much	17	35	2,311	39	118	46	14,733	38							
			Total	48	100	5,894	100	256	100	38,542	100							
b. Taught course sessions	ETorganize	1	Very little	3	6	177	3	9	4	936	2							
in an organized way		2	Some	10	21	1,048	18	49	19	6,490	17							
		3	Quite a bit	18	38	2,519	43	100	39	17,071	44	3.0	3.1	13	3.1	11	3.1	16
		4	Very much	17	35	2,137	36	97	38	13,966	36							
			Total	48	100	5,881	100	255	100	38,463	100							
c. Used examples or	ETexample	1	Very little	2	4	260	4	8	3	1,287	3							
illustrations to explain		2	Some	11	23	1,199	20	54	21	7,019	18							
difficult points		3	Quite a bit	19	40	2,242	38	83	32	15,567	41	3.0	3.1	07	3.2	16	3.1	13
		4	Very much	16	33	2,184	37	111	43	14,559	38							
			Total	48	100	5,885	100	256	100	38,432	100							
d. Provided feedback on a	ETdraftfb	1	Very little	8	17	757	13	34	13	4,339	11							
draft or work in		2	Some	19	41	1,639	28	62	24	11,246	29							
progress		3	Quite a bit	13	28	1,845	31	86	34	12,786	33	2.4	2.7 *	37	2.8 *	41	2.7 **	38
		4	Very much	6	13	1,638	28	74	29	10,032	26		•		•		▼	
			Total	46	100	5,879	100	256	100	38,403	100		·		•		•	
e. Provided prompt and	ETfeedback	1	Very little	4	8	432	7	17	7	2,674	7							
detailed feedback on		2	Some	14	29	1,579	27	66	26	10,331	27							
tests or completed		3	Quite a bit	22	46	2,098	36	100	39	14,684	38	2.7	2.9	19	2.9	20	2.9	18
assignments		4	Very much	8	17	1,745	30	71	28	10,582	28							
			Total	48	100	5,854	100	254	100	38,271	100							
				10	100	5,654	100	234		50,271								



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

Seniors <sup>a</sup> in						Frequenc	y D	istribution	S				Sta		Compari			
Business	Item wording Variable				- ech	Carnegie Clas	ss	THEC Peer Gi	roup	NSSE 2015 2016	5&	Tennessee Tech	Carnegi		Your seniors of THEC Pee		NSSE 2015	5 & 201
Item wording or description	Variable name <sup>I</sup>	Values	<sup>a</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size"	Mean	Effect size "
6. During the current s			· ·		,,,	count	,,,	oount	70	oount	,,,	mean	mean		mean	5,20	mean	5/20
a. Reached conclusions	QRconclude	1	Never	1	2	369	6	15	6	2,234	6							
based on your own		2	Sometimes	23	48	1,721	29	75	29	11,280	29							
analysis of numerical		3	Often	14	29	2,348	40	104	41	15,372	40	2.7	2.8	16	2.8	17	2.8	18
information (numbers,		4	Very often	10	21	1,454	25	62	24	9,659	25							
graphs, statistics, etc.)			Total	48	100	5,892	100	256	100	38,545	100							
b. Used numerical	QRproblem	1	Never	5	10	673	11	38	15	4,307	11							
information to examine		2	Sometimes	24	50	2,082	35	89	35	13,097	34							
a real-world problem of	r	3	Often	14	29	1,968	33	72	28	12,944	34	2.4	2.6	24	2.6	18	2.6	27
issue (unemployment, climate change, public		4	Very often	5	10	1,163	20	56	22	8,151	21							
health, etc.)			Total	48	100	5,886	100	255	100	38,499	100							
,						-,				,								
c. Evaluated what others	ORevaluate	1	Never	6	13	743	13	31	12	4,483	12							
have concluded from		2	Sometimes	24	50	2,250	38	106	41	14,325	37							
numerical information		3	Often	12	25	1,938	33	83	32	12,864	33	2.4	2.5	16	2.5	12	2.6	21
		4	Very often	6	13	937	16	36	14	6,756	18							
			Total	48	100	5,868	100	256	100	38,428	100							
7. During the current s	school year, abou	t how 1	nany papers, reports,	or other writi	ing ta	sks of the follo	win	g length hav	e vou	been assign	ed? (I	nclude those not v	et comple	ted.)				
a. Up to 5 pages	wrshortnum	0	None	8	17	253	4	23	9	1,679	4		•	,				
	(Recoded version	1.5	1-2	12	25	954	17	58	23	6,644	18							
	of wrshort created	4	3-5	13	27	1,557	27	79	32	10,505	28							
	by NSSE. Values	8	6-10	8	17	1,174	21	47	19	8,400	22	5.0	8.6 ***	50	6.0	18	8.0 ***	•45
	are estimated	13	11-15	5	10	643	11	19	8	4,250	11		•				▼	
	number of papers,	18	16-20	1	2	374	7	12	5	2,328	6							
	reports, etc.)	23	More than 20	1	2	737	13	11	4	3,677	10							
			Total	48	100	5,692	100	249	100	37,483	100							
b. Between 6 and 10	wrmednum	0	None	20	43	1,031	18	76	31	7,279	20							
pages	(Recoded version	1.5	1-2	16	34	1,874	33	95	39	13,291	36							
	of wrmed created	4	3-5	5	11	1,443	26	48	20	9,666	26							
	by NSSE. Values	8	6-10	4	9	747	13	17	7	4,264	12	2.3	4.2 **	39	2.6	08	3.6 *	31
	are estimated	13	11-15	1	2	281	5	5	2	1,397	4		•				•	
	number of papers,	18	16-20	1	2	145	3	3	1	593	2							
	reports, etc.)	23	More than 20	0	0	117	2	2	1	509	1							
			Total	47	100	5,638	100	246	100	36,999	100							



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

Seniors <sup>a</sup> in						Frequen	cy D	istribution	S				Sta		Compari			
Business				Tennessee <sup>-</sup>	Геch	Carnegie Cla	iss	THEC Peer Gr	oup	NSSE 2015 2016	5&	Tennessee Tech	Carnegie		Your seniors of THEC Pee		vith NSSE 201	5 & 2016
Item wording	Variable		n				- /		- 1					Effect		Effect		Effect
or description c. 11 pages or more	name <sup>1</sup> wrlongnum	Values <sup>1</sup> 0	<sup>n</sup> Response options None	Count 31	% 66	Count 2,383	% 43	Count 146	% 60	Count 15,337	<u>%</u> 42	Mean	Mean	size "	Mean	size "	Mean	size "
e. II pages of more	(Recoded version	1.5	1-2	12	26		35	69	29	14,101	39							
	of wrlong created	4	3-5	1	2	701	13	16	7	4,391	12							
	by NSSE. Values	8	6-10	2	4	262	5	5	2	1,364	4	1.1	2.2 **	28	1.3	07	2.0	25
	are estimated	13	11-15	1	2	117	2	3	1	603	2		$\nabla$					
	number of papers, reports, etc.)	18	16-20	0	0	49	1	1	0	277	1		·					
	reports, etcly	23	More than 20	0	0	79	1	2	1	391	1							
			Total	47	100	5,504	100	242	100	36,464	100							
Estimated number of	wrpages																	
assigned pages of												49.3	88.6 ***	41	55.1	08	80.1 *	36
student writing.			led and summed by NSSE												0011		▼	.50
	from wrshort, wrm estimated pages of		0										•				•	
0	•		often have you had dis						-	2 0 2 7	-							
a. People of a race or ethnicity other than	DDrace	1	Never	3	6		6	19	7	2,027	5							
your own		2	Sometimes	14	29	1,109	19	73	29	8,662	22	2.0						
,		3	Often	17	35	1,696	29	60	23	11,204	29	2.9	3.2 *	32	3.0	10	3.1	25
		4	Very often	14	29	2,766	47	104	41	16,653	43		▼					
1			Total	48	100		100	256	100	38,546	100							
<ul> <li>b. People from an economic background</li> </ul>	DDeconomic	1	Never	3	6		5	13	5	1,733	5							
other than your own		2	Sometimes	9	19	1,210	21	76	30	8,411	22	2.0						
		3	Often	21	45	1,868	32	73	29	12,844	33	3.0	3.1	17	3.0	.02	3.1	13
		4	Very often	14	30	2,522	43	93	36	15,457	40							
<b>B</b> 1 11 11 1	<b>DD</b> !! !		Total	47	100	5,879	100	255	100	38,445	100							
<li>c. People with religious beliefs other than your</li>	DDreligion	1	Never	2	4	457	8	18	7	2,796	7							
own		-	Sometimes	15	31	1,550	26	91	36	10,350	27	2.9	2.0	0.5	2.0	07	•	0.5
		3	Often	17	35	1,655	28	62 84	24	11,377	30	2.9	3.0	06	2.8	.07	2.9	05
		4	Very often	14	29	2,217	38	84	33	13,889	36							
d. People with political	DDnolition	1	Total Never	48	100	5,879	100	255	100	38,412	100							
d. People with political views other than your	DDpolitical	2	Sometimes	12	4 25		24	20 75	8 29	2,294 9,157	6 24							
own		2				1,406						2.9	2.0	10	2.0	00	2.0	
		3 4	Often Vary often	22 12	46 25	1,807 2,251	31 38	71	28 35	12,391 14,450	32 38	2.9	3.0	10	2.9	.02	3.0	11
		4	Very often Total	48	25 100		38 100	89 255	35 100	14,450 38,292	38 100							
			LOTAL	48	1 ( )( )	2 863	1()()	255	111()	38 797								



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Freque	ncy D	Distributior	IS				Sta	tistical	Compariso	ons <sup>k</sup>		
Business										NSSE 2015	5 &			2	Your seniors co	mpared v	vith	
				Tennessee T	ech	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carnegie	e Class	THEC Peer	Group	NSSE 2015	& 2016
Item wording or description	Variable name <sup>I</sup>	Values"	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
9. During the current so	chool year, abo	ut how o	often have you done th	e following?														
a. Identified key	LSreading	1	Never	2	4	79	1	1	0	622	2							
information from		2	Sometimes	16	33	902	15	55	22	6,079	16							
reading assignments		3	Often	22	46	2,393	41	93	36	16,369	43	2.8	3.2 ***	66	3.2 ***	56	3.2 ***	60
		4	Very often	8	17	2,517	43	106	42	15,404	40		▼		▼		▼	
			Total	48	100	5,891	100	255	100	38,474	100							
b. Reviewed your notes	LSnotes	1	Never	1	2	388	7	14	6	2,792	7							
after class		2	Sometimes	14	29	1,645	28	60	24	11,471	30							
		3	Often	18	38	1,884	32	64	25	12,558	33	3.0	2.9	.06	3.1	14	2.9	.13
		4	Very often	15	31	1,950	33	116	46	11,555	30							
			Total	48	100	5,867	100	254	100	38,376	100							
c. Summarized what you	LSsummary	1	Never	4	8	352	6	9	4	2,634	7							
learned in class or from		2	Sometimes	19	40	1,531	26	70	28	10,965	29							
course materials		3	Often	16	33	2,108	36	78	31	13,839	36	2.6	2.9 *	34	3.0 **	46	2.9	25
		4	Very often	9	19	1,839	32	97	38	10,583	28		▼		▼			
			Total	48	100	5,830	100	254	100	38,021	100							
10. During the current	school year, to	what ext	tent have your courses	s challenged y	ou to	do your bes	t wor	k?										
	challenge	1	Not at all	1	2	38	1	2	1	241	1							
		2		1	2	66	1	3	1	514	1							
		3		1	2	158	3	5	2	1,188	3							
		4		7	15	472	8	23	9	3,431	9	5.3	5.7 *	32	5.7	31	5.6	22
		5		14	30	1,575	27	70	27	11,348	30		▼					
		6		14	30	1,781	30	74	29	12,043	31							
		7	Very much	9	19	1,787	30	79	31	9,679	25							
			Total	47	100	5,877	100	256	100	38,444	100							
11. Which of the follow	ing have you do	one or de	o you plan to do befor	e you gradua	te?°													
a. Participate in an	intern		Have not decided	4	8	718	12	42	16	3,670	10							
internship, co-op, field	(Means indicate		Do not plan to do	16	33	1,952	33	77	30	9,667	25							
experience, student teaching, or clinical	the percentage		Plan to do	9	19	1,240	21	71	28	7,662	20	40%	34%	.12	25% *	.30	45%	12
placement	who responded		Done or in progress	19	40	1,984	34	65	25	17,531	45							
L	"Done or in progress.")		Total	48	100	5,894	100	255	100	38,530	100							



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

Seniors <sup>a</sup> in					Frequer	ncy D	istribution	IS				St		Compari			
Business			Tennessee -	Tech	Carnegie C	lass	THEC Peer G	roup	NSSE 2015 2016	5&	Tennessee Tech	Carne	gie Class	Your seniors of THEC Pee	,	vith NSSE 201	.5 & 2016
Item wording	Variable	~											Effect		Effect		Effect
or description b. Hold a formal	name <sup>1</sup> leader	Values <sup>m</sup> Response options Have not decided	Count 2	% 4	Count 704	% 12	Count 27	% 11	Count 3,819	<u>%</u> 10	Mean	Mean	size <sup>n</sup>	Mean	size "	Mean	size "
leadership role in a		Do not plan to do	26	54	3,061	52	124	48	18,069	47							
student organization or	(Means indicate the percentage	Plan to do	4	8	501	9	29	11	3,045	8	33%	28%	.13	30%	.08	35%	04
group	who responded	Done or in progress	16	33	1,621	28	2) 76	30	13,523	35	5570	2070	.15	30%	.08	3370	04
	"Done or in progress.")	Total	48	100	5,887	100	256	100	38,456	100							
c. Participate in a learning	learncom	Have not decided	7	15	852	14	45	18	4,864	13							
community or some	(Means indicate	Do not plan to do	25	52	3,441	59	150	59	22,012	57							
other formal program	the percentage	Plan to do	4	8	537	9	17	7	3,471	9	25%	18%	.18	16%	.22	21%	.10
where groups of students take two or	who responded	Done or in progress	12	25	1,048	18	41	16	8,068	21							
more classes together	"Done or in progress.")	Total	48	100	5,878	100	253	100	38,415	100							
d. Participate in a study	abroad	Have not decided	2	4	744	13	32	13	3,975	10							
abroad program	(Means indicate	Do not plan to do	35	74	4,097	70	185	73	25,854	67							
	the percentage	Plan to do	5	11	405	7	20	8	2,504	7	11%	11%	.00	7%	.13	16%	15
	who responded	Done or in progress	5	11	632	11	18	7	6,078	16							
	"Done or in progress.")	Total	47	100	5,878	100	255	100	38,411	100							
e. Work with a faculty	research	Have not decided	5	10	1,035	18	49	19	5,609	15							
member on a research	(Means indicate	Do not plan to do	34	71	3,646	62	154	61	23,682	62							
project	the percentage	Plan to do	3	6	570	10	27	11	3,639	10	13%	10%	.07	9%	.12	14%	04
	who responded	Done or in progress	6	13	598	10	22	9	5,306	14							
	"Done or in progress.")	Total	48	100	5,849	100	252	100	38,236	100							
f. Complete a culminating	capstone	Have not decided	4	9	767	13	39	15	3,633	9							
senior experience	(Means indicate	Do not plan to do	14	30	1,607	27	54	21	8,590	22							
(capstone course, senior project or thesis,	the percentage	Plan to do	10	21	1,365	23	62	24	8,693	23	40%	36%	.09	39%	.02	45%	10
comprehensive exam,	who responded	Done or in progress	19	40	2,128	36	100	39	17,457	45							
portfolio, etc.)	"Done or in progress.")	Total	47	100	5,867	100	255	100	38,373	100							
12. About how many of	your courses at	this institution have includ	ed a communit	y-bas	ed project (se	ervice	-learning)?										
	servcourse	1 None	21	44	2,740	47	143	57	16,696	44							
		2 Some	25	52	2,667	45	96	38	18,716	49							
		3 Most	2	4	353	6	10	4	2,449	6	1.6	1.6	04	1.5	.22	1.7	07
		4 All	0	0	112	2	1	0	477	1							
		Total	48	100	5,872	100	250	100	38,338	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Freque	ncy D	istributior	IS				St	tatistica	l Compari	sons <sup>k</sup>		
Business											- 0				Your seniors of	compared v	vith	
				Tennessee -	Toch	Carnegie C	lace	THEC Peer G	roun	NSSE 2015 2016	5 &	Tennessee Tech	Carner	gie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable			Terifiessee	Tech	Carriegie C	1055	THECPEERO	Toup	2010			Carrie	Effect	THECPE	Effect	N33L 201	Effect
or description	name <sup>1</sup>	Values	<sup>m</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
13. Indicate the quality	y of your interac	ctions w	ith the following peop	le at your inst	itutio	n.												
a. Students	QIstudent	1	Poor	0	0	61	1	5	2	380	1							
		2		1	2	89	2	4	2	568	1							
		3		1	2	232	4	11	4	1,384	4							
		4		8	17	543	9	20	8	3,209	8							
		5		5	10	1,322	22	67	26	8,505	22	5.8	5.7	.12	5.6	.18	5.7	.09
		6		13	27	1,654	28	63	25	11,471	30							
		7	Excellent	20	42	1,893	32	78	31	12,603	33							
		_	Not applicable	0	0	110	2	6	2	466	1							
			Total	48	100	5,904	100	254	100	38,586	100							
b. Academic advisors	QIadvisor	1	Poor	3	6	232	4	10	4	1,811	5							
		2		2	4	260	4	8	3	1,975	5							
		3		7	15	419	7	9	4	2,730	7							
		4		5	10		11	33	13	4,429	11							
		5		10	21	1,044	18	45	18	6,966	18	5.0	5.3	19	5.5	27	5.2	13
		6		4	8	1,156	20	53	21	7,916	21							
		7	Excellent	17	35	2,019	34	91	36	12,123	31							
		_	Not applicable	0	0	100	2	3	1	576	1							
			Total	48	100	5,900	100	252	100	38,526	100							
c. Faculty	QIfaculty	1	Poor	2	4	99	2	2	1	575	1							
		2		1	2	137	2	5	2	854	2							
		3		4	8	263	4	14	6	1,745	5							
		4		6	13	610	10	21	8	3,938	10	5.4						
		5		8	17	1,262	22	62	25	8,746	23	5.4	5.6	14	5.6	18	5.5	14
		6		12	25	1,689	29	68	27	11,518	30							
		7	Excellent	15	31	1,738	30	77	31	10,649	28							
		_	Not applicable	0	0	69	1	3	1	358	1							
			Total	48	100	5,867	100	252	100	38,383	100							



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

Seniors <sup>a</sup> in						Frequenc	y Di	stribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business															Your seniors c	ompared v	vith	
				Tannassaal	Tach	Corpogio Cla	т			NSSE 2015 2016	68	Tennessee Tech	Carnes			r Crown	NSSE 201	F 9 2016
Item wording	Variable			Tennessee 1	ecn	Carnegie Clas	55 1	HEC Peer G	roup	2016		Termessee Tech	Carneg	gie Class Effect	THEC Pee	Effect	NSSE 201	.5 & 2016 Effect
or description	name <sup>1</sup>	Values <sup>*</sup>	<sup>7</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size "
d. Student services staff	QIstaff	1	Poor	1	2	270	5	8	3	1,819	5							
(career services,		2		2	4	253	4	8	3	1,688	4							
student activities, housing, etc.)		3		3	6	341	6	22	9	2,462	6							
nousing, etc.)		4		9	19	559	10	22	9	4,385	11							
		5		7	15	864	15	45	18	6,802	18	5.0	5.0	03	5.1	09	5.0	03
		6		13	27	934	16	39	15	7,048	18							
		7	Excellent	5	10	1,086	18	51	20	7,241	19							
		—	Not applicable	8	17	1,575	27	57	23	6,968	18							
			Total	48	100	5,882	100	252	100	38,413	100							
e. Other administrative	QIadmin	1	Poor	1	2	312	5	13	5	1,931	5							
staff and offices		2		1	2	312	5	15	6	2,026	5							
(registrar, financial aid,		3		5	10	397	7	28	11	2,962	8							
etc.)		4		9	19	733	12	33	13	5,323	14							
		5		13	27	1,082	18	55	22	7,897	21	5.0	5.1	03	4.8	.10	5.0	.02
		6		11	23	1,204	20	47	19	8,011	21							
		7	Excellent	8	17	1,436	24	51	20	8,205	21							
		—	Not applicable	0	0	418	7	12	5	2,149	6							
			Total	48	100	5,894	100	254	100	38,504	100							
14. How much does you	r institution en	iphasize	the following?															
a. Spending significant	empstudy	1	Very little	1	2	124	2	6	2	740	2							
amounts of time		2	Some	12	25	935	16	38	15	6,216	16							
studying and on		3	Quite a bit	23	48	2,692	46	116	46	17,711	46	3.0	3.2	27	3.2	28	3.2	26
academic work		4	Very much	12	25	2,133	36	94	37	13,725	36							
			Total	48	100	5,884	100	254	100	38,392	100							
b. Providing support to	SEacademic	1	Very little	3	6	270	5	12	5	1,852	5							
help students succeed		2	Some	13	28	1,338	23	72	28	8,722	23							
academically		3	Quite a bit	22	47	2,427	42	96	38	16,139	42	2.8	3.0	24	2.9	15	3.0	22
		4	Very much	9	19	1,809	31	74	29	11,423	30							
			Total	47	100	5,844	100	254	100	38,136	100							
c. Using learning support	SElearnsup	1	Very little	5	10	478	8	19	7	3,222	8							
services (tutoring		2	Some	13	27	1,305	22	65	26	9,319	24							
services, writing		3	Quite a bit	20	42	2,174	37	94	37	14,285	37	2.7	2.9	23	2.9	18	2.9	17
center, etc.)		4	Very much	10	21	1,911	33	76	30	11,395	30							
			Total	48	100	5,868	100	254	100	38,221	100							

NSSE 2016 MAJOR FIELD REPORT, PART II • 37



**Frequencies and Statistical Comparisons: Business** 

Business       Tennessee Tech       Count       *       Count       *<	+h
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	NSSE 2015 & 2016
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)       1       Very much       11       24       895       15       36       14       5,859       15         among students from different backgrounds (social, racial/ethnic, religious, etc.)       3       Quite a bit       12       26       1,916       33       73       29       12,120       32         e       Total       4       Very much       6       13       1,435       24       59       23       8,597       22         e       Providing opportunities to be involved socially       SEsocial       1       Very little       4       8       700       12       15       6       3,680       10         e       Providing opportunities to be involved socially       2       Some       9       19       1,600       27       65       26       9,817       26         3       Quite a bit       23       48       2,057       35       89       35       14,136       37         4       Very much       12       25       1,501       26       85       33       10,617       28         4       Very much       12       25       1,501       26	Effect
among students from       2       Some       17       37       1,612       28       84       33       11,670       31         different backgrounds (social, racial/ethnic, religious, etc.)       3       Quite a bit       12       26       1,916       33       73       29       12,120       32       2.7 *      38       2.6 *      33         religious, etc.)       4       Very much       6       13       1,435       24       59       23       8,597       22       V<	Mean size <sup>n</sup>
different backgrounds (social, racial/ethnic, religious, etc.)       3       Quite a bit       12       26       1,916       33       73       29       12,120       32         e. Providing opportunities to be involved socially       SEsocial       1       Very much 2       50me       9       19       1,600       252       100       38,246       100         e. Providing opportunities to be involved socially       SEsocial       1       Very little       4       8       700       12       15       6       3,680       10         4       Very much to be involved socially       2       Some       9       19       1,600       27       65       26       9,817       26         4       Very much to be involved socially       23       48       2,057       35       89       35       14,136       37         4       Very much to be involved       12       25       1,501       26       85       33       10,617       28         4       Very much to be       12       25       1,501       26       85       33       10,617       28       2.7       .16       3.0      07         4       Very much to al       12       25       1,5	
(social, racial/ethnic, religious, etc.)       3       Quite a bit       12       26       1,916       33       73       29       12,120       32       2.7      38       2.6      33         religious, etc.)       4       Very much       6       13       1,435       24       59       23       8,597       22         religious, etc.)       Total       46       100       5,858       100       252       100       38,246       100 <td< th=""><th></th></td<>	
Total       46       100       5,858       100       252       100       38,246       100         e. Providing opportunities to be involved socially       SEsocial       1       Very little       4       8       700       12       15       6       3,680       10         2       Some       9       19       1,600       27       65       26       9,817       26         3       Quite a bit       23       48       2,057       35       89       35       14,136       37         4       Very much       12       25       1,501       26       85       33       10,617       28         4       Very much       12       25       1,501       26       85       33       10,617       28	2.6 *33
e. Providing opportunities to be involved socially       1       Very little       4       8       700       12       15       6       3,680       10         2       Some       9       19       1,600       27       65       26       9,817       26         3       Quite a bit       23       48       2,057       35       89       35       14,136       37         4       Very much       12       25       1,501       26       85       33       10,617       28         1       Total       48       100       5,858       100       254       100       38,250       100	V
to be involved socially       2       Some       9       19       1,600       27       65       26       9,817       26         3       Quite a bit       23       48       2,057       35       89       35       14,136       37         4       Very much       12       25       1,501       26       85       33       10,617       28         Total       48       100       5,858       100       254       100       38,250       100	
1       1	
4         Very much         12         25         1,501         26         85         33         10,617         28           Total         48         100         5,858         100         254         100         38,250         100	
Total         48         100         5,858         100         254         100         38,250         100	2.8 .07
f. Providing support for SEwellness 1 Very little 7 15 1,012 17 23 9 5,128 13	
your overall well-being 2 Some 17 36 1,640 28 78 31 10,406 27	
(recreation, health care, 3 Quite a bit 16 34 1,866 32 84 33 13,343 35 <b>2.5</b> 2.611 2.831	2.722
counseling, etc.)         4         Very much         7         15         1,330         23         68         27         9,324         24	
Total 47 100 5,848 100 253 100 38,201 100	
g. Helping you manage SEnonacad 1 Very little 12 26 1,918 33 80 32 12,084 32	
your non-academic 2 Some 20 43 1,817 31 85 34 12,792 33	
responsibilities (work, for the star) 3 Quite a bit 12 26 1,358 23 60 24 8,534 22 <b>2.1</b> 2.208 2.105	2.207
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Total 46 100 5,853 100 252 100 38,205 100	
h. Attending campus SEactivities 1 Very little 5 11 1,407 24 28 11 6,472 17	
activities and events 2 Some 16 34 1,594 27 72 29 10,600 28	
(performing arts, 3 Quite a bit 19 40 1,765 30 92 37 12,741 33 <b>2.6</b> 2.4 .16 2.7 .14	2.6 .00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Total 47 100 5,829 100 252 100 38,113 100	
i. Attending events that SEevents 1 Very little 6 13 1,563 27 42 17 7,898 21	
address important 2 Some 18 38 1,851 32 96 38 12,891 34	
social, economic, or 3 Quite a bit 17 35 1.593 27 71 28 11.284 30 <b>2.5</b> 2.3 23 2.5 06	2.4 .12
political issues 4 Very much 7 15 812 14 44 17 5,981 16	2.7 .12
Total         48         100         5,819         100         253         100         38,054         100	



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	IS				St	atistical	Comparis	sons <sup>k</sup>		
Business											-				Your seniors c	ompared w	vith	
				<b>T</b>				THEODON		NSSE 2015	5&	Tennessee Tech	6		THEOD	<b>C</b>		- 0 2016
	Variable			Tennessee 1	ecn	Carnegie C	lass	THEC Peer G	roup	2016		Termessee Tech	Carneg	gie Class	THEC Pee	Effect	NSSE 201	Effect
Item wording or description	name <sup>1</sup>	Values"	" Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	size"	Mean	size <sup>n</sup>
15. About how many he			<u> </u>															
a. Preparing for class	tmprephrs	0	0 hrs	0	0	25	0	1	0	148	0							
(studying, reading,	(Recoded version	3	1-5 hrs	5	11	885	15	41	16	6,191	16							
writing, doing	of tmprep created	8	6-10 hrs	14	30	1,575	27	72	28	10,156	26							
homework or lab work, analyzing data,	by NSSE. Values	13	11-15 hrs	16	34	1,227	21	58	23	8,020	21							
rehearsing, and other	are estimated	18	16-20 hrs	5	11	996	17	41	16	6,627	17	13.6	13.7	01	13.4	.03	13.5	.01
academic activities)	number of hours	23	21-25 hrs	1	2	559	10	14	5	3,496	9							
	per week.)	28	26-30 hrs	1	2	308	5	9	4	1,861	5							
		33	More than 30 hrs	5	11	301	5	20	8	1,925	5							
			Total	47	100	5,876	100	256	100	38,424	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	16	34	3,304	56	133	52	17,145	45							
curricular activities	(Recoded version	3	1-5 hrs	18	38	1,233	21	58	23	9,781	26							
(organizations, campus	of tmcocurr	8	6-10 hrs	5	11	580	10	34	13	4,823	13							
publications, student government, fraternity	created by NSSE.	13	11-15 hrs	5	11	324	6	12	5	2,741	7							
or sorority,	Values are	18	16-20 hrs	0	0	210	4	8	3	1,867	5	5.3	3.8	.23	3.9	.20	4.9	.05
intercollegiate or	estimated number	23	21-25 hrs	1	2	107	2	4	2	919	2							
intramural sports, etc.)	of hours per week.)	28	26-30 hrs	0	0	39	1	1	0	386	1							
	week.)	33	More than 30 hrs	2	4	65	1	4	2	610	2							
			Total	47	100	5,862	100	254	100	38,272	100							
c. Working for pay	tmworkonhrs	0	0 hrs	32	68	4,805	82	211	83	28,555	75							
on campus	(Recoded version	3	1-5 hrs	1	2	116	2	5	2	1,509	4							
	of tmworkon	8	6-10 hrs	6	13	243	4	6	2	2,686	7							
	created by NSSE.	13	11-15 hrs	3	6	237	4	14	5	2,116	6							
	Values are	18	16-20 hrs	4	9	272	5	13	5	2,070	5	4.0	2.6	.22	2.7	.20	3.3	.10
	estimated number	23	21-25 hrs	0	0	75	1	0	0	624	2							
	of hours per week.)	28	26-30 hrs	1	2	25	0	0	0	212	1							
	week.)	33	More than 30 hrs	0	0	75	1	6	2	503	1							
			Total	47	100	5,848	100	255	100	38,275	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequen	cy D	istribution	S				St		Comparis			
Business										NSSE 2015	0				Your seniors c	ompared v	vith	
				Tennessee 1	Tech	Carnegie Cla	155	THEC Peer Gr	oun	2015 2015	Č.	Tennessee Tech	Carneg	gie Class	THEC Pee	r Group	NSSE 201	5 & 2016
Item wording	Variable			Termessee	reen	carriegie eie	155		oup	2010			carrieg	Effect	meeree	Effect	N35L 201	Effect
or description	name <sup>1</sup>	Values <sup>*</sup>		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
d. Working for pay	tmworkoffhrs	0	0 hrs	17	36	1,894	32	79	32	14,219	37							
off campus	(Recoded version	3	1-5 hrs	1	2	196	3	7	3	1,459	4							
	of tmworkoff	8	6-10 hrs	0	0	229	4	12	5	2,011	5							
	created by NSSE.	13	11-15 hrs	8	17	272	5	14	6	2,203	6	12.0						
	Values are estimated number	18	16-20 hrs	5	11	393	7	17	7	3,219	8	13.8	17.5	25	17.4	26	14.9	08
	of hours per	23	21-25 hrs	7	15	366	6	11	4	2,642	7							
	week.)	28	26-30 hrs	1	2	298	5	23	9	1,974	5							
		33	More than 30 hrs	8	17	2,192	38	86	35	10,476	27							
			Total	47	100	5,840	100	249	100	38,203	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous variable created by NSSE)											17.9	20.0	15	19.8	14	18.1	02
e. Doing community	tmservicehrs	0	0 hrs	27	57	2,876	49	120	47	19,411	51							
service or volunteer	(Recoded version	3	1-5 hrs	14	30	2,102	36	99	39	13,529	36							
work	of tmservice	8	6-10 hrs	2	4	455	8	17	7	2,690	7							
	created by NSSE.	13	11-15 hrs	3	6	184	3	7	3	1,102	3							
	Values are	18	16-20 hrs	1	2	109	2	7	3	693	2	2.4	2.9	10	3.0	10	2.8	07
	estimated number	23	21-25 hrs	0	0	40	1	0	0	276	1							
	of hours per	28	26-30 hrs	0	0	15	0	0	0	123	0							
	week.)	33	More than 30 hrs	0	0	45	1	3	1	231	1							
			Total	47	100	5,826	100	253	100	38,055	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	3	6	231	4	8	3	1,178	3							
socializing (time with	(Recoded version	3	1-5 hrs	20	43	1,906	33	94	37	10,600	28							
friends, video games,	of tmrelax created	8	6-10 hrs	7	15	1,621	28	56	22	10,584	28							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	6	13	959	16	37	15	6,894	18							
up with friends online, etc.)	are estimated	18	16-20 hrs	4	9	541	9	22	9	4,353	11	9.6	9.8	03	10.5	10	10.8	14
cic.)	number of hours	23	21-25 hrs	4	9	245	4	12	5	2,022	5							
	per week.)	28	26-30 hrs	1	2	123	2	6	2	940	2							
		33	More than 30 hrs	2	4	230	4	19	7	1,690	4							
			Total	47	100	5,856	100	254	100	38,261	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	IS				Sta	atistical	Comparis	sons <sup>k</sup>		
Business											_			Y	Your seniors c	ompared v	vith	
						o		-		NSSE 2015	&	Tennessee Tech	· ·		<b>T</b> UE 0 0	~		- 0 0016
the second is a	Variable			Tennessee	lech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee Tech	Carnegi	e Class Effect	THEC Pee	r Group Effect	NSSE 201	5 & 2016 Effect
Item wording or description	name <sup>1</sup>	Values <sup>"</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size"	Mean	size <sup>n</sup>
g. Providing care for	tmcarehrs	0	0 hrs	31	66	2,904	50	138	54	22,805	60							
dependents (children,	(Recoded version	3	1-5 hrs	5	11	666	11	35	14	4,182	11							
parents, etc.)	of tmcare created	8	6-10 hrs	1	2	410	7	16	6	2,084	5							
	by NSSE. Values	13	11-15 hrs	2	4	248	4	11	4	1,437	4							
	are estimated	18	16-20 hrs	4	9	283	5	9	4	1,343	4	5.4	9.5 **	32	7.9	21	7.1	15
	number of hours per week.)	23	21-25 hrs	0	0	118	2	2	1	679	2		V					
	per weeks)	28	26-30 hrs	0	0	97	2	1	0	529	1							
		33	More than 30 hrs	4	9	1,112	19	42	17	5,105	13							
			Total	47	100	5,838	100	254	100	38,164	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	2	4	1,952	33	48	19	9,487	25							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	30	65	2,590	44	141	55	20,061	52							
	of tmcommute	8	6-10 hrs	7	15	811	14	44	17	5,348	14							
	created by NSSE. Values are	13	11-15 hrs	2	4	256	4	10	4	1,723	4							
	estimated number	18	16-20 hrs	3	7	115	2	4	2	796	2	6.1	4.1 *	.37	4.7	.24	4.3 *	.33
	of hours per	23	21-25 hrs	1	2	50	1	3	1	326	1							
	week.)	28	26-30 hrs	0	0	16	0	0	0	157	0							
		33	More than 30 hrs	1	2	77	1	5	2	440	1							
			Total	46	100	5,867	100	255	100	38,338	100							
16. Of the time you spe	end preparing for	<sup>.</sup> class i	n a typical 7-day week	, about how	much	is on assigne	ed rea	ding?										
	reading	1	Very little	8	17	550	9	32	13	3,685	10							
	(Revised for 2014.	2	Some	15	32	1,408	24	68	27	9,695	25							
	Comparison data	3	About half	13	28	1,923	33	80	32	12,303	32	2.7	3.0 *	31	2.8	16	3.0	28
	are limited to	4	Most	7	15	1,423	24	52	21	9,194	24		<b>V</b>	101	2.0		510	.20
	NSSE 2014	5	Almost all	4	9	553	9	20	8	3,444	9		•					
	participating institutions.)		Total	47	100	5,857	100	252	100	38,321	100							
	institutions.)		10111	.,	100	5,057	100	202	100	00,021	100							
	tmreadinghrs																	
(Continuous varia	able created by NSSE	E. Calcul	ated as a proportion									6.6	7.3	12	6.9	04	7.1	08
of tmprephrs bas	ed on reading, where	e Very li	ttle=.10; Some=.25;									0.0	1.5	12	0.9	04	/.1	08
About	t half=.50; Most=.75	; Almost	all=.90)															



**Frequencies and Statistical Comparisons: Business** 

### Tennessee Technological University

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	S				Sta	atistical	Comparis	sons <sup>k</sup>		
Business															Your seniors c	ompared v	vith	
				Tennessee <sup>-</sup>	Tech	Carnegie Cl	255	THEC Peer G	roun	NSSE 2015 2016	5&	Tennessee Tech	Carnegi	e Class	THEC Pee	r Groun	NSSE 2015	5 & 2016
Item wording	Variable			Termessee		curricgic ci	435		Toup	2010			curregi	Effect	meeree	Effect	N351 2013	Effect
or description	name <sup>1</sup>	Values'		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
	tmreadinghrscol	1	0 hrs	0	0	25	0	1	0	143	0							
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	27	57	2,694	46	126	50	17,943	47							
	created by NSSE.)	3	More than 5, up to 10 hrs	10	21	1,721	30	74	29	11,440	30							
		4	More than 10, up to 15 hrs	4	9	676	12	22	9	4,317	11							
		5	More than 15, up to 20 hrs	3	6	337	6	11	4	2,131	6							
		6	More than 20, up to 25 hrs	2	4	260	4	12	5	1,539	4							
		7	More than 25 hrs	1	2	116	2	6	2	623	2							
			Total	47	100	5,829	100	252	100	38,136	100							
17. How much has you	ur experience at th	his inst	itution contributed to	vour knowled	lge, sl	kills, and pers	sonal	developmen	t in th	e following	areas	?						
a. Writing clearly and	pgwrite	1	Very little	4	8	_	5	19	7	1,934	5							
effectively		2	Some	17	35	1,114	19	64	25	7,875	20							
		3	Quite a bit	16	33	2,221	38	101	39	14,989	39	2.7	3.1 **	46	2.9	19	3.1 **	39
		4	Very much	11	23	2,287	39	72	28	13,687	36		▼				▼	
			Total	48	100	5,894	100	256	100	38,485	100							
b. Speaking clearly and	pgspeak	1	Very little	2	4	482	8	27	11	2,533	7							
effectively		2	Some	13	28	1,246	21	58	23	8,033	21							
		3	Quite a bit	17	36	2,110	36	107	42	14,234	37	3.0	3.0	01	2.8	.16	3.0	06
		4	Very much	15	32	2,024	35	63	25	13,557	35							
			Total	47	100	5,862	100	255	100	38,357	100							
c. Thinking critically and	pgthink	1	Very little	1	2		3	9	4	983	3							
analytically		2	Some	9	19		14	46	18	5,255	14							
		3	Quite a bit	20	42		38	100	39	14,744	38	3.1	3.3	14	3.1	.00	3.3	15
		4	Very much	18	38	,	45	101	39	17,392	45							
			Total	48	100	5,877	100	256	100	38,374	100							
<ul> <li>Analyzing numerical and statistical</li> </ul>	pganalyze	1	Very little	2	4	289	5	6	2	1,690	4							
information		2	Some	7	15	,	21	47	19	7,600	20	2.1						
		3	Quite a bit	24	51	2,179	37	104	41	14,491	38	3.1	3.1	.00	3.1	11	3.1	03
		4	Very much	14	30		37	97	38	14,573	38							
			Total	47	100	5,871	100	254	100	38,354	100							

NSSE 2016 MAJOR FIELD REPORT, PART II • 42



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business														N	Your seniors c	ompared w	vith	
				Tennessee <sup>-</sup>	Toch	Carpogio Cl	266	THEC Peer G	roup	NSSE 2015 2016	ά	Tennessee Tech	Carpon	ie Class	THEC Pee	r Group	NSSE 201	E 8. 2016
Item wording	Variable			Termessee	Tech	Carriegie Ci	dss	THEC Peel G	roup	2010			Carrieg	Effect	THECPEE	Effect	N33E 201	Effect
or description	name'	Values	1 1	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
e. Acquiring job- or work-	pgwork	1	Very little	2	4	417	7	22	9	2,590	7							
related knowledge and skills		2	Some	8	17	1,264	21	60	23	7,795	20							
SKIIIS		3	Quite a bit	21	44	2,050	35	92	36	13,677	36	3.1	3.0	.10	2.9	.20	3.0	.07
		4	Very much	17	35	2,156	37	82	32	14,357	37							
			Total	48	100	5,887	100	256	100	38,419	100							
f. Working effectively	pgothers	1	Very little	2	4	321	5	18	7	1,826	5							
with others		2	Some	11	24	1,124	19	65	26	7,175	19							
		3	Quite a bit	17	37	2,161	37	91	36	14,231	37	3.0	3.1	07	2.9	.11	3.1	10
		4	Very much	16	35	2,264	39	80	31	15,115	39							
			Total	46	100	5,870	100	254	100	38,347	100							
g. Developing or	pgvalues	1	Very little	6	13	577	10	43	17	3,820	10							
clarifying a personal code of values and		2	Some	9	19	1,386	24	73	29	9,245	24							
ethics		3	Quite a bit	20	43	1,984	34	77	30	13,073	34	2.8	2.9	09	2.6	.18	2.9	07
		4	Very much	12	26	1,928	33	62	24	12,230	32							
			Total	47	100	5,875	100	255	100	38,368	100							
h. Understanding people	pgdiverse	1	Very little	9	19	633	11	46	18	4,070	11							
of other backgrounds (economic,		2	Some	6	13	1,604	27	75	29	10,674	28							
racial/ethnic, political,		3	Quite a bit	22	47	1,933	33	76	30	12,759	33	2.7	2.8	10	2.6	.13	2.8	09
religious, nationality,		4	Very much	10	21	1,709	29	58	23	10,888	28							
etc.)			Total	47	100	5,879	100	255	100	38,391	100							
i. Solving complex real-	pgprobsolve	1		4	9	531	9	39	15	3,350	9							
world problems		2	Some	15	32	1,587	27	79	31	10,341	27							
		3	Quite a bit	18	38	2,110	36	83	32	14,032	37	2.7	2.8	11	2.6	.12	2.8	12
		4	Very much	10	21	1,635	28	55	21	10,645	28							
			Total	47	100	5,863	100	256	100	38,368	100							
j. Being an informed and	pgcitizen	1	Very little	8	17	801	14	43	17	4,801	13							
active citizen		2	Some	14	30	1,717	29	85	33	11,224	29							
		3	Quite a bit	14	30	1,865	32	82	32	12,765	33	2.6	2.7	09	2.5	.10	2.7	11
		4	Very much	11	23	1,459	25	44	17	9,419	25							
			Total	47	100	5,842	100	254	100	38,209	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Freque	ncy D	istributior	IS				St	atistical	Comparis	sons <sup>k</sup>		
Business															Your seniors c	compared v	vith	
Dusiness										NSSE 2015	5&							
				Tennessee	Гech	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee Tech	Carneg	ie Class	THEC Pee	er Group	NSSE 201	5 & 2016
Item wording	Variable													Effect		Effect		Effect
or description	name'	Values'	<sup>n</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
18. How would you eva	aluate your enti	re educa	tional experience at th	nis institution	?													
	evalexp	1	Poor	3	6	111	2	4	2	833	2							
		2	Fair	5	11	669	11	28	11	4,015	10							
		3	Good	17	36	2,564	43	138	54	16,921	44	3.2	3.3	07	3.2	.05	3.3	07
		4	Excellent	22	47	2,560	43	86	34	16,797	44							
			Total	47	100	5,904	100	256	100	38,566	100							
19. If you could start o	ver again, woul	d you go	to the same institution	n you are no	w atte	ending?												
	sameinst	1	Definitely no	4	8	276	5	9	4	1,741	5							
		2	Probably no	7	15	763	13	36	14	4,821	12							
		3	Probably yes	13	27	2,231	38	126	49	14,780	38	3.2	3.2	04	3.1	.08	3.2	05
		4	Definitely yes	24	50	2,640	45	85	33	17,271	45							
			Total	48	100	5,910	100	256	100	38,613	100							



Respondent Profile: Business

Bu	siness					First-Y	'ear	Students	а					:	Seni	ors <sup>a</sup>			
										NSSE 2015	5&							NSSE 201	5 &
				Tennessee -	Tech	Carnegie C	lass	THEC Peer G	roup	2016		Tennessee T	ech	Carnegie Cl	ass	THEC Peer G	roup	2016	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a.	How many majors do	MAJnum	One	24	75	2,747	82	167	85	20,118	80	40	83		86	226	88	31,853	82
	you plan to complete?		More than one	8	25	612	18	30	15	5,094	20	8	17	803	14	30	12	6,878	18
	(Do not count minors.)		Total	32	100	3,359	100	197	100	25,212	100	48	100	5,926	100	256	100	38,731	100
	First major or expected	MAJfirstcol	Arts & Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	first major, in NSSE's	(Recoded from	Biological Sci., Agriculture,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	default related-major categories.	MAJfirst.)	& Natural Resources Physical Sci., Mathematics,																
			& Computer Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(Does not reflect any		Social Sciences	1	3	92	3	6	3	1,291	5	3	6	133	2	9	4	2,082	5
	customization made for the Major Field		Business	31	97	3,267	97	191	97	23,921	95	45	94	5,793	98	247	96	36,650	95
	Report)		Communications, Media, & Public Relations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Health Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Social Service Professions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			All Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Undecided, Undeclared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Total	32	100	3,359	100	197	100	25,212	100	48	100	5,926	100	256	100	38,732	100
	Second major or	MAJsecondcol	Arts & Humanities	0	0	60	10	4	13	533	11	0	0	34	4	3	10	533	8
	expected second major, in NSSE's default	(Recoded from	Biological Sci., Agriculture, & Natural Resources	0	0	6	1	0	0	73	1	0	0	7	1	0	0	75	1
	related-major	MAJsecond.)	Physical Sci., Mathematics,	0	0	14	2	1	3	218	4	0	0	17	2	0	0	218	3
	categories.		& Computer Science Social Sciences	1	13	60	10	1	3	597	12	1	13	65	8	1	3	662	10
	(Does not reflect any		Business	7	88	349	57	14	47	2,857	56	5	63	520	65	19	63	4,305	63
	customization made		Communications, Media,	/	00			14				5	03		05	19		, i i i i i i i i i i i i i i i i i i i	
	for the Major Field		& Public Relations	0	0	20	3	1	3	181	4	0	0	11	1	0	0	144	2
	Report)		Education	0	0	10	2	1	3	42	1	0	0	23	3	1	3	85	1
			Engineering	0	0	6	1	0	0	42	1	0	0	5	1	0	0	59	1
			Health Professions	0	0	24	4	4	13	115	2	1	13	29	4	1	3	159	2
			Social Service Professions	0	0	22	4	1	3	120	2	0	0	27	3	2	7	152	2
			All Other	0	0	26	4	1	3	192	4	0	0	49	6	3	10	367	5
			Undecided, Undeclared	0	0	13	2	2	7	101	2	1	13	12	2	0	0	82	1
			Total	8	100	610	100	30	100	5,071	100	8	100	799	100	30	100	6,841	100



Respondent Profile: Business

Bu	siness					First-Y	ear	Students	а						Seni	ors <sup>a</sup>			
										NSSE 2015	5&							NSSE 2015	5 &
				Tennessee	Tech	Carnegie Cl	ass	THEC Peer G	iroup	2016		Tennessee T	ech	Carnegie C	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	22	69	2,710	81	137	70	21,478	86	0	0	7	0	0	0	71	0
	level?		Sophomore	9	28	474	14	50	26	2,723	11	1	2	41	1	2	1	225	1
			Junior	0	0	75	2	3	2	446	2	2	4	285	5	17	7	2,312	6
			Senior	1	3	20	1	3	2	167	1	38	83	5,336	91	236	92	35,048	91
			Unclassified	0	0	50	2	3	2	206	1	5	11	223	4	1	0	825	2
			Total	32	100	3,329	100	196	100	25,020	100	46	100	5,892	100	256	100	38,481	100
22.	Thinking about this	fulltime	No	1	3	216	7	14	7	1,132	5	11	24	1,359	23	48	19	7,891	21
	current academic term,		Yes	31	97	3,097	93	179	93	23,749	95	34	76	4,494	77	203	81	30,401	79
	are you a full-time student?		Total	32	100	3,313	100	193	100	24,881	100	45	100	5,853	100	251	100	38,292	100
23a.	How many courses are	coursenum	0	0	0	20	1	1	1	89	0	3	7	291	5	2	1	1,130	3
	you taking for credit		1	0	0	132	4	0	0	397	2	1	2	490	8	5	2	1,937	5
	this current academic		2	1	3	124	4	10	5	612	2	5	11	652	11	28	11	3,797	10
	term?		3	2	6	150	5	14	7	889	4	5	11	746	13	40	16	4,571	12
			4	4	13	837	25	48	24	5,543	22	15	33	1,497	25	68	27	10,381	27
			5	18	56	1,172	35	72	37	10,907	44	10	22	1,136	19	60	24	9,387	24
			6	6	19	561	17	32	16	4,426	18	5	11	619	11	30	12	4,531	12
			7 or more	1	3	330	10	19	10	2,172	9	2	4	446	8	22	9	2,737	7
			Total	32	100	3,326	100	196	100	25,035	100	46	100	5,877	100	255	100	38,471	100
b	Of these, how many are	onlinenum	0	27	84	2,174	66	134	68	19,705	79	26	57	2,888	49	105	42	23,743	62
	entirely online ?		1	5	16	541	16	33	17	3,084	12	11	24	1,194	20	73	29	6,737	18
			2	0	0	182	5	12	6	944	4	8	17	635	11	31	12	3,484	9
			3	0	0	84	3	4	2	355	1	1	2	384	7	19	8	1,766	5
			4	0	0	139	4	8	4	341	1	0	0	363	6	13	5	1,233	3
			5	0	0	30	1	1	1	109	0	0	0	108	2	6	2	430	1
			6	0	0	40	1	3	2	96	0	0	0	91	2	3	1	333	1
			7 or more	0	0	126	4	1	1	274	1	0	0	186	3	3	1	565	1
			Total	32	100	3,316	100	196	100	24,908	100	46	100	5,849	100	253	100	38,291	100
	Collapsed recode of	onlinecrscol	No courses taken online	27	84	2,174	66	134	68	19,704	79	26	57	2,888	49	105	42	23,743	62
	courses taken online		Some courses taken online	5	16	581	18	44	22	3,697	15	15	33	1,353	23	112	44	8,748	23
	(Based on responses to		All courses taken online	0	0	561	17	18	9	1,506	6	5	11	1,607	27	36	14	5,795	15
	coursenum and onlinenum)		Total	32	100	3,316	100	196	100	24,907	100	46	100	5,848	100	253	100	38,286	100



Respondent Profile: Business

Βι	isiness					First-Y	'ear	Students	а					9	Sen	n <b>iors</b> <sup>a</sup>			
										NSSE 2015	5&							NSSE 2015	5 &
				Tennessee	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee T	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	count	%	Count	%
24.	What have most of your	grades	C- or lower	0	0	50	2	3	2	322	1	0	0	31	1	. 1	0	123	0
	grades been up to now		С	0	0	71	2	9	5	542	2	1	2	131	2	2 5	2	639	2
	at this institution?		C+	1	3	126	4	10	5	1,028	4	4	9	267	5	5 18	7	1,459	4
			В-	2	6	183	5	13	7	1,497	6	6	13	411	7	7 18	7	2,399	6
			В	4	13	519	16	23	12	4,421	18	11	24	999	17	7 55	22	7,247	19
			B+	5	16	580	17	43	22	4,798	19	8	17	1,053	18	3 53	21	7,693	20
			A-	9	28	759	23	37	19	5,424	22	5	11	1,177	20	) 34	13	7,931	21
			А	11	34	1,045	31	56	29	6,974	28	11	24	1,820	31	1 70	28	10,961	29
			Total	32	100	3,333	100	194	100	25,006	100	46	100	5,889	100	) 254	100	38,452	100
25.	Did you begin college	begincol	Started here	28	88	2,848	86	166	85	22,319	89	25	54	2,433	41	1 114	45	19,529	51
	at this institution or		Started elsewhere	4	13	480	14	29	15	2,640	11	21	46	3,450	59	ə 140	55	18,895	49
	elsewhere?		Total	32	100	3,328	100	195	100	24,959	100	46	100	5,883	100	) 254	100	38,424	100
26.	Since graduating from	attend_voc	Vocational or technical school	0	0	261	8	16	8	955	4	3	7	714	12	2 37	15	3,098	8
	high school, which of	attend_com	Community or junior college	4	13	429	13	13	7	2,260	9	16	35	2,970	51	I 91	36	16,167	42
	the following types of schools have you	attend_col	4-year college or university other than this one	3	9	418	13	24	12	2,666	11	13	28	1,787	30	) 90	36	10,879	28
	attended <i>other than</i> the one you are now	attend_none	None	22	69	2,275	68	149	76	18,977	76	18	39	1,656	28	8 84	33	14,439	38
	attending? (Select all that apply.)	attend_other	Other	4	13	158	5	6	3	918	4	1	2	275	5	5 7	3	1,511	4
27.	What is the highest level of education you	edaspire	Some college but less than a bachelor's degree	4	13	250	8	16	8	1,470	6	4	9	397	7	7 16	6	1,931	5
	ever expect to		Bachelor's degree (B.A., B.S., etc.)	8	25	1,303	39	87	45	9,296	37	22	48	2,221	38	3 99	39	14,308	37
	complete?		Master's degree (M.A., M.S., etc.)	18	56	1,447	44	71	37	11,821	48	18	39	2,741	47	7 115	45	18,515	48
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	2	6	322	10	20	10	2,297	9	2	4	515	9		9	3,607	9
			Total	32	100	3,322	100	194	100	24,884	100	46	100	5,874	100	) 254	100	38,361	100



**Respondent Profile: Business** 

### **Tennessee Technological University**

								Students							Senio				
										NSSE 2015	5&							NSSE 2015	5&
				Tennessee -	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee T	ech	Carnegie Cl	ass .	THEC Peer G	roup	2016	
	m wording	Variable	Downey and the second	Count		Count	0/	Count	0/	Count	0/	Grunt		Grunt	0/	Count	0/	Count	
	description hat is the highest	name parented	Response options Did not finish high school	Count 1	%	Count 284	<u>%</u> 9	Count 10	% 5	Count 1,319	<u>%</u> 5	Count 3	%	Count 510	<u>%</u> 9	Count 13	<u>%</u> 5	Count 2,410	<u>%</u> 6
	vel of education	parented	High school diploma or G.E.D.	8	25	730	22	48	25	4,315	17	9	20	1,506	26	13 59	23	2,410 8,147	21
	mpleted by either of our parents (or those		Attended college, but did not	5	16	397	12	48 27	14	2,499	10	4	20 9	744	13	34	13	4,430	12
-	ho raised you)?		complete degree Associate's degree (A.A., A.S., etc.)	1	3	314	9	14	7	2,164	9	4	9	569	10	23	9	3,699	10
			Bachelor's degree (B.A., B.S., etc.)	11	34	861	26	43	22	2,104 7,661	31	21	46	1,563	27	23 77	30	11,124	29
			Master's degree (M.A., M.S., etc.)	1	34	564	17	43 39	20	5,310	21	4	40	728	12	37	15	6,280	16
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	5	16	163	5	12	6	1,617	6	4	2	258	4	12	5	2,267	6
			Total	32	100	3,313	100	193	100	24,885	100	46	100	5,878	100	255	100	38,357	100
First	rst-generation status	firstgen	Not first-generation	17	53	1,588	48	94	49	14,588	59	26	57	2,549	43	126	49	19,671	51
	o parent holds a	0	First-generation	15	47	1,725	52	99	51	10,297	41	20	43	3,329	57	120	51	18,686	49
bac	chelor's degree)	(Recoded from parented)	Total	32	100	3,313	100	193	100	24,885	100	46	100	5,878	100	255	100	38,357	100
29. Wł	hat is your gender	genderid	Man	12	38	1,311	40	70	36	10,933	44	21	47	2,403	41	97	38	16,812	44
	entity?	U	Woman	19	59	1,950	59	118	61	13,695	55	24	53	3,401	58	153	60	21,042	55
			Another gender identity	0	0	13	0	3	2	74	0	0	0	12	0	2	1	99	0
			I prefer not to respond	1	3	40	1	4	2	217	1	0	0	59	1	3	1	422	1
			Total	32	100	3,314	100	195	100	24,919	100	45	100	5,875	100	255	100	38,375	100
30. Ent	nter your year of birth	agecat	19 or younger	24	77	2,378	72	147	76	20,500	83	0	0	18	0	0	0	118	0
(e.g	.g., 1994):	(Recoded	20-23	3	10	264	8	18	9	2,037	8	30	67	2,490	43	124	49	21,691	57
		from the	24-29	1	3	165	5	10	5	642	3	6	13	940	16	46	18	5,886	15
		information	30-39	1	3	253	8	12	6	804	3	4	9	1,114	19	40	16	5,028	13
		entered in	40-55	2	6	209	6	5	3	730	3	4	9	1,125	19	40	16	4,816	13
		birthyear)	Over 55	0	0	25	1	1	1	80	0	1	2	147	3	3	1	569	1
			Total	31	100	3,294	100	193	100	24,793	100	45	100	5,834	100	253	100	38,108	100
31a. Are	re you an	internat	No	28	88	2,971	91	174	92	22,485	91	41	95	5,518	95	236	94	35,707	94
inte	ternational student?		Yes	4	13	310	9	15	8	2,215	9	2	5	311	5	15	6	2,361	6
			Total	32	100	3,281	100	189	100	24,700	100	43	100	5,829	100	251	100	38,068	100
	ternational student	countrycol	Africa Sub-Saharan	0	0	12	4	1	8	144	7	0	0	21	7	1	7	131	6
	untry of citizenship,		Asia	0	0	143	49	6	46	1,104	53	1	50	142	47	6	43	1,168	52
	llapsed into regions	(Recoded from	Canada	0	0	11	4	0	0	70	3	0	0	9	3	1	7	71	3
	NSSE. Responses to ountry are in the data	country.)	Europe	1	25	41	14	3	23	343	16	0	0	37	12	0	0	319	14
	e. U.S. (domestic)		Latin America and Caribbean	2	50	45	16	1	8	278	13	1	50	48	16	1	7	373	17
	idents did not receive		Middle East and North Africa	1	25	32	11	1	8	134	6	0	0	39	13	4	29	176	8
this	is question.		Oceania	0	0	5	2	1	8	18	1	0	0	4	1	1	7	20	1
			Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Total	4	100	289	100	13	100	2,091	100	2	100	300	100	14	100	2,258	100

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Respondent Profile: Business

Business					First-Y	'ear	Students	а		Seniors <sup>a</sup>									
									NSSE 2015 &								NSSE 201	5 &	
				Tennessee	Tech	Carnegie C	ass	THEC Peer G	roup	2016		Tennessee 1	Гech	Carnegie Cl;	ass	THEC Peer Gr	roup	2016	
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32.	What is your racial or	re_amind	American Indian or Alaska Native	1	3	58	2	4	2	468	2	1	2		2		1	728	2
	ethnic identification?	re_asian	Asian	1	3	400	12	6	3	2,841	11	2	4	569	10	12	5	3,666	10
	(Select all that apply.)	re_black	Black or African American	4	13	452	14	56	29	2,556	10	0	0	723	12	48	19	3,649	10
		re_latino	Hispanic or Latino	2	6	543	16	9	5	2,960	12	2	4	850	14	9	4	4,138	11
		re_pacific	Native Hawaiian or Other Pacific Islander	0	0	52	2	2	1	252	1	0	0	46	1	1	0	315	1
		re_white	White	23	72	1,890	57	119	62	16,566	67	39	87	3,627	62	185	73	26,171	68
		re_other	Other	1	3	94	3	6	3	576	2	1	2	140	2	2	1	823	2
		re_pnr	I prefer not to respond	2	6	122	4	8	4	740	3	1	2	230	4	7	3	1,398	4
	Racial or ethnic	re_all	American Indian or Alaska Native	0	0	20	1	0	0	137	1	0	0	37	1	0	0	231	1
	identification	(Recoded from	Asian	0	0	339	10	6	3	2,397	10	2	4	487	8	11	4	3,124	8
		re_amind	Black or African American	4	13	384	12	49	25	2,106	8	0	0	635	11	43	17	3,141	8
		through	Hispanic or Latino	2	6	430	13	5	3	2,195	9	2	4	677	12	6	2	3,204	8
		re_pnr	Native Hawaiian/Other Pac. Islander	0	0	19	1	1	1	89	0	0	0	13	0	0	0	126	0
		where each student is	White	21	66	1,700	51	110	57	15,141	61	38	84	3,337	57	178	70	24,364	64
		represented only	Other	1	3	68	2	2	1	367	1	1	2	101	2	1	0	547	1
		once)	Multiracial	2	6	236	7	12	6	1,718	7	1	2	355	6	8	3	2,172	6
			I prefer not to respond	2	6	122	4	8	4	740	3	1	2	230	4	7	3	1,398	4
			Total	32	100	3,318	100	193	100	24,890	100	45	100	5,872	100	254	100	38,307	100
33.	Are you a member of a	greek	No	27	84	3,026	91	173	89	21,560	87	38	84	5,266	90	214	84	33,179	87
	social fraternity or		Yes	5	16	283	9	22	11	3,290	13	7	16	598	10	41	16	5,058	13
	sorority?		Total	32	100	3,309	100	195	100	24,850	100	45	100	5,864	100	255	100	38,237	100
34.	Which of the following	living	Dormitory or other campus housing	15	47	1,553	47	95	49	15,659	63	1	2	464	8	19	8	4,785	13
	best describes where		(not fraternity or sorority house)			,													
	you are living while		Fraternity or sorority house	1	3	19	1	2	1	264	1	3	7	29	0	2	1	585	2
	attending college?		Residence (house, apartment, etc.) <i>within walking distance</i> to the	6	19	241	7	19	10	1,894	8	10	23	774	13	45	18	8,374	22
			institution	0	19	241	/	19	10	1,094	0	10	23	//4	15	45	10	0,574	22
			Residence (house, apartment, etc.)																
			farther than walking distance	10	31	1,179	36	72	37	5,963	24	29	66	3,981	68	179	71	22,178	58
			to the institution																
			None of the above	0	0	313	9	6	3	1,041	4	1	2		10		2	2,331	6
			Total	32	100	3,305	100	194	100	24,821	100	44	100	,	100		100	38,253	100
35.	Are you a student-	athlete	No	31	97	3,018	92	180	93	21,544	87	42	95		97		98	35,376	93
	athlete on a team		Yes	1	3	270	8	14	7	3,186	13	2	5		3		2	2,672	7
	sponsored by your institution's athletics department?		Total	32	100	3,288	100	194	100	24,730	100	44	100	5,829	100	252	100	38,048	100



**Respondent Profile: Business** 

Business					First-Y	'ear	Students	а			Seniors <sup>a</sup>								
										NSSE 2015	5 &							NSSE 2015	5 &
				Tennessee	Tech	Carnegie Class		THEC Peer G	iroup	2016		Tennessee T	ech	Carnegie Cla	iss .	THEC Peer Gr	oup	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	28	88	3,205	98	188	97	24,223	98	41	93	5,309	91	238	94	35,495	93
	former member of the		Yes	4	13	81	2	5	3	492	2	3	7	526	9	15	6	2,611	7
	U.S. Armed Forces, Reserves, or National		Total	32	100	3,286	100	193	100	24,715	100	44	100	5,835	100	253	100	38,106	100
37a.	Guard? Have you been	disability	No	28	00	2,937	89	179	92	22,242	90	37	84	5,236	89	223	88	33,970	
57a.	diagnosed with any	disability			88					,									89
	disability or		Yes	2	6	236	7	10	5	1,833	7	6	14	448	8	23	9	3,206	8
	impairment?		I prefer not to respond	2	6	131	4	6	3	768	3	1	2	181	3	7	3	1,125	3
	(1) 11 11		Total	32	100	3,304	100	195	100	24,843	100	44	100	5,865	100	253	100	38,301	100
D	[If answered "yes"] Which of the following	dis_sense	A sensory impairment (vision or hearing)	1	50	29	12	2	20	247	14	0	0	67	15	6	26	453	14
	has been diagnosed?	dis_mobility	A mobility impairment	0	0	29	12	0	0	134	7	0	0	80	18	0	0	443	14
	(Select all that apply.)	dis_learning	A learning disability (e.g., ADHD, dyslexia)	0	0	103	44	7	70	952	52	3	50	168	38	11	48	1,380	43
		dis_mental	A mental health disorder	0	0	58	25	1	10	455	25	2	33	119	27	6	26	878	28
		dis_other	A disability or impairment not listed above	1	50	50	21	1	10	347	19	1	17	129	29	6	26	804	25
	Disability or	disability_all	A sensory impairment	1	3	21	1	2	1	176	1	0	0	35	1	3	1	257	1
	impairment	(Recoded from	A mobility impairment	0	0	19	1	0	0	87	0	0	0	41	1	0	0	234	1
		disability and	A learning disability	0	0	86	3	6	3	771	3	3	7	128	2	9	4	1,044	3
		dis_sense	A mental health disorder	0	0	42	1	0	0	285	1	2	5	60	1	3	1	495	1
		through	A disability or impairment not listed	1	3	38	1	1	1	236	1	1	2	93	2	4	2	534	1
		dis_other where each student is	More than one disability or impairment	0	0	30	1	1	1	268	1	0	0	88	2	4	2	611	2
		represented only	No disability or impairment	28	88	2,937	89	179	92	22,242	90	37	84	5,236	89	223	88	33,970	89
		once)	Prefer not to respond	2	6	131	4	6	3	768	3	1	2	181	3	7	3	1,125	3
			Total	32	100	3,304	100	195	100	24,833	100	44	100	5,862	100	253	100	38,270	100
38.	Which of the following	sexorient14	Heterosexual			891	87	61	87	9,585	89			1,357	88	107	90	13,525	88
	best describes your		Gay			17	2	1	1	146	1			17	1	1	1	213	1
	sexual orientation?		Lesbian			7	1	0	0	48	0			12	1	0	0	103	1
	(Question		Bisexual			19	2	1	1	194	2			34	2	2	2	297	2
	administered per		Another sexual orientation			9	1	3	4	77	1			7	0	2	2	98	1
	institution request)		Questioning or unsure			12	1	0	0	106	1			12	1	1	1	78	1
			I prefer not to respond			70	7	4	6	578	5			106	7	6	5	977	6
			Total			1,025	100	70	100	10,734	100			1,545	100	119	100	15,291	100



Respondent Profile: Business

									0						2			
Business				First-Y	'ear	Students	3		Seniors <sup>a</sup>									
									NSSE 2015	8							NSSE 201	5 &
			Tennessee	Tech	Carnegie Cl	ass	THEC Peer G	roup	2016		Tennessee T	「ech	Carnegie C	lass T	HEC Peer G	iroup	2016	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	
itution-reported info			count	70	count	70	count	70	count	70	count	70	count	70	count	70	count	
ables provided by your inst		SE population file.)																
Institution-reported sex	IRsex	Female	19	59	2,012	60	122	62	13,981	55	26	54	3,468	59	155	61	21,494	5
		Male	13	41	1,347	40	75	38	11,227	45	22	46	2,457	41	101	39	17,231	2
		Total	32	100	3,359	100	197	100	25,208	100	48	100	5,925	100	256	100	38,725	10
Institution-reported	IRrace	American Indian or Alaska Native	0	0	8	0	1	1	110	0	0	0	25	0	0	0	209	
race or ethnicity		Asian	2	6	231	7	2	1	1,210	5	2	4	342	6	2	1	1,737	
		Black or African American	3	9	351	11	56	28	1,910	8	0	0	622	11	48	19	3,056	
		Hispanic or Latino	0	0	444	14	4	2	2,501	11	0	0	692	12	7	3	3,567	
		Native Hawaiian/Other Pac. Islander	0	0	6	0	0	0	84	0	0	0	13	0	0	0	128	
		White	25	78	1,494	47	102	52	13,791	59	44	92	3,039	54	175	68	22,403	(
		Other	0	0	0	0	0	0	16	0	0	0	0	0	0	0	3	
		Foreign or nonresident alien	0	0	217	7	15	8	1,783	8	0	0	237	4	15	6	1,883	
		Two or more races/ethnicities	2	6	191	6	11	6	843	4	0	0	172	3	5	2	908	
		Unknown	0	0	236	7	6	3	942	4	2	4	444	8	4	2	1,594	
		Total	32	100	3,178	100	197	100	23,190	100	48	100	5,586	100	256	100	35,488	10
Institution-reported	IRclass	Freshman/First-Year	32	100	3,359	100	197	100	25,212	100	0	0	0	0	0	0	0	
class level		Sophomore	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	
		Senior	0	0	0	0	0	0	0	0	48	100	5,926	100	256	100	38,732	10
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	32	100	3,359	100	197	100	25,212	100	48	100	5,926	100	256	100	38,732	10
Institution-reported	IRftfy	No	8	25	798	24	51	26	3,748	15	48	100	5,926	100	256	100	38,459	9
first-time first-year (FTFY) status		Yes	24	75	2,561	76	146	74	21,464	85	0	0	0	0	0	0	272	
		Total	32	100	3,359	100	197	100	25,212	100	48	100	5,926	100	256	100	38,731	10
Institution-reported	IRenrollment	Not full-time	0	0	221	7	16	8	1,321	5	5	10	1,121	19	61	24	7,326	1
enrollment status		Full-time	32	100	3,138	93	181	92	23,891	95	43	90	4,805	81	195	76	31,406	8
		Total	32	100	3,359	100	197	100	25,212	100	48	100	5,926	100	256	100	38,732	10



**Endnotes: Business** 

#### **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 < .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.
- $\Delta$  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.