

_	student engagement								NSU co	mpared	with:			
					NSU		ULS		Carn	egie C	lass	SR	EB 20	10
		Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig ^b	Effect Size ^c
1. A	cademic and Intellectual Experiences				In your experience at you the following? 1=Never,					ear, abou	t how ofte	n have you	done eac	h of
a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY SR	3.00 3.24	2.79 3.09	** ***	.24 .18	2.85 3.15	*	.17 .11	2.89 3.16	*	.13 .10
b.	Made a class presentation	CLPRESEN	ACL	FY SR	2.03 2.43	2.09 2.76	***	07 38	2.32 2.86	*** ***	36 50	2.26 2.89	** ***	26 51
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY SR	2.71 2.69	2.85 2.62		14 .07	2.77 2.57	**	05 .13	2.96 2.77	**	25 08
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY SR	3.08 3.32	3.10 3.27		02 .07	3.12 3.36		05 05	3.17 3.32		11 .00
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY SR	2.85 2.93	2.68 2.77	* ***	.18 .17	2.82 2.89		.04 .04	2.72 2.89		.14 .04
f.	Come to class without completing readings or assignments	CLUNPREP		FY SR	1.91 1.82	1.90 2.02	***	.02 26	1.96 2.03	***	05 27	1.88 1.98	***	.04 22
g.	Worked with other students on projects during class	CLASSGRP	ACL	FY SR	2.27 2.33	2.47 2.67	** ***	23 38	2.49 2.63	*** ***	25 33	2.47 2.71	** ***	23 41
h.	Worked with classmates outside of class to prepare class assignments	OCCGRP	ACL	FY SR	2.26 2.35	2.30 2.80	***	04 47	2.40 2.74	***	15 42	2.39 2.79	***	14 46
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY SR	2.47 2.79	2.54 2.88	*	08 11	2.63 2.93	* ***	19 18	2.63 2.93	* **	18 17
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY SR	1.65 1.72	1.75 1.92	***	11 20	1.65 1.81	*	.00 10	1.76 1.88	***	12 16
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY SR	1.49 1.69	1.56 1.82	**	07 14	1.59 1.77		11 08	1.53 1.87	***	04 19

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).



					NSU		ULS		Carn	egie C	ไลรร	SR	EB 201	10
		Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig b	Effect Size °
1.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY SR	2.65 3.13	2.63 2.90	***	.02 .23	2.61 2.87	***	.04 .25	2.63 2.94	***	.02 .18
m.	Used e-mail to communicate with an instructor	EMAIL		FY SR	3.32 3.55	3.09 3.40	*** ***	.27 .20	3.21 3.44	**	.14 .14	3.20 3.47	*	.14 .11
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY SR	2.84 3.08	2.67 2.94	* ***	.19 .16	2.67 2.86	* ***	.19 .25	2.83 2.99	*	.01 .10
0.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY SR	2.25 2.43	2.29 2.48		04 04	2.23 2.41		.02 .02	2.43 2.50	*	19 07
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY SR	1.82 2.07	1.84 2.11		02 05	1.90 2.08		09 01	1.98 2.19	*	17 12
q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	SFI	FY SR	2.69 2.93	2.65 2.86		.05 .08	2.70 2.84	*	01 .11	2.70 2.81	**	01 .15
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY SR	2.84 2.86	2.78 2.91		.06 06	2.75 2.82		.10 .05	2.87 2.95	*	04 10
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY SR	1.75 1.73	1.61 1.91	***	.16 18	1.67 1.82	*	.10 09	1.72 1.91	***	.03 18
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY SR	2.83 2.87	2.75 2.86		.09 .01	2.75 2.89		.09 02	2.75 2.90		.08 03
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY SR	2.77 2.77	2.56 2.72	**	.20 .05	2.57 2.66	*	.20 .11	2.51 2.62	** **	.25 .15
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	EEE	FY SR	2.76 2.75	2.56 2.71	*	.19 .04	2.65 2.69		.11 .05	2.58 2.60	* **	.18 .15

NSU compared with:

^a Weighted by gender and enrollment status (and size for comparisons).

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).



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					NSU		ULS		Carn	egie C	lass	SR	EB 201	10
	_	Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig ^b	Effect Size °
2. N	Iental Activities				During the current school	•			oursework e	emphasize	ed the follo	wing menta	l activiti	es?
<i>2.</i> <u>IV</u>	Memorizing facts, ideas, or methods from your				1=Very little, 2=Some, 3	=Quite a t	<i>511, 4=ve</i>	rymucn						
a.		MEMORIZE		FY	3.01	3.04		03	2.97		.05	3.02		01
	pretty much the same form			SR	2.83	2.93	*	11	2.83		.00	2.90		09
	Analyzing the basic elements of an idea,													
b.	experience, or theory, such as examining a	ANALYZE	LAC											
	particular case or situation in depth and considering			FY	3.04	3.06		02	3.10		08	3.06		02
	its components			SR	3.22	3.23		01	3.26		06	3.24		03
C	Synthesizing and organizing ideas, information, or	SYNTHESZ	LAC	FY	2.84	2.87		04	2.91		09	2.86		03
c.	experiences into new, more complex interpretations	SINIIESZ	LAC	SR	3.12	3.04		.10	3.07		.09	3.07		.05
	and relationships Making judgments about the value of info.,			SK	5.12	5.04		.10	5.07		.00	5.07		.00
	arguments, or methods, such as examining how		T L G											
d.	others gathered and interpreted data and assessing	EVALUATE	LAC	FY	2.88	2.94		07	2.95		08	2.95		07
	the soundness of their conclusions			SR	3.11	3.02	*	.10	3.04		.08	3.06		.06
e.	Applying theories or concepts to practical	APPLYING	LAC	FY	2.98	3.06		09	3.06		09	3.04		07
e.	problems or in new situations	AFFLING	LAC	SR	3.23	3.26		04	3.24		01	3.24		01
3. R	eading and Writing				1=None, 2=1-4, 3=5-10,	4=11-20,	5=More	than 20	•	0				
	Number of assigned textbooks, books, or			FY	3.39	3.00	***	.38	3.24		.15	3.07	***	.31
a.	book-length packs of course readings	READASGN	LAC	SR	3.16	3.03	*	.12	3.18		02	3.11		.04
b.	Number of books read on your own (not assigned)	READOWN		FY	2.21	2.13		.08	2.07		.15	2.14		.07
	for personal enjoyment or academic enrichment			SR	2.27	2.21		.06	2.19		.08	2.22		.05
	Number of written papers or reports of 20 pages or			FY	1.38	1.30		.11	1.33		.08	1.40		02
c.	more	WRITEMOR	LAC	SR	1.50	1.61	**	14	1.65	***	18	1.66	***	19
	Number of written papers or reports between 5			FY	2.03	2.06		03	2.24	**	24	2.06		03
d.	and 19 pages	WRITEMID	LAC	FY SR	2.03	2.00		05 01	2.24	***	24 23	2.00		05 07
	Number of written papers or reports of fewer than						*	<u> </u>				-		
e.		WRITESML	LAC	FY	2.86	2.66	* ***	.21	3.03	* ***	16	2.76	***	.10
	5 pages			SR	2.51	2.73		19	2.97	.111.	39	2.75		20

^a Weighted by gender and enrollment status (and size for comparisons).

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).



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		Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig b	Effect Size °	Mean ^a	Sig ^b	Effect Size °
4.	Problem Sets				1=None, 2=1-2, 3=3-4, 4	4=5-6, 5=1	More than	ı 6						
	Number of problem sets that take you more than an hour to complete	PROBSETA		FY SR	2.67 2.74	2.72 2.71		04 .02	2.68 2.67		01 .05	2.81 2.78		11 04
	Number of problem sets that take you less than an hour to complete	PROBSETB		FY SR	2.85 2.46	2.85 2.50		01 03	2.84 2.46		.00 .00	2.80 2.51		.03 04
5.	Examinations				<i>1=Very little to 7=Very r</i>	nuch								
-	Select the circle that best represents the extent to which your examinations during the current school	EXAMS		FY	5.55	5.43		.10	5.41		.12	5.38		.14
	year have challenged you to do your best work.			SR	5.66	5.59		.06	5.52	*	.11	5.63		.02
6.	Additional Collegiate Experiences				1=Never, 2=Sometimes,	3=Often, 4	t=Very of	ften .		v				
	Attended an art exhibit, play, dance, music, theater or other performance	ATDART07		FY SR	2.49 1.90	2.10 1.91	***	.42 01	2.17 1.98	***	.34 08	2.20 1.96	***	.30 07
	Exercised or participated in physical fitness activities	EXRCSE05		FY SR	2.72 2.48	2.66 2.59	*	.05 11	2.80 2.65	***	07 16	2.63 2.49		.08 01
	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHP05		FY SR	2.36 2.62	2.28 2.37	***	.07 .22	1.99 2.09	*** ***	.35 .48	2.20 2.32	***	.14 .26
	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW		FY SR	2.68 2.79	2.60 2.70		.09 .09	2.59 2.69	*	.10 .10	2.62 2.68	*	.07 .12
	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW		FY SR	2.85 2.91	2.80 2.85		.05 .07	2.80 2.88		.05 .04	2.83 2.84		.02 .08
	Learned something that changed the way you understand an issue or concept	CHNGVIEW		FY SR	2.96 2.95	2.90 2.91		.08	2.88 2.92		.10	2.91 2.93		.06
7.	Enriching Educational Experiences				Which of the following has (Recoded: 0=Have not de responding "Done" amon	ecided, Do	not plan	to do, Pla						
	A. Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	EEE	FY SR	.08 .36	.08 .46	***	.01 21	.07 .47	***	.06 21	.08 .43	**	.01 14

^a Weighted by gender and enrollment status (and size for comparisons).

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).



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		Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig b	Effect Size °	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig b	Effect Size °
b.	Community service or volunteer work	VOLNTR04	EEE	FY SR	.35 .45	.34 .56	***	.02 21	.36 .56	***	03 22	.31 .54	**	.08 16
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	EEE	FY SR	.17 .25	.12 .30	*	.14 12	.16 .26		.02 03	.14 .30	*	.07 10
d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY SR	.04 .14	.06 .17	*	10 09	.06 .16		07 06	.07 .17		12 09
e.	Foreign language coursework	FORLNG04	EEE	FY SR	.10 .29	.10 .28		01 .04	.16 .34	** *	17 09	.12 .27		08 .05
f.	Study abroad	STDABR04	EEE	FY SR	.04 .04	.06 .08	***	09 16	.03 .10	***	.03 21	.06 .07	***	12 15
g.	Independent study or self-designed major	INDSTD04	EEE	FY SR	.07 .18	.08 .15		.00 .09	.04 .14	*	.16 .11	.09 .18		05 01
h.	Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	EEE	FY SR	.02 .18	.02 .27	***	03 21	.02 .31	***	02 28	.03 .24	**	07 14
. <u>Q</u> ı	ality of Relationships				Select the circle that best 1=Unfriendly, Unsuppor	t represent		lity of your	r relationsk		people at y	our institu	tion.	
a.	Relationships with other students	ENVSTU	SCE	FY SR	5.59 5.65	5.54 5.76		.03 08	5.46 5.63		.10 .02	5.46 5.73		.09 06
					1=Unavailable, Unhelpf	ul, Unsym	pathetic t	o 7=Availd	able, Helpf	ul, Sympo	athetic			
b.	Relationships with faculty members	ENVFAC	SCE	FY SR	5.17 5.56	5.21 5.46		03 .07	5.26 5.50		07 .04	5.18 5.48		01 .05
					1=Unhelpful, Inconsider	ate, Rigid	to 7=Hel	pful, Cons	iderate, Fl	exible				
c.	Relationships with administrative personnel and offices	ENVADM	SCE	FY SR	4.73 5.14	4.80 4.78	***	04 .22	4.81 4.69	***	05 .27	4.82 4.76	***	05 .22

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

^c Mean difference divided by pooled SD

8.



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					NSU		ULS		Carn	egie C	lass	SR	EB 20	10
		Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig b	Effect Size °	Mean ^a	Sig b	Effect Size °	Mean ^a	Sig ^b	Effect Size ^c
9. <u>T</u>	'ime Usage				About how many hours de 1=0 hrs/wk, 2=1-5 hrs/wk 8=More than 30 hrs/wk	•	• •						7=26-301	'ırs/wk,
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY SR	4.10 4.22	3.96 4.18		.08 .02	4.00 4.15		.06 .04	3.87 4.06		.14 .09
b.	Working for pay on campus	WORKON01		FY SR	1.37 1.58	1.47 1.72		08 09	1.51 1.70		11 08	1.52 1.71		11 08
c.	Working for pay off campus	WORKOF01		FY SR	3.12 4.43	2.95 4.01	**	.07 .15	2.49 4.09	** *	.27 .12	3.05 4.24		.03 .06
d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY SR	2.11 1.67	2.03 1.99	***	.05 21	2.20 1.99	***	06 21	1.99 1.94	***	.07 18
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY SR	3.58 3.26	3.67 3.38		05 08	3.79 3.46	**	12 13	3.50 3.22		.05 .02
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY SR	2.54 3.87	2.26 2.98	***	.13 .33	2.01 2.80	** ***	.28 .42	2.62 3.63		03 .08
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY SR	2.26 2.08	2.53 2.56	** ***	21 39	2.36 2.46	***	08 32	2.66 2.74	*** ***	28 46
10. <u>I</u> 1	nstitutional Environment			SIL	To what extent does your 1=Very little, 2=Some, 3=	institutior	*	ize each oj		ing?				
a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY SR	3.10 3.21	3.21 3.19		14 .03	3.12 3.13	*	03 .10	3.17 3.17		08 .05
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY SR	3.10 3.05	3.07 2.95	*	.04 .12	3.08 2.96	*	.02 .11	3.06 2.98		.05 .09
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.79	2.65	4.4.5	.14	2.72	÷	.07	2.69		.11
				SR	2.69	2.52	***	.17	2.57	*	.12	2.60		.08

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).



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		Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig b	Effect Size ^c
d.	Helping you cope with your non-academic	ENVNACAD	SCE	FY	2.41	2.30		.10	2.31		.09	2.37		.03
	responsibilities (work, family, etc.)			SR	2.12	2.05		.07	2.03		.09	2.16		04
e.	Providing the support you need to thrive socially	ENVSOCAL	SCE	FY SR	2.62 2.28	2.53 2.26		.10 .03	2.53 2.26		.09 .03	2.57 2.35		.06 07
	Attending campus events and activities (special			ы	2.20	2.20		.05	2.20		.05	2.55		.07
f.	speakers, cultural performances, athletic	ENVEVENT		FY	2.83	2.81		.02	2.82		.01	2.81		.02
	events, etc.)			SR	2.45	2.59	**	14	2.56	*	11	2.59	**	14
σ	Using computers in academic work	ENVCOMPT		FY	3.38	3.40		02	3.32		.08	3.36		.02
g.	Using computers in academic work	LIVEONIT		SR	3.57	3.47	*	.13	3.44	***	.17	3.46	**	.14
				EV	1=Very little, 2=Some, 3.14	3=Quite a 3.15	bit, 4=Ve	ery much 02	3.18		05	3.15		01
. <u>E</u>	lucational and Personal Growth				development in the follo 1=Very little, 2=Some,			ery much						
a.	Acquiring a broad general education	GNGENLED		FY SR	3.22	3.13		02 08	3.18		03 04	3.13 3.28		01
b.	Acquiring job or work-related knowledge	GNWORK		FY	3.03	2.88		.16	2.82	**	.22	2.88		.16
υ.	and skills	ONWORK		SR	3.22	3.15		.08	3.09	**	.14	3.16		.06
c.	Writing clearly and effectively	GNWRITE		FY	3.13	3.08		.06	3.08		.07	3.16		03
				SR	3.25	3.17		.09	3.13	**	.14	3.19		.06
d.	Speaking clearly and effectively	GNSPEAK		FY	3.04	2.92		.13	2.94		.12	3.04		.00
				SR	3.12	3.12		01	3.05		.07	3.16		06
e.	Thinking critically and analytically	GNANALY		FY	3.33	3.24		.12	3.22		.15	3.25		.11
				SR	3.45	3.37		.10	3.34	**	.13	3.36	*	.12
f.	Analyzing quantitative problems	GNQUANT		FY	3.09	3.03		.08	2.96		.16	3.04		.07
				SR	3.24	3.17		.09	3.09	***	.18	3.17		.09
g.	Using computing and information technology	GNCMPTS		FY	3.16	3.21		06	3.06		.11	3.19		04
				SR	3.42	3.32	*	.12	3.22	***	.24	3.36		.07
h.	Working effectively with others	GNOTHERS		FY	3.09	3.03		.07	3.04		.06	3.09		.00
				SR	3.23	3.23		.00	3.19		.05	3.25		02

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		Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig b	Effect Size °	Mean ^a	Sig ^b	Effect Size °	Mean ^a	Sig b	Effect Size
i.	Voting in local, state, or national elections	GNCITIZN		FY	1.93	2.03		09	1.98		05	2.20	** ***	24
				SR	2.17	2.15		.02	2.14		.03	2.40	***	21
j.	Learning effectively on your own	GNINQ		FY SR	2.94 3.22	3.02 3.10	**	09 .13	2.94 3.04	***	01 .20	3.04 3.12	*	12 .11
k.	Understanding yourself	GNSELF		FY SR	2.85 2.97	2.84 2.84	**	.01 .13	2.83 2.84	**	.01 .13	2.95 2.94		11 .03
1.	Understanding people of other racial and ethnic backgrounds	GNDIVERS		FY SR	2.72 2.80	2.66 2.67	*	.06	2.72 2.70	*	.01	2.76 2.81		04 01
m.	Solving complex real-world problems	GNPROBSV		FY SR	2.75 2.88	2.76 2.84		.00	2.71 2.79	*	.05	2.78 2.90		02
n.	Developing a personal code of values and ethics	GNETHICS		FY SR	2.78 2.86	2.72 2.78		.06	2.72 2.75	*	.07	2.81 2.86		03
0.	Contributing to the welfare of your community	GNCOMMUN		FY SR	2.39 2.58	2.39 2.51		.00	2.46 2.50		06 .07	2.44 2.62		05 04
p.	Developing a deepened sense of spirituality	GNSPIRIT		FY SR	2.24 2.23	2.26 2.04	***	03	2.16 1.98	***	.07	2.33 2.22		08
2. A	cademic Advising			SIC	1=Poor, 2=Fair, 3=God		llent	,	1.50					.01
	Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE		FY SR	3.14 3.18	3.15 2.99	***	02 .20	3.06 2.91	***	.09 .28	3.06	***	.08 .24
13. Sa	tisfaction			SIC	1=Poor, 2=Fair, 3=God		llent	.20	2.91		.20	2.90		.21
	How would you evaluate your entire educational experience at this institution?	ENTIREXP		FY SR	3.20 3.26	3.18 3.18	*	.03 .11	3.19 3.19	*	.01 .09	3.08 3.14	**	.15
14.					1=Definitely no, 2=Prol	bably no, 3	=Probab	ly yes, 4=	Definitely y	es				
	If you could start over again, would you go to the same institution you are now attending?	SAMECOLL		FY SR	3.22 3.25	3.24 3.19		03 .07	3.19 3.17		.03 .09	3.04 3.15	* *	.20 .12

IPEDS: 160038

^a Weighted by gender and enrollment status (and size for comparisons).

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).