

# Chapter XXV: COLLEGE STUDENT EXPERIENCE QUESTIONNAIRE, FULL DATA

This chapter contains the full 2005-2006 CSEQ frequency reports.

Summer 2005 results: .....2-48

Fall 2005 results.....49-96

Spring 2006 results.....97-144

(For a list of local questions, see Volume II, Chapter VI.)

**Truman State University**  
CSEQ Summer 2005 Juniors

**Background Characteristics**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Surveys submitted	Yes	14	100	23	100	37	100
Age of student	19 or younger	0	0	4	17	4	11
	20-23	12	86	18	78	30	81
	24-29	2	14	1	4	3	8
Total		14	100	23	100	37	100
Marital status	not married	12	86	22	96	34	92
	married	2	14	1	4	3	8
Total		14	100	23	100	37	100
College classification	junior	4	29	15	65	19	51
	senior	10	71	8	35	18	49
Total		14	100	23	100	37	100
Enter college here or transfer	started here	10	71	21	91	31	84
	transferred	4	29	2	9	6	16
Total		14	100	23	100	37	100
Where live now during school	dorm, other housing	1	7	3	13	4	11
	residence in walking	9	64	18	78	27	73
	residence in driving	4	29	2	9	6	16
Total		14	100	23	100	37	100
Live with: no one	no	12	86	20	87	32	86
	yes	2	14	3	13	5	14
Total		14	100	23	100	37	100
Live with: other students	no	4	29	6	26	10	27
	yes	10	71	17	74	27	73
Total		14	100	23	100	37	100
Live with: spouse or partner	no	12	86	22	96	34	92
	yes	2	14	1	4	3	8
Total		14	100	23	100	37	100
Live with: my child	no	13	93	22	96	35	95
	yes	1	7	1	4	2	5
Total		14	100	23	100	37	100
Live with: my parents	no	14	100	22	96	36	97
	yes	0	0	1	4	1	3
Total		14	100	23	100	37	100
Live with: other relatives	no	14	100	21	91	35	95
	yes	0	0	2	9	2	5
Total		14	100	23	100	37	100
Live with: friends not	no	14	100	23	100	37	100
Total		14	100	23	100	37	100
Live with: others	no	14	100	22	96	36	97
	yes	0	0	1	4	1	3
Total		14	100	23	100	37	100
Access to a computer	yes	14	100	22	96	36	97
	no	0	0	1	4	1	3
Total		14	100	23	100	37	100
Grades at this college	B-, C+	1	7	5	22	6	16
	B	6	43	7	30	13	35
	A-, B+	5	36	6	26	11	30
	A	2	14	5	22	7	19
Total		14	100	23	100	37	100

**Truman State University**  
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**Background Characteristics**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Parents graduate from college	no	4	29	4	17	8	22
	yes, both parents	5	36	13	57	18	49
	yes, father only	2	14	2	9	4	11
	yes, mother only	2	14	3	13	5	14
	do not know	1	7	1	4	2	5
Total		14	100	23	100	37	100
Enroll for a more advanced degree	yes	10	71	21	91	31	84
	no	4	29	2	9	6	16
Total		14	100	23	100	37	100
Number of term credit hours	6 or fewer	4	29	10	45	14	39
	7-11	6	43	9	41	15	42
	12-14	2	14	0	0	2	6
	15-16	2	14	3	14	5	14
Total		14	100	22	100	36	100
Hours on out of class academic work	5 or less hrs weekly	3	21	1	4	4	11
	6-10 hrs weekly	4	29	8	35	12	32
	11-15 hrs weekly	2	14	4	17	6	16
	16-20 hrs weekly	0	0	4	17	4	11
	21-25 hrs weekly	3	21	3	13	6	16
	26-30 hrs weekly	1	7	2	9	3	8
Total		14	100	23	100	37	100
Hours working on campus for pay	none; no job	7	50	10	45	17	47
	1-10 hrs weekly	1	7	8	36	9	25
	11-20 hrs weekly	5	36	4	18	9	25
	21-30 hrs weekly	1	7	0	0	1	3
Total		14	100	22	100	36	100
Hours working off campus for pay	none; no job	10	71	11	50	21	58
	1-10 hrs weekly	2	14	4	18	6	17
	11-20 hrs weekly	0	0	4	18	4	11
	21-30 hrs weekly	1	7	2	9	3	8
	31-40 hrs weekly	1	7	1	5	2	6
Total		14	100	22	100	36	100
How job affects school work	no job	5	36	4	17	9	24
	does not interfere	2	14	5	22	7	19
	takes some time	5	36	11	48	16	43
	takes lots of time	2	14	3	13	5	14
Total		14	100	23	100	37	100
Meet expenses: self	none	1	9	3	14	4	12
	very little	5	45	11	50	16	48
	less than half	3	27	8	36	11	33
	about half	1	9	0	0	1	3
	more than half	1	9	0	0	1	3
Total		11	100	22	100	33	100
Meet expenses: parents	none	1	9	8	35	9	26
	very little	5	45	3	13	8	24
	less than half	1	9	3	13	4	12
	about half	3	27	2	9	5	15
	more than half	0	0	2	9	2	6
	all or nearly all	1	9	5	22	6	18
Total		11	100	23	100	34	100

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**Background Characteristics**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Meet expenses: spouse or partner	none	8	80	20	100	28	93
	very little	1	10	0	0	1	3
	about half	1	10	0	0	1	3
Total		10	100	20	100	30	100
Meet expenses: employer	none	10	100	20	100	30	100
Total		10	100	20	100	30	100
Meet expenses: scholarships and grants	none	2	18	3	13	5	15
	very little	0	0	5	22	5	15
	less than half	1	9	5	22	6	18
	about half	4	36	2	9	6	18
	more than half	1	9	4	17	5	15
	all or nearly all	3	27	4	17	7	21
Total		11	100	23	100	34	100
Meet expenses: loans	none	5	42	11	52	16	48
	very little	1	8	1	5	2	6
	less than half	2	17	0	0	2	6
	about half	3	25	7	33	10	30
	more than half	0	0	2	10	2	6
	all or nearly all	1	8	0	0	1	3
Total		12	100	21	100	33	100
Meet expenses: other sources	none	9	100	14	78	23	85
	very little	0	0	1	6	1	4
	less than half	0	0	1	6	1	4
	more than half	0	0	2	11	2	7
Total		9	100	18	100	27	100
Race: American Indian or	no	13	100	23	100	36	100
Total		13	100	23	100	36	100
Race: Asian or Pacific Islander	no	12	92	22	96	34	94
	yes	1	8	1	4	2	6
Total		13	100	23	100	36	100
Race: Black or African American	no	12	92	22	96	34	94
	yes	1	8	1	4	2	6
Total		13	100	23	100	36	100
Race: Caucasian	no	2	15	5	22	7	19
	yes	11	85	18	78	29	81
Total		13	100	23	100	36	100
Race: Mexican American	no	13	100	22	96	35	97
	yes	0	0	1	4	1	3
Total		13	100	23	100	36	100
Race: Puerto Rican	no	13	100	23	100	36	100
Total		13	100	23	100	36	100
Race: Other Hispanic	no	13	100	22	96	35	97
	yes	0	0	1	4	1	3
Total		13	100	23	100	36	100
Race: Other	no	13	100	21	91	34	94
	yes	0	0	2	9	2	6
Total		13	100	23	100	36	100
No. of racial/ethnic groups of student	belongs to 1 group	13	100	22	96	35	97
	belongs to 2 groups	0	0	1	4	1	3
Total		13	100	23	100	36	100

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**Background Characteristics**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Racial or ethnic identification	Asian, Pacific Islander	1	8	1	4	2	6
	Black, African American	1	8	1	4	2	6
	White, Caucasian	11	85	18	78	29	81
	Mexican-American	0	0	1	4	1	3
	Other	0	0	1	4	1	3
	Multiracial	0	0	1	4	1	3
Total		13	100	23	100	36	100

**Major**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Major: Agriculture	no	13	100	21	91	34	94
	yes	0	0	2	9	2	6
Total		13	100	23	100	36	100
Major: Biological or life sciences	no	13	100	22	96	35	97
	yes	0	0	1	4	1	3
Total		13	100	23	100	36	100
Major: Business	no	13	100	22	96	35	97
	yes	0	0	1	4	1	3
Total		13	100	23	100	36	100
Major: Communications	no	12	92	23	100	35	97
	yes	1	8	0	0	1	3
Total		13	100	23	100	36	100
Major: Computer and information sciences	no	12	92	23	100	35	97
	yes	1	8	0	0	1	3
Total		13	100	23	100	36	100
Major: Education	no	13	100	22	96	35	97
	yes	0	0	1	4	1	3
Total		13	100	23	100	36	100
Major: Engineering	no	12	92	23	100	35	97
	yes	1	8	0	0	1	3
Total		13	100	23	100	36	100
Major: Ethnic, cultural, Total		13	100	23	100	36	100
Major: Foreign languages and literature	no	13	100	22	96	35	97
	yes	0	0	1	4	1	3
Total		13	100	23	100	36	100
Major: Health-related fields	no	13	100	22	96	35	97
	yes	0	0	1	4	1	3
Total		13	100	23	100	36	100
Major: History	no	12	92	23	100	35	97
	yes	1	8	0	0	1	3
Total		13	100	23	100	36	100
Major: Humanities		13	100	23	100	36	100
Total		13	100	23	100	36	100

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**Major**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Major: Liberal or general	no	13	100	23	100	36	100
Total		13	100	23	100	36	100
Major: Mathematics	no	13	100	23	100	36	100
Total		13	100	23	100	36	100
Major:	no	13	100	23	100	36	100
Total		13	100	23	100	36	100
Major: Recreation or sports management	no	12	92	23	100	35	97
	yes	1	8	0	0	1	3
Total		13	100	23	100	36	100
Major: Physical sciences	no	12	92	23	100	35	97
	yes	1	8	0	0	1	3
Total		13	100	23	100	36	100
Major: Pre-professional	no	12	92	23	100	35	97
	yes	1	8	0	0	1	3
Total		13	100	23	100	36	100
Major: Public	no	13	100	23	100	36	100
Total		13	100	23	100	36	100
Major: Social sciences	no	13	100	20	87	33	92
	yes	0	0	3	13	3	8
Total		13	100	23	100	36	100
Major: Visual and performing arts	no	12	92	21	91	33	92
	yes	1	8	2	9	3	8
Total		13	100	23	100	36	100
Major: Undecided	no	13	100	23	100	36	100
Total		13	100	23	100	36	100
Major: Other	no	3	23	8	35	11	31
	yes	10	77	15	65	25	69
Total		13	100	23	100	36	100

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**Library Experiences**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Used the library to study	never	2	14	5	22	7	19
	occasionally	7	50	11	48	18	49
	often	3	21	4	17	7	19
	very often	2	14	3	13	5	14
Total		14	100	23	100	37	100
Found something interesting browsing	never	3	21	3	13	6	16
	occasionally	9	64	13	57	22	59
	often	2	14	1	4	3	8
	very often	0	0	6	26	6	16
Total		14	100	23	100	37	100
Asked a librarian/staff member for help	never	5	36	10	43	15	41
	occasionally	8	57	6	26	14	38
	often	0	0	5	22	5	14
	very often	1	7	2	9	3	8
Total		14	100	23	100	37	100
Read assigned material not texts	never	2	14	4	17	6	16
	occasionally	10	71	13	57	23	62
	often	2	14	5	22	7	19
	very often	0	0	1	4	1	3
Total		14	100	23	100	37	100
Used index or database to find material	never	0	0	2	9	2	5
	occasionally	5	36	3	13	8	22
	often	7	50	8	35	15	41
	very often	2	14	10	43	12	32
Total		14	100	23	100	37	100
Wrote bibliography for a term paper	never	1	7	3	14	4	11
	occasionally	9	64	4	18	13	36
	often	3	21	10	45	13	36
	very often	1	7	5	23	6	17
Total		14	100	22	100	36	100
Gone back to read basic reference	never	10	71	11	48	21	57
	occasionally	3	21	10	43	13	35
	often	1	7	2	9	3	8
Total		14	100	23	100	37	100
Made a judgment about quality of info.	never	2	14	3	13	5	14
	occasionally	6	43	5	22	11	30
	often	4	29	10	43	14	38
	very often	2	14	5	22	7	19
Total		14	100	23	100	37	100

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**Computer and Information Technology Activities**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Used computer/word processor for paper	occasionally	1	7	0	0	1	3
	often	1	7	3	13	4	11
	very often	12	86	20	87	32	86
Total		14	100	23	100	37	100
Used e-mail to communicate with class	occasionally	0	0	1	4	1	3
	often	3	21	4	17	7	19
	very often	11	79	18	78	29	78
Total		14	100	23	100	37	100
Used computer tutorial to learn material	never	4	29	9	39	13	35
	occasionally	5	36	9	39	14	38
	often	2	14	4	17	6	16
	very often	3	21	1	4	4	11
Total		14	100	23	100	37	100
Joined in electronic class discussions	never	6	43	9	39	15	41
	occasionally	5	36	11	48	16	43
	often	2	14	2	9	4	11
	very often	1	7	1	4	2	5
Total		14	100	23	100	37	100
Searched Internet for course material	occasionally	2	14	1	4	3	8
	often	4	29	8	35	12	32
	very often	8	57	14	61	22	59
Total		14	100	23	100	37	100
Retrieved off-campus library materials	never	7	50	5	22	12	32
	occasionally	2	14	12	52	14	38
	often	2	14	3	13	5	14
	very often	3	21	3	13	6	16
Total		14	100	23	100	37	100
Made visual displays with computer	never	1	7	0	0	1	3
	occasionally	5	36	10	43	15	41
	often	3	21	8	35	11	30
	very often	5	36	5	22	10	27
Total		14	100	23	100	37	100
Used a computer to analyze data	never	2	14	5	22	7	19
	occasionally	7	50	8	35	15	41
	often	3	21	8	35	11	30
	very often	2	14	2	9	4	11
Total		14	100	23	100	37	100
Developed Web page, multimedia present.	never	4	29	7	30	11	30
	occasionally	5	36	9	39	14	38
	often	2	14	5	22	7	19
	very often	3	21	2	9	5	14
Total		14	100	23	100	37	100



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**Course Learning**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Completed assigned readings	never	1	7	0	0	1	3
	occasionally	2	14	6	26	8	22
	often	5	36	11	48	16	43
	very often	6	43	6	26	12	32
Total		14	100	23	100	37	100
Took detailed class notes	occasionally	2	14	0	0	2	5
	often	8	57	9	39	17	46
	very often	4	29	14	61	18	49
Total		14	100	23	100	37	100
Contributed to class discussions	occasionally	6	43	6	26	12	32
	often	3	21	11	48	14	38
	very often	5	36	6	26	11	30
Total		14	100	23	100	37	100
Developed role play/case study for class	never	7	50	8	35	15	41
	occasionally	5	36	13	57	18	49
	often	2	14	1	4	3	8
	very often	0	0	1	4	1	3
Total		14	100	23	100	37	100
Put together different facts and ideas	never	2	14	1	4	3	8
	occasionally	5	36	8	35	13	35
	often	3	21	9	39	12	32
	very often	4	29	5	22	9	24
Total		14	100	23	100	37	100
Summarized major points and information	never	1	7	1	4	2	5
	occasionally	6	43	6	26	12	32
	often	5	36	13	57	18	49
	very often	2	14	3	13	5	14
Worked with others on class project	occasionally	4	29	6	26	10	27
	often	6	43	7	30	13	35
	very often	4	29	10	43	14	38
Total		14	100	23	100	37	100
Applied class material to other areas	never	1	7	0	0	1	3
	occasionally	4	29	8	36	12	33
	often	7	50	8	36	15	42
	very often	2	14	6	27	8	22
Total		14	100	22	100	36	100
Used info. from other areas in class	never	1	7	0	0	1	3
	occasionally	4	29	7	30	11	30
	often	7	50	11	48	18	49
	very often	2	14	5	22	7	19
Total		14	100	23	100	37	100
Explained course material to others	never	2	14	0	0	2	5
	occasionally	3	21	2	9	5	14
	often	5	36	11	48	16	43
	very often	4	29	10	43	14	38
Total		14	100	23	100	37	100

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**Course Learning**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Worked on project integrating ideas	never	1	7	0	0	1	3
	occasionally	2	14	3	13	5	14
	often	6	43	10	43	16	43
	very often	5	36	10	43	15	41
Total		14	100	23	100	37	100

**Writing Experiences**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Used a dictionary or thesaurus	never	1	7	1	4	2	5
	occasionally	4	29	5	22	9	24
	often	3	21	8	35	11	30
	very often	6	43	9	39	15	41
Total		14	100	23	100	37	100
Thought about grammar, etc while writing	never	1	7	1	4	2	5
	occasionally	2	14	1	4	3	8
	often	5	36	9	39	14	38
	very often	6	43	12	52	18	49
Total		14	100	23	100	37	100
Asked others to read your writing	never	1	7	1	4	2	5
	occasionally	5	36	6	26	11	30
	often	3	21	7	30	10	27
	very often	5	36	9	39	14	38
Total		14	100	23	100	37	100
Referred to a style manual	never	2	14	1	4	3	8
	occasionally	3	21	11	48	14	38
	often	8	57	6	26	14	38
	very often	1	7	5	22	6	16
Total		14	100	23	100	37	100
Revised a paper two or more times	never	2	14	4	17	6	16
	occasionally	5	36	6	26	11	30
	often	5	36	3	13	8	22
	very often	2	14	10	43	12	32
Total		14	100	23	100	37	100
Asked for writing advice	never	3	21	4	17	7	19
	occasionally	5	36	11	48	16	43
	often	4	29	5	22	9	24
	very often	2	14	3	13	5	14
Total		14	100	23	100	37	100
Prepared major report for class	never	7	50	19	83	26	70
	occasionally	2	14	4	17	6	16
	often	3	21	0	0	3	8
	very often	2	14	0	0	2	5
Total		14	100	23	100	37	100

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**Experiences with Faculty**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Asked instructor for course information	never	1	7	0	0	1	3
	occasionally	4	29	5	22	9	24
	often	4	29	9	39	13	35
	very often	5	36	9	39	14	38
	<b>Total</b>		14	100	23	100	37
Discussed academic program with faculty	never	1	7	0	0	1	3
	occasionally	8	57	10	43	18	49
	often	2	14	7	30	9	24
	very often	3	21	6	26	9	24
<b>Total</b>		14	100	23	100	37	100
Discussed term paper with faculty	never	1	7	5	22	6	16
	occasionally	9	64	8	35	17	46
	often	2	14	7	30	9	24
	very often	2	14	3	13	5	14
<b>Total</b>		14	100	23	100	37	100
Discussed career plans with faculty	never	2	14	5	22	7	19
	occasionally	5	36	10	43	15	41
	often	4	29	6	26	10	27
	very often	3	21	2	9	5	14
<b>Total</b>		14	100	23	100	37	100
Worked harder due to instructor feedback	occasionally	8	57	7	30	15	41
	often	4	29	10	43	14	38
	very often	2	14	6	26	8	22
<b>Total</b>		14	100	23	100	37	100
Socialized with faculty outside of class	never	4	29	11	48	15	41
	occasionally	5	36	9	39	14	38
	often	3	21	2	9	5	14
	very often	2	14	1	4	3	8
<b>Total</b>		14	100	23	100	37	100
Discussed with others outside of class	never	7	50	7	30	14	38
	occasionally	3	21	11	48	14	38
	often	3	21	4	17	7	19
	very often	1	7	1	4	2	5
<b>Total</b>		14	100	23	100	37	100
Asked instructor about performance	never	4	29	5	22	9	24
	occasionally	5	36	10	43	15	41
	often	5	36	4	17	9	24
	very often	0	0	4	17	4	11
<b>Total</b>		14	100	23	100	37	100
Worked to meet faculty expectations	never	3	21	1	4	4	11
	occasionally	4	29	8	35	12	32
	often	4	29	10	43	14	38
	very often	3	21	4	17	7	19
<b>Total</b>		14	100	23	100	37	100

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**Experiences with Faculty**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Worked with faculty member on research	never	10	71	16	70	26	70
	occasionally	2	14	3	13	5	14
	often	0	0	2	9	2	5
	very often	2	14	2	9	4	11
Total		14	100	23	100	37	100

**Arts, Music, and Theater Activities**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Talked about art or theater with others	never	3	21	4	17	7	19
	occasionally	5	36	8	35	13	35
	often	4	29	3	13	7	19
	very often	2	14	8	35	10	27
Total		14	100	23	100	37	100
Went to exhibit or performance	never	2	14	2	9	4	11
	occasionally	6	43	15	65	21	57
	often	4	29	2	9	6	16
	very often	2	14	4	17	6	16
Total		14	100	23	100	37	100
Participated in art or theater activity	never	8	57	18	78	26	70
	occasionally	1	7	3	13	4	11
	often	2	14	1	4	3	8
	very often	3	21	1	4	4	11
Total		14	100	23	100	37	100
Talked about music or musicians	never	1	7	3	13	4	11
	occasionally	5	36	3	13	8	22
	often	4	29	6	26	10	27
	very often	4	29	11	48	15	41
Total		14	100	23	100	37	100
Attended a concert or other music event	never	1	7	4	17	5	14
	occasionally	7	50	8	35	15	41
	often	2	14	2	9	4	11
	very often	4	29	9	39	13	35
Total		14	100	23	100	37	100
Participated in music activity	never	10	71	12	52	22	59
	occasionally	2	14	3	13	5	14
	often	0	0	3	13	3	8
	very often	2	14	5	22	7	19
Total		14	100	23	100	37	100
Read or discussed opinions of critics	never	7	50	9	39	16	43
	occasionally	3	21	6	26	9	24
	often	2	14	4	17	6	16
	very often	2	14	4	17	6	16
Total		14	100	23	100	37	100

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**Campus Facilities**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Used a campus lounge to relax or study	never	3	21	2	9	5	14
	occasionally	7	50	11	48	18	49
	often	2	14	6	26	8	22
	very often	2	14	4	17	6	16
Total		14	100	23	100	37	100
Met other students for discussion	never	0	0	2	9	2	5
	occasionally	7	50	7	30	14	38
	often	5	36	8	35	13	35
	very often	2	14	6	26	8	22
Total		14	100	23	100	37	100
Attended cultural/social event	never	3	21	0	0	3	8
	occasionally	8	57	15	65	23	62
	often	3	21	3	13	6	16
	very often	0	0	5	22	5	14
Total		14	100	23	100	37	100
Went to lecture or panel discussion	never	4	29	6	26	10	27
	occasionally	7	50	11	48	18	49
	often	3	21	3	13	6	16
	very often	0	0	3	13	3	8
Total		14	100	23	100	37	100
Used a campus learning lab or center	never	6	43	10	43	16	43
	occasionally	6	43	7	30	13	35
	often	2	14	3	13	5	14
	very often	0	0	3	13	3	8
Total		14	100	23	100	37	100
Used campus recreational facilities	never	2	14	3	13	5	14
	occasionally	5	36	7	30	12	32
	often	5	36	6	26	11	30
	very often	2	14	7	30	9	24
Total		14	100	23	100	37	100
Played a team sport	never	6	43	16	70	22	59
	occasionally	3	21	4	17	7	19
	often	1	7	0	0	1	3
	very often	4	29	3	13	7	19
Followed regular exercise schedule	never	5	36	9	39	14	38
	occasionally	2	14	6	26	8	22
	often	4	29	2	9	6	16
	very often	3	21	6	26	9	24
Total		14	100	23	100	37	100

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**Clubs and Organizations**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Attended a meeting of campus org.	never	5	36	1	4	6	16
	occasionally	5	36	9	39	14	38
	often	1	7	2	9	3	8
	very often	3	21	11	48	14	38
	Total	14	100	23	100	37	100
Worked on campus committee/organization	never	9	69	10	43	19	53
	occasionally	2	15	6	26	8	22
	often	1	8	2	9	3	8
	very often	1	8	5	22	6	17
Total	13	100	23	100	36	100	
Worked on off-campus committee/org.	never	8	62	17	74	25	69
	occasionally	1	8	4	17	5	14
	often	3	23	0	0	3	8
	very often	1	8	2	9	3	8
Total	13	100	23	100	36	100	
Met with faculty to discuss campus group	never	9	64	12	52	21	57
	occasionally	3	21	8	35	11	30
	often	2	14	2	9	4	11
	very often	0	0	1	4	1	3
Total	14	100	23	100	37	100	
Managed an organization on or off campus	never	8	57	14	61	22	59
	occasionally	1	7	3	13	4	11
	often	2	14	2	9	4	11
	very often	3	21	4	17	7	19
Total	14	100	23	100	37	100	

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**Personal Experiences**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Told friend about reaction to others	never	1	7	1	4	2	5
	occasionally	4	29	3	13	7	19
	often	9	64	8	35	17	46
	very often	0	0	11	48	11	30
Total		14	100	23	100	37	100
Discussed why some people get along	never	1	7	1	4	2	5
	occasionally	4	29	6	26	10	27
	often	7	50	7	30	14	38
	very often	2	14	9	39	11	30
Total		14	100	23	100	37	100
Asked for help with a personal problem	never	3	21	3	13	6	16
	occasionally	5	36	6	26	11	30
	often	3	21	9	39	12	32
	very often	3	21	5	22	8	22
Total		14	100	23	100	37	100
Read about personal growth/self-improve	never	7	50	9	39	16	43
	occasionally	4	29	10	43	14	38
	often	2	14	4	17	6	16
	very often	1	7	0	0	1	3
Total		14	100	23	100	37	100
Identified with book/movie/TV character	never	1	7	1	4	2	5
	occasionally	5	36	6	26	11	30
	often	5	36	9	39	14	38
	very often	3	21	7	30	10	27
Total		14	100	23	100	37	100
Took test to measure abilities/interests	never	3	21	5	22	8	22
	occasionally	7	50	8	35	15	41
	often	1	7	9	39	10	27
	very often	3	21	1	4	4	11
Total		14	100	23	100	37	100
Asked friend his/her opinion of you	never	1	7	7	30	8	22
	occasionally	8	57	9	39	17	46
	often	4	29	6	26	10	27
	very often	1	7	1	4	2	5
Total		14	100	23	100	37	100
Talked with F/S about personal concern	never	7	50	11	48	18	49
	occasionally	6	43	8	35	14	38
	often	0	0	2	9	2	5
	very often	1	7	2	9	3	8
Total		14	100	23	100	37	100

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**Student Acquaintances**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Acquainted: students of diff. interests	never	1	7	0	0	1	3
	occasionally	6	43	11	48	17	46
	often	4	29	5	22	9	24
	very often	3	21	7	30	10	27
Total		14	100	23	100	37	100
Acquainted: students of diff. background	occasionally	6	43	7	30	13	35
	often	5	36	8	35	13	35
	very often	3	21	8	35	11	30
Total		14	100	23	100	37	100
Acquainted: students of diff. age	never	0	0	1	4	1	3
	occasionally	2	14	3	13	5	14
	often	8	57	8	35	16	43
	very often	4	29	11	48	15	41
Total		14	100	23	100	37	100
Acquainted: students of diff. race	never	0	0	1	4	1	3
	occasionally	5	36	9	39	14	38
	often	6	43	7	30	13	35
	very often	3	21	6	26	9	24
Total		14	100	23	100	37	100
Acquainted: students from other country	never	0	0	2	9	2	5
	occasionally	6	43	13	57	19	51
	often	7	50	5	22	12	32
	very often	1	7	3	13	4	11
Total		14	100	23	100	37	100
Discussions: students of diff. values	never	1	7	1	4	2	5
	occasionally	8	57	8	35	16	43
	often	3	21	8	35	11	30
	very often	2	14	6	26	8	22
Total		14	100	23	100	37	100
Discussions: students of diff. political	never	1	7	3	13	4	11
	occasionally	6	43	5	22	11	30
	often	3	21	9	39	12	32
	very often	4	29	6	26	10	27
Discussions: students of diff. religious	never	2	14	3	13	5	14
	occasionally	5	36	6	26	11	30
	often	4	29	7	30	11	30
	very often	3	21	7	30	10	27
Total		14	100	23	100	37	100
Discussions: students of diff. race	never	1	7	8	35	9	24
	occasionally	8	57	4	17	12	32
	often	2	14	6	26	8	22
	very often	3	21	5	22	8	22
Total		14	100	23	100	37	100
Discussions: students of diff. country	never	3	21	8	35	11	30
	occasionally	5	36	8	35	13	35
	often	3	21	4	17	7	19
	very often	3	21	3	13	6	16
Total		14	100	23	100	37	100



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**Science and Quantitative Experiences**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Memorized formulas/definitions/concepts	never	1	7	0	0	1	3
	occasionally	5	36	6	26	11	30
	often	4	29	6	26	10	27
	very often	4	29	11	48	15	41
Total		14	100	23	100	37	100
Expressed relationships using math terms	never	2	14	4	17	6	16
	occasionally	4	29	7	30	11	30
	often	5	36	8	35	13	35
	very often	3	21	4	17	7	19
Total		14	100	23	100	37	100
Explained scientific concept to others	never	2	14	5	22	7	19
	occasionally	6	43	9	39	15	41
	often	5	36	7	30	12	32
	very often	1	7	2	9	3	8
Total		14	100	23	100	37	100
Read articles about science not assigned	never	5	36	12	52	17	46
	occasionally	8	57	7	30	15	41
	often	0	0	3	13	3	8
	very often	1	7	1	4	2	5
Total		14	100	23	100	37	100
Completed an experiment w/sci. methods	never	2	14	4	17	6	16
	occasionally	8	57	12	52	20	54
	often	2	14	4	17	6	16
	very often	2	14	3	13	5	14
Total		14	100	23	100	37	100
Practiced using laboratory equipment	never	2	14	10	43	12	32
	occasionally	8	57	7	30	15	41
	often	3	21	3	13	6	16
	very often	1	7	3	13	4	11
Total		14	100	23	100	37	100
Showed how to use scientific equipment	never	3	21	9	39	12	32
	occasionally	8	57	9	39	17	46
	often	1	7	3	13	4	11
	very often	2	14	2	9	4	11
Total		14	100	23	100	37	100
Explained experimental procedure	never	3	23	6	26	9	25
	occasionally	6	46	11	48	17	47
	often	3	23	3	13	6	17
	very often	1	8	3	13	4	11
Total		13	100	23	100	36	100
Compared sci. method with other methods	never	1	7	11	48	12	32
	occasionally	11	79	8	35	19	51
	often	1	7	2	9	3	8
	very often	1	7	2	9	3	8

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**Science and Quantitative Experiences**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Explained scientific basis for concerns	never	3	21	3	13	6	16
	occasionally	7	50	12	52	19	51
	often	4	29	6	26	10	27
	very often	0	0	2	9	2	5
Total		14	100	23	100	37	100

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**Topics of Conversation**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Topic: Current events in the news	occasionally	3	23	4	17	7	19
	often	5	38	7	30	12	33
	very often	5	38	12	52	17	47
Total		13	100	23	100	36	100
Topic: Social issues--peace,justice, etc	occasionally	3	23	5	22	8	22
	often	8	62	13	57	21	58
	very often	2	15	5	22	7	19
Total		13	100	23	100	36	100
Topic: Different lifestyles, etc.	never	1	8	0	0	1	3
	occasionally	3	23	7	30	10	28
	often	7	54	9	39	16	44
	very often	2	15	7	30	9	25
Total		13	100	23	100	36	100
Topic: Ideas of writers, etc.	never	1	8	3	13	4	11
	occasionally	6	46	12	52	18	50
	often	4	31	5	22	9	25
	very often	2	15	3	13	5	14
Total		13	100	23	100	36	100
Topic: The arts--painting, poetry, etc.	never	0	0	1	4	1	3
	occasionally	6	46	8	35	14	39
	often	4	31	7	30	11	31
	very often	3	23	7	30	10	28
Total		13	100	23	100	36	100
Topic: Science--theories, etc.	never	1	8	5	22	6	17
	occasionally	5	38	9	39	14	39
	often	6	46	7	30	13	36
	very often	1	8	2	9	3	8
Topic: Computers and other technologies	never	0	0	6	26	6	17
	occasionally	4	31	14	61	18	50
	often	5	38	3	13	8	22
	very often	4	31	0	0	4	11
Total		13	100	23	100	36	100
Topic: Social/ethical issues re: science	never	0	0	2	9	2	6
	occasionally	5	38	10	43	15	42
	often	6	46	9	39	15	42
	very often	2	15	2	9	4	11
Total		13	100	23	100	36	100
Topic: The economy--employment, etc.	never	1	8	1	4	2	6
	occasionally	4	31	8	35	12	33
	often	6	46	10	43	16	44
	very often	2	15	4	17	6	17
Total		13	100	23	100	36	100
Topic: International relations	never	1	8	1	4	2	6
	occasionally	5	38	8	35	13	36
	often	6	46	9	39	15	42
	very often	1	8	5	22	6	17
Total		13	100	23	100	36	100

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**Information in Conversations**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Referred to readings or classes	occasionally	1	8	7	30	8	23
	often	9	75	12	52	21	60
	very often	2	17	4	17	6	17
Total		12	100	23	100	35	100
Explored different ways of thinking	never	0	0	1	4	1	3
	occasionally	4	33	8	35	12	34
	often	7	58	11	48	18	51
	very often	1	8	3	13	4	11
Total		12	100	23	100	35	100
Referred to something instructor said	never	1	8	0	0	1	3
	occasionally	5	42	7	30	12	34
	often	5	42	14	61	19	54
	very often	1	8	2	9	3	9
Total		12	100	23	100	35	100
Subsequently read something on a topic	never	2	17	0	0	2	6
	occasionally	4	33	12	52	16	46
	often	5	42	9	39	14	40
	very often	1	8	2	9	3	9
Total		12	100	23	100	35	100
Changed opinion because of others	never	1	8	2	9	3	9
	occasionally	5	42	18	78	23	66
	often	4	33	1	4	5	14
	very often	2	17	2	9	4	11
Total		12	100	23	100	35	100
Persuaded others to change their minds	never	1	8	3	13	4	11
	occasionally	5	42	18	78	23	66
	often	4	33	1	4	5	14
	very often	2	17	1	4	3	9
Total		12	100	23	100	35	100

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**Reading, Writing, and College Opinion**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Number of texts read	none	1	8	0	0	1	3
	fewer than 5	1	8	9	39	10	28
	between 5 and 10	9	69	10	43	19	53
	between 10 and 20	1	8	3	13	4	11
	more than 20	1	8	1	4	2	6
Total		13	100	23	100	36	100
Number of course packets read	none	3	25	2	9	5	14
	fewer than 5	5	42	12	52	17	49
	between 5 and 10	2	17	7	30	9	26
	between 10 and 20	2	17	1	4	3	9
	more than 20	0	0	1	4	1	3
Total		12	100	23	100	35	100
Number of non-assigned books read	none	5	45	3	13	8	24
	fewer than 5	4	36	9	39	13	38
	between 5 and 10	1	9	4	17	5	15
	between 10 and 20	1	9	5	22	6	18
	more than 20	0	0	2	9	2	6
Total		11	100	23	100	34	100
Number of essays written	none	0	0	1	4	1	3
	fewer than 5	4	31	7	30	11	31
	between 5 and 10	4	31	7	30	11	31
	between 10 and 20	3	23	6	26	9	25
	more than 20	2	15	2	9	4	11
Total		13	100	23	100	36	100
Number of term papers written	fewer than 5	3	25	10	43	13	37
	between 5 and 10	3	25	8	35	11	31
	between 10 and 20	4	33	3	13	7	20
	more than 20	2	17	2	9	4	11
Total		12	100	23	100	35	100
Overall opinion of college	3	0	0	2	9	2	6
	4	1	8	1	4	2	6
	5	2	15	1	4	3	8
	6	8	62	6	26	14	39
	7	2	15	10	43	12	33
	high	0	0	3	13	3	8
Total		13	100	23	100	36	100

**Measures of the College Environment**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Env. Emphasis: Scholarship	2	0	0	1	4	1	3
	4	3	23	0	0	3	8
	5	2	15	2	9	4	11
	6	3	23	9	39	12	33

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**Measures of the College Environment**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Env. Emphasis:	strong emphasis	5	38	11	48	16	44
Total		13	100	23	100	36	100
Env. Emphasis:	3	0	0	2	9	2	6
Aesthetics	4	5	38	7	30	12	33
	5	3	23	7	30	10	28
	6	4	31	6	26	10	28
	strong emphasis	1	8	1	4	2	6
Total		13	100	23	100	36	100
Env. Emphasis:	3	0	0	1	4	1	3
Analysis	4	4	33	1	4	5	14
	5	3	25	4	17	7	20
	6	4	33	13	57	17	49
	strong emphasis	1	8	4	17	5	14
Total		12	100	23	100	35	100
Env. Emphasis:	weak emphasis	1	8	1	4	2	6
Diversity	2	1	8	1	4	2	6
	3	0	0	3	13	3	8
	4	4	31	4	17	8	22
	5	4	31	6	26	10	28
	6	1	8	6	26	7	19
	strong emphasis	2	15	2	9	4	11
Total		13	100	23	100	36	100
Env. Emphasis:	3	0	0	1	4	1	3
Info. literacy	4	5	38	5	22	10	28
skills	5	2	15	8	35	10	28
	6	4	31	8	35	12	33
	strong emphasis	2	15	1	4	3	8
Total		13	100	23	100	36	100
Env. Emphasis:	2	1	8	3	13	4	11
Vocational	3	1	8	3	13	4	11
	4	5	38	2	9	7	19
	5	4	31	9	39	13	36
	6	2	15	5	22	7	19
	strong emphasis	0	0	1	4	1	3
Total		13	100	23	100	36	100
Env. Emphasis:	2	2	17	2	9	4	11
Practical	3	3	25	1	4	4	11
courses	4	4	33	3	13	7	20
	5	1	8	6	26	7	20
	6	1	8	8	35	9	26
	strong emphasis	1	8	3	13	4	11
Relationships:	2	0	0	2	9	2	6
Other students	3	0	0	1	4	1	3
	4	3	23	2	9	5	14
	5	5	38	4	17	9	25
	6	3	23	11	48	14	39
	friendly	2	15	3	13	5	14

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**Measures of the College Environment**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Total		13	100	23	100	36	100
Relationships:	2	1	8	4	17	5	14
Administrative personnel	3	2	15	5	22	7	19
	4	3	23	4	17	7	19
	5	4	31	2	9	6	17
	6	3	23	8	35	11	31
Total		13	100	23	100	36	100
Relationships:	2	0	0	1	4	1	3
Faculty members	4	5	38	3	13	8	22
	5	4	31	7	30	11	31
	6	4	31	8	35	12	33
approachable		0	0	4	17	4	11
Total		13	100	23	100	36	100

**Estimates of Gains**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Gain: Vocational preparation	very little	2	14	1	5	3	8
	some	7	50	10	45	17	47
	quite a bit	3	21	9	41	12	33
	very much	2	14	2	9	4	11
Total		14	100	22	100	36	100
Gain: Skills for professional career	very little	1	7	0	0	1	3
	some	6	43	5	23	11	31
	quite a bit	5	36	13	59	18	50
	very much	2	14	4	18	6	17
Total		14	100	22	100	36	100
Gain: Broad general education	some	7	50	6	27	13	36
	quite a bit	5	36	11	50	16	44
	very much	2	14	5	23	7	19
Total		14	100	22	100	36	100
Gain: Career information	very little	1	7	0	0	1	3
	some	5	36	6	27	11	31
	quite a bit	8	57	11	50	19	53
	very much	0	0	5	23	5	14
Total		14	100	22	100	36	100
Gain: Enjoyment of art, music, drama	very little	0	0	4	18	4	11
	some	8	57	11	50	19	53
	quite a bit	2	14	2	9	4	11
	very much	4	29	5	23	9	25
Total		14	100	22	100	36	100

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**Estimates of Gains**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Gain: Acquaintance with literature	very little	3	21	2	9	5	14
	some	8	57	10	45	18	50
	quite a bit	2	14	10	45	12	33
	very much	1	7	0	0	1	3
Total		14	100	22	100	36	100
Gain: Understanding history	very little	3	21	5	23	8	22
	some	5	36	7	32	12	33
	quite a bit	5	36	8	36	13	36
	very much	1	7	2	9	3	8
Total		14	100	22	100	36	100
Gain: Knowledge about world	very little	1	7	5	23	6	17
	some	8	57	9	41	17	47
	quite a bit	5	36	4	18	9	25
	very much	0	0	4	18	4	11
Total		14	100	22	100	36	100
Gain: Writing effectively	very little	1	7	1	5	2	6
	some	8	57	8	36	16	44
	quite a bit	5	36	10	45	15	42
	very much	0	0	3	14	3	8
Total		14	100	22	100	36	100
Gain: Speaking effectively	very little	1	7	0	0	1	3
	some	4	29	5	23	9	25
	quite a bit	7	50	14	64	21	58
	very much	2	14	3	14	5	14
Total		14	100	22	100	36	100
Gain: Using computers, other info tech	very little	1	7	1	5	2	6
	some	6	43	6	27	12	33
	quite a bit	4	29	11	50	15	42
	very much	3	21	4	18	7	19
Total		14	100	22	100	36	100
Gain: Awareness of other philosophies	very little	3	21	1	5	4	11
	some	4	29	8	36	12	33
	quite a bit	5	36	8	36	13	36
	very much	2	14	5	23	7	19
Total		14	100	22	100	36	100
Gain: Values and ethical standards	some	7	50	6	27	13	36
	quite a bit	5	36	12	55	17	47
	very much	2	14	4	18	6	17
Total		14	100	22	100	36	100
Gain: Understanding self	some	4	29	2	9	6	17
	quite a bit	9	64	11	50	20	56
	very much	1	7	9	41	10	28
Gain: Getting along with others	some	7	50	3	14	10	28
	quite a bit	7	50	11	50	18	50
	very much	0	0	8	36	8	22
Total		14	100	22	100	36	100



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**Estimates of Gains**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Gain: Functioning as a team member	some	7	50	10	45	17	47
	quite a bit	5	36	8	36	13	36
	very much	2	14	4	18	6	17
	Total	14	100	22	100	36	100
Gain: Personal health habits and fitness	very little	1	7	6	27	7	19
	some	6	43	5	23	11	31
	quite a bit	6	43	5	23	11	31
	very much	1	7	6	27	7	19
Total	14	100	22	100	36	100	
Gain: Understanding science	very little	1	7	2	9	3	8
	some	7	50	7	32	14	39
	quite a bit	5	36	7	32	12	33
	very much	1	7	6	27	7	19
Total	14	100	22	100	36	100	
Gain: Understanding new technology	very little	2	14	2	9	4	11
	some	7	50	13	59	20	56
	quite a bit	3	21	4	18	7	19
	very much	2	14	3	14	5	14
Total	14	100	22	100	36	100	
Gain: Consequences of science, tech.	very little	3	21	3	14	6	17
	some	5	36	9	41	14	39
	quite a bit	3	21	7	32	10	28
	very much	3	21	3	14	6	17
Total	14	100	22	100	36	100	
Gain: Thinking analytically	very little	1	7	2	9	3	8
	some	4	29	9	41	13	36
	quite a bit	6	43	6	27	12	33
	very much	3	21	5	23	8	22
Total	14	100	22	100	36	100	
Gain: Analyzing quantitative problems	very little	1	7	2	9	3	8
	some	7	50	11	50	18	50
	quite a bit	5	36	6	27	11	31
	very much	1	7	3	14	4	11
Total	14	100	22	100	36	100	
Gain: Synthesizing ideas	very little	1	7	0	0	1	3
	some	4	29	9	41	13	36
	quite a bit	9	64	6	27	15	42
	very much	0	0	7	32	7	19
Total	14	100	22	100	36	100	
Gain: Learning on one's own	very little	1	7	0	0	1	3
	some	7	50	7	32	14	39
	quite a bit	5	36	9	41	14	39
	very much	1	7	6	27	7	19
Total	14	100	22	100	36	100	

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**Estimates of Gains**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Gain: Adapting to change	very little	1	7	1	5	2	6
	some	8	57	3	14	11	31
	quite a bit	3	21	12	57	15	43
	very much	2	14	5	24	7	20
Total		14	100	21	100	35	100

**Additional Items**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Additional question #1	response B	1	8	2	9	3	8
	response C	5	38	7	30	12	33
	response D	5	38	11	48	16	44
	response E	2	15	3	13	5	14
	Total	13	100	23	100	36	100
Additional question #2	response A	1	8	5	22	6	17
	response B	3	23	4	17	7	19
	response C	3	23	6	26	9	25
	response D	3	23	5	22	8	22
	response E	3	23	3	13	6	17
Total	13	100	23	100	36	100	
Additional question #3	response A	0	0	3	13	3	8
	response B	2	15	6	26	8	22
	response C	6	46	7	30	13	36
	response D	3	23	2	9	5	14
	response E	2	15	5	22	7	19
Total	13	100	23	100	36	100	
Additional question #4	response A	1	8	1	4	2	6
	response B	8	62	12	52	20	56
	response C	3	23	8	35	11	31
	response D	1	8	2	9	3	8
Total	13	100	23	100	36	100	
Additional question #5	response A	2	15	2	10	4	12
	response B	3	23	7	33	10	29
	response C	2	15	0	0	2	6
	response D	3	23	9	43	12	35
	response E	3	23	3	14	6	18
Total	13	100	21	100	34	100	
Additional question #6	response A	1	10	3	20	4	16
	response B	3	30	6	40	9	36
	response C	3	30	2	13	5	20
	response D	3	30	4	27	7	28
Total	10	100	15	100	25	100	

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**Additional Items**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Additional question #7	response A	1	8	2	9	3	9
	response B	2	17	11	48	13	37
	response C	4	33	5	22	9	26
	response D	3	25	5	22	8	23
	response E	2	17	0	0	2	6
Total		12	100	23	100	35	100
Additional question #8	response A	2	15	5	22	7	19
	response B	3	23	4	17	7	19
	response C	3	23	3	13	6	17
	response D	3	23	6	26	9	25
	response E	2	15	5	22	7	19
Total		13	100	23	100	36	100
Additional question #9	response A	4	31	9	39	13	36
	response B	2	15	2	9	4	11
	response C	5	38	8	35	13	36
	response D	1	8	1	4	2	6
	response E	1	8	3	13	4	11
Total		13	100	23	100	36	100
Additional question #10	response A	3	23	5	22	8	22
	response B	3	23	6	26	9	25
	response C	6	46	7	30	13	36
	response D	0	0	4	17	4	11
	response E	1	8	1	4	2	6
Total		13	100	23	100	36	100
Additional question #11	response A	1	8	6	26	7	19
	response B	6	46	12	52	18	50
	response C	5	38	4	17	9	25
	response D	1	8	1	4	2	6
Total		13	100	23	100	36	100
Additional question #12	response A	3	23	5	22	8	22
	response B	3	23	5	22	8	22
	response C	1	8	6	26	7	19
	response D	6	46	5	22	11	31
	response E	0	0	2	9	2	6
Total		13	100	23	100	36	100
Additional question #13	response A	2	15	5	22	7	19
	response B	1	8	3	13	4	11
	response C	2	15	7	30	9	25
	response D	6	46	4	17	10	28
	response E	2	15	4	17	6	17
Total		13	100	23	100	36	100
Additional question #14	response A	1	8	3	13	4	11
	response B	1	8	7	30	8	23
	response C	6	50	10	43	16	46
	response D	3	25	3	13	6	17
	response E	1	8	0	0	1	3
Total		12	100	23	100	35	100

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**Additional Items**

		Sex of student				Total	
		Male		Female		N	%
		N	%	N	%		
Additional question #15	response A	3	23	5	22	8	22
	response B	3	23	6	26	9	25
	response C	5	38	9	39	14	39
	response D	1	8	3	13	4	11
	response E	1	8	0	0	1	3
Total		13	100	23	100	36	100
Additional question #16	response A	1	8	3	13	4	11
	response B	3	23	9	39	12	33
	response C	6	46	7	30	13	36
	response D	1	8	4	17	5	14
	response E	2	15	0	0	2	6
Total		13	100	23	100	36	100
Additional question #17	response A	1	8	4	17	5	14
	response B	4	31	7	30	11	31
	response C	4	31	7	30	11	31
	response D	4	31	3	13	7	19
	response E	0	0	2	9	2	6
Total		13	100	23	100	36	100
Additional question #18	response A	1	8	3	13	4	11
	response B	1	8	3	13	4	11
	response C	4	31	5	22	9	25
	response D	2	15	8	35	10	28
	response E	5	38	4	17	9	25
Total		13	100	23	100	36	100
Additional question #19	response A	1	8	2	9	3	8
	response B	1	8	8	35	9	25
	response C	6	46	9	39	15	42
	response D	3	23	4	17	7	19
	response E	2	15	0	0	2	6
Total		13	100	23	100	36	100
Additional question #20	response A	3	23	3	13	6	17
	response B	6	46	14	61	20	56
	response C	1	8	5	22	6	17
	response D	2	15	1	4	3	8
	response E	1	8	0	0	1	3
Total		13	100	23	100	36	100

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**Library Experiences**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
<b>Used the library to study</b>							
Sex of student	Male		14	14	2.36	.929	.248
	Female		23	23	2.22	.951	.198
	Group Total		37	37	2.27	.932	.153
<b>Found something interesting browsing</b>							
Sex of student	Male		14	14	1.93	.616	.165
	Female		23	23	2.43	1.037	.216
	Group Total		37	37	2.24	.925	.152
<b>Asked a librarian/staff member for help</b>							
Sex of student	Male		14	14	1.79	.802	.214
	Female		23	23	1.96	1.022	.213
	Group Total		37	37	1.89	.936	.154
<b>Read assigned material not texts</b>							
Sex of student	Male		14	14	2.00	.555	.148
	Female		23	23	2.13	.757	.158
	Group Total		37	37	2.08	.682	.112
<b>Used index or database to find material</b>							
Sex of student	Male		14	14	2.79	.699	.187
	Female		23	23	3.13	.968	.202
	Group Total		37	37	3.00	.882	.145
<b>Wrote bibliography for a term paper</b>							
Sex of student	Male		14	14	2.29	.726	.194
	Female		23	22	2.77	.973	.207
	Group Total		37	36	2.58	.906	.151
<b>Gone back to read basic reference</b>							
Sex of student	Male		14	14	1.36	.633	.169
	Female		23	23	1.61	.656	.137
	Group Total		37	37	1.51	.651	.107
<b>Made a judgment about quality of info.</b>							
Sex of student	Male		14	14	2.43	.938	.251
	Female		23	23	2.74	.964	.201
	Group Total		37	37	2.62	.953	.157

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**Computer and Information Technology Activities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used computer/word processor for paper	Sex of student	Male	14	14	3.79	.579	.155
		Female	23	23	3.87	.344	.072
	Group Total	37	37	3.84	.442	.073	
Used e-mail to communicate with class	Sex of student	Male	14	14	3.79	.426	.114
		Female	23	23	3.74	.541	.113
	Group Total	37	37	3.76	.495	.081	
Used computer tutorial to learn material	Sex of student	Male	14	14	2.29	1.139	.304
		Female	23	23	1.87	.869	.181
	Group Total	37	37	2.03	.986	.162	
Joined in electronic class discussions	Sex of student	Male	14	14	1.86	.949	.254
		Female	23	23	1.78	.795	.166
	Group Total	37	37	1.81	.845	.139	
Searched Internet for course material	Sex of student	Male	14	14	3.43	.756	.202
		Female	23	23	3.57	.590	.123
	Group Total	37	37	3.51	.651	.107	
Retrieved off-campus library materials	Sex of student	Male	14	14	2.07	1.269	.339
		Female	23	23	2.17	.937	.195
	Group Total	37	37	2.14	1.058	.174	
Made visual displays with computer	Sex of student	Male	14	14	2.86	1.027	.275
		Female	23	23	2.78	.795	.166
	Group Total	37	37	2.81	.877	.144	
Used a computer to analyze data	Sex of student	Male	14	14	2.36	.929	.248
		Female	23	23	2.30	.926	.193
	Group Total	37	37	2.32	.915	.150	
Developed Web page, multimedia present.	Sex of student	Male	14	14	2.29	1.139	.304
		Female	23	23	2.09	.949	.198
	Group Total	37	37	2.16	1.014	.167	

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**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Completed assigned readings	Sex of student	Male	14	14	3.14	.949	.254
		Female	23	23	3.00	.739	.154
	Group Total	37	37	3.05	.815	.134	
Took detailed class notes	Sex of student	Male	14	14	3.14	.663	.177
		Female	23	23	3.61	.499	.104
	Group Total	37	37	3.43	.603	.099	
Contributed to class discussions	Sex of student	Male	14	14	2.93	.917	.245
		Female	23	23	3.00	.739	.154
	Group Total	37	37	2.97	.799	.131	
Developed role play/case study for class	Sex of student	Male	14	14	1.64	.745	.199
		Female	23	23	1.78	.736	.153
	Group Total	37	37	1.73	.732	.120	
Put together different facts and ideas	Sex of student	Male	14	14	2.64	1.082	.289
		Female	23	23	2.78	.850	.177
	Group Total	37	37	2.73	.932	.153	
Summarized major points and information	Sex of student	Male	14	14	2.57	.852	.228
		Female	23	23	2.78	.736	.153
	Group Total	37	37	2.70	.777	.128	
Worked with others on class project	Sex of student	Male	14	14	3.00	.784	.210
		Female	23	23	3.17	.834	.174
	Group Total	37	37	3.11	.809	.133	
Applied class material to other areas	Sex of student	Male	14	14	2.71	.825	.221
		Female	23	22	2.91	.811	.173
	Group Total	37	36	2.83	.811	.135	
Used info. from other areas in class	Sex of student	Male	14	14	2.71	.825	.221
		Female	23	23	2.91	.733	.153
	Group Total	37	37	2.84	.764	.126	
Explained course material to others	Sex of student	Male	14	14	2.79	1.051	.281
		Female	23	23	3.35	.647	.135
	Group Total	37	37	3.14	.855	.141	
Worked on project integrating ideas	Sex of student	Male	14	14	3.07	.917	.245
		Female	23	23	3.30	.703	.147
	Group Total	37	37	3.22	.787	.129	

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**Writing Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used a dictionary or thesaurus	Sex of student	Male	14	14	3.00	1.038	.277
		Female	23	23	3.09	.900	.188
	Group Total	37	37	3.05	.941	.155	
Thought about grammar, etc while writing	Sex of student	Male	14	14	3.14	.949	.254
		Female	23	23	3.39	.783	.163
	Group Total	37	37	3.30	.845	.139	
Asked others to read your writing	Sex of student	Male	14	14	2.86	1.027	.275
		Female	23	23	3.04	.928	.194
	Group Total	37	37	2.97	.957	.157	
Referred to a style manual	Sex of student	Male	14	14	2.57	.852	.228
		Female	23	23	2.65	.885	.184
	Group Total	37	37	2.62	.861	.142	
Revised a paper two or more times	Sex of student	Male	14	14	2.50	.941	.251
		Female	23	23	2.83	1.193	.249
	Group Total	37	37	2.70	1.102	.181	
Asked for writing advice	Sex of student	Male	14	14	2.36	1.008	.269
		Female	23	23	2.30	.926	.193
	Group Total	37	37	2.32	.944	.155	
Prepared major report for class	Sex of student	Male	14	14	2.00	1.177	.314
		Female	23	23	1.17	.388	.081
	Group Total	37	37	1.49	.870	.143	



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**Experiences with Faculty**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Asked instructor for course information	Sex of student	Male	14	14	2.93	.997	.267
		Female	23	23	3.17	.778	.162
	Group Total	37	37	3.08	.862	.142	
Discussed academic program with faculty	Sex of student	Male	14	14	2.50	.941	.251
		Female	23	23	2.83	.834	.174
	Group Total	37	37	2.70	.878	.144	
Discussed term paper with faculty	Sex of student	Male	14	14	2.36	.842	.225
		Female	23	23	2.35	.982	.205
	Group Total	37	37	2.35	.919	.151	
Discussed career plans with faculty	Sex of student	Male	14	14	2.57	1.016	.272
		Female	23	23	2.22	.902	.188
	Group Total	37	37	2.35	.949	.156	
Worked harder due to instructor feedback	Sex of student	Male	14	14	2.57	.756	.202
		Female	23	23	2.96	.767	.160
	Group Total	37	37	2.81	.776	.128	
Socialized with faculty outside of class	Sex of student	Male	14	14	2.21	1.051	.281
		Female	23	23	1.70	.822	.171
	Group Total	37	37	1.89	.936	.154	
Discussed with others outside of class	Sex of student	Male	14	14	1.86	1.027	.275
		Female	23	23	1.96	.825	.172
	Group Total	37	37	1.92	.894	.147	
Asked instructor about performance	Sex of student	Male	14	14	2.07	.829	.221
		Female	23	23	2.30	1.020	.213
	Group Total	37	37	2.22	.947	.156	
Worked to meet faculty expectations	Sex of student	Male	14	14	2.50	1.092	.292
		Female	23	23	2.74	.810	.169
	Group Total	37	37	2.65	.919	.151	
Worked with faculty member on research	Sex of student	Male	14	14	1.57	1.089	.291
		Female	23	23	1.57	.992	.207
	Group Total	37	37	1.57	1.015	.167	

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**Arts, Music, and Theater Activities**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Talked about art or theater with others	Sex of student	Male	14	14	2.36	1.008	.269
		Female	23	23	2.65	1.152	.240
	Group Total	37	37	2.54	1.095	.180	
Went to exhibit or performance	Sex of student	Male	14	14	2.43	.938	.251
		Female	23	23	2.35	.885	.184
	Group Total	37	37	2.38	.893	.147	
Participated in art or theater activity	Sex of student	Male	14	14	2.00	1.301	.348
		Female	23	23	1.35	.775	.162
	Group Total	37	37	1.59	1.040	.171	
Talked about music or musicians	Sex of student	Male	14	14	2.79	.975	.261
		Female	23	23	3.09	1.083	.226
	Group Total	37	37	2.97	1.040	.171	
Attended a concert or other music event	Sex of student	Male	14	14	2.64	1.008	.269
		Female	23	23	2.70	1.185	.247
	Group Total	37	37	2.68	1.107	.182	
Participated in music activity	Sex of student	Male	14	14	1.57	1.089	.291
		Female	23	23	2.04	1.261	.263
	Group Total	37	37	1.86	1.206	.198	
Read or discussed opinions of critics	Sex of student	Male	14	14	1.93	1.141	.305
		Female	23	23	2.13	1.140	.238
	Group Total	37	37	2.05	1.129	.186	

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**Campus Facilities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used a campus lounge to relax or study	Sex of student	Male	14	14	2.21	.975	.261
		Female	23	23	2.52	.898	.187
	Group Total	37	37	2.41	.927	.152	
Met other students for discussion	Sex of student	Male	14	14	2.64	.745	.199
		Female	23	23	2.78	.951	.198
	Group Total	37	37	2.73	.871	.143	
Attended cultural/social event	Sex of student	Male	14	14	2.00	.679	.182
		Female	23	23	2.57	.843	.176
	Group Total	37	37	2.35	.824	.135	
Went to lecture or panel discussion	Sex of student	Male	14	14	1.93	.730	.195
		Female	23	23	2.13	.968	.202
	Group Total	37	37	2.05	.880	.145	
Used a campus learning lab or center	Sex of student	Male	14	14	1.71	.726	.194
		Female	23	23	1.96	1.065	.222
	Group Total	37	37	1.86	.948	.156	
Used campus recreational facilities	Sex of student	Male	14	14	2.50	.941	.251
		Female	23	23	2.74	1.054	.220
	Group Total	37	37	2.65	1.006	.165	
Played a team sport	Sex of student	Male	14	14	2.21	1.311	.350
		Female	23	23	1.57	1.037	.216
	Group Total	37	37	1.81	1.175	.193	
Followed regular exercise schedule	Sex of student	Male	14	14	2.36	1.216	.325
		Female	23	23	2.22	1.242	.259
	Group Total	37	37	2.27	1.217	.200	

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**Clubs and Organizations**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Attended a meeting of campus org.	Sex of student	Male	14	14	2.14	1.167	.312
		Female	23	23	3.00	1.044	.218
	Group Total	37	37	2.68	1.156	.190	
Worked on campus committee/organization	Sex of student	Male	14	13	1.54	.967	.268
		Female	23	23	2.09	1.203	.251
	Group Total	37	36	1.89	1.141	.190	
Worked on off-campus committee/org.	Sex of student	Male	14	13	1.77	1.092	.303
		Female	23	23	1.43	.896	.187
	Group Total	37	36	1.56	.969	.162	
Met with faculty to discuss campus group	Sex of student	Male	14	14	1.50	.760	.203
		Female	23	23	1.65	.832	.173
	Group Total	37	37	1.59	.798	.131	
Managed an organization on or off campus	Sex of student	Male	14	14	2.00	1.301	.348
		Female	23	23	1.83	1.193	.249
	Group Total	37	37	1.89	1.220	.201	

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**Personal Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Told friend about reaction to others	Sex of student	Male	14	14	2.57	.646	.173
		Female	23	23	3.26	.864	.180
	Group Total	37	37	3.00	.850	.140	
Discussed why some people get along	Sex of student	Male	14	14	2.71	.825	.221
		Female	23	23	3.04	.928	.194
	Group Total	37	37	2.92	.894	.147	
Asked for help with a personal problem	Sex of student	Male	14	14	2.43	1.089	.291
		Female	23	23	2.70	.974	.203
	Group Total	37	37	2.59	1.013	.166	
Read about personal growth/self-improve	Sex of student	Male	14	14	1.79	.975	.261
		Female	23	23	1.78	.736	.153
	Group Total	37	37	1.78	.821	.135	
Identified with book/movie/TV character	Sex of student	Male	14	14	2.71	.914	.244
		Female	23	23	2.96	.878	.183
	Group Total	37	37	2.86	.887	.146	
Took test to measure abilities/interests	Sex of student	Male	14	14	2.29	1.069	.286
		Female	23	23	2.26	.864	.180
	Group Total	37	37	2.27	.932	.153	
Asked friend his/her opinion of you	Sex of student	Male	14	14	2.36	.745	.199
		Female	23	23	2.04	.878	.183
	Group Total	37	37	2.16	.834	.137	
Talked with F/S about personal concern	Sex of student	Male	14	14	1.64	.842	.225
		Female	23	23	1.78	.951	.198
	Group Total	37	37	1.73	.902	.148	

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**Student Acquaintances**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Acquainted: students of diff. interests	Sex of student	Male	14	14	2.64	.929	.248
		Female	23	23	2.83	.887	.185
	Group Total		37	37	2.76	.895	.147
Acquainted: students of diff. background	Sex of student	Male	14	14	2.79	.802	.214
		Female	23	23	3.04	.825	.172
	Group Total		37	37	2.95	.815	.134
Acquainted: students of diff. age	Sex of student	Male	14	14	3.14	.663	.177
		Female	23	23	3.26	.864	.180
	Group Total		37	37	3.22	.787	.129
Acquainted: students of diff. race	Sex of student	Male	14	14	2.86	.770	.206
		Female	23	23	2.78	.902	.188
	Group Total		37	37	2.81	.845	.139
Acquainted: students from other country	Sex of student	Male	14	14	2.64	.633	.169
		Female	23	23	2.39	.839	.175
	Group Total		37	37	2.49	.768	.126
Discussions: students of diff. values	Sex of student	Male	14	14	2.43	.852	.228
		Female	23	23	2.83	.887	.185
	Group Total		37	37	2.68	.884	.145
Discussions: students of diff. political	Sex of student	Male	14	14	2.71	.994	.266
		Female	23	23	2.78	.998	.208
	Group Total		37	37	2.76	.983	.162
Discussions: students of diff. religious	Sex of student	Male	14	14	2.57	1.016	.272
		Female	23	23	2.78	1.043	.217
	Group Total		37	37	2.70	1.024	.168
Discussions: students of diff. race	Sex of student	Male	14	14	2.50	.941	.251
		Female	23	23	2.35	1.191	.248
	Group Total		37	37	2.41	1.092	.180
Discussions: students of diff. country	Sex of student	Male	14	14	2.43	1.089	.291
		Female	23	23	2.09	1.041	.217
	Group Total		37	37	2.22	1.058	.174

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**Science and Quantitative Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Memorized formulas/definitions/concepts	Sex of student	Male	14	14	2.79	.975	.261
		Female	23	23	3.22	.850	.177
	Group Total	37	37	3.05	.911	.150	
Expressed relationships using math terms	Sex of student	Male	14	14	2.64	1.008	.269
		Female	23	23	2.52	.994	.207
	Group Total	37	37	2.57	.987	.162	
Explained scientific concept to others	Sex of student	Male	14	14	2.36	.842	.225
		Female	23	23	2.26	.915	.191
	Group Total	37	37	2.30	.878	.144	
Read articles about science not assigned	Sex of student	Male	14	14	1.79	.802	.214
		Female	23	23	1.70	.876	.183
	Group Total	37	37	1.73	.838	.138	
Completed an experiment w/sci. methods	Sex of student	Male	14	14	2.29	.914	.244
		Female	23	23	2.26	.915	.191
	Group Total	37	37	2.27	.902	.148	
Practiced using laboratory equipment	Sex of student	Male	14	14	2.21	.802	.214
		Female	23	23	1.96	1.065	.222
	Group Total	37	37	2.05	.970	.160	
Showed how to use scientific equipment	Sex of student	Male	14	14	2.14	.949	.254
		Female	23	23	1.91	.949	.198
	Group Total	37	37	2.00	.943	.155	
Explained experimental procedure	Sex of student	Male	14	13	2.15	.899	.249
		Female	23	23	2.13	.968	.202
	Group Total	37	36	2.14	.931	.155	
Compared sci. method with other methods	Sex of student	Male	14	14	2.14	.663	.177
		Female	23	23	1.78	.951	.198
	Group Total	37	37	1.92	.862	.142	
Explained scientific basis for concerns	Sex of student	Male	14	14	2.07	.730	.195
		Female	23	23	2.30	.822	.171
	Group Total	37	37	2.22	.787	.129	

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**Topics of Conversation**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Topic: Current events in the news	Sex of student	Male	14	13	3.15	.801	.222
		Female	23	23	3.35	.775	.162
	Group Total	37	36	3.28	.779	.130	
Topic: Social issues--peace,justice, etc	Sex of student	Male	14	13	2.92	.641	.178
		Female	23	23	3.00	.674	.141
	Group Total	37	36	2.97	.654	.109	
Topic: Different lifestyles, etc.	Sex of student	Male	14	13	2.77	.832	.231
		Female	23	23	3.00	.798	.166
	Group Total	37	36	2.92	.806	.134	
Topic: Ideas of writers, etc.	Sex of student	Male	14	13	2.54	.877	.243
		Female	23	23	2.35	.885	.184
	Group Total	37	36	2.42	.874	.146	
Topic: The arts--painting, poetry, etc.	Sex of student	Male	14	13	2.77	.832	.231
		Female	23	23	2.87	.920	.192
	Group Total	37	36	2.83	.878	.146	
Topic: Science--theories, etc.	Sex of student	Male	14	13	2.54	.776	.215
		Female	23	23	2.26	.915	.191
	Group Total	37	36	2.36	.867	.144	
Topic: Computers and other technologies	Sex of student	Male	14	13	3.00	.816	.226
		Female	23	23	1.87	.626	.130
	Group Total	37	36	2.28	.882	.147	
Topic: Social/ethical issues re: science	Sex of student	Male	14	13	2.77	.725	.201
		Female	23	23	2.48	.790	.165
	Group Total	37	36	2.58	.770	.128	
Topic: The economy--employment, etc.	Sex of student	Male	14	13	2.69	.855	.237
		Female	23	23	2.74	.810	.169
	Group Total	37	36	2.72	.815	.136	
Topic: International relations	Sex of student	Male	14	13	2.54	.776	.215
		Female	23	23	2.78	.850	.177
	Group Total	37	36	2.69	.822	.137	



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**Information in Conversations**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Referred to readings or classes	Sex of student	Male	14	12	3.08	.515	.149
		Female	23	23	2.87	.694	.145
	Group Total	37	35	2.94	.639	.108	
Explored different ways of thinking	Sex of student	Male	14	12	2.75	.622	.179
		Female	23	23	2.70	.765	.159
	Group Total	37	35	2.71	.710	.120	
Referred to something instructor said	Sex of student	Male	14	12	2.50	.798	.230
		Female	23	23	2.78	.600	.125
	Group Total	37	35	2.69	.676	.114	
Subsequently read something on a topic	Sex of student	Male	14	12	2.42	.900	.260
		Female	23	23	2.57	.662	.138
	Group Total	37	35	2.51	.742	.126	
Changed opinion because of others	Sex of student	Male	14	12	2.58	.900	.260
		Female	23	23	2.13	.694	.145
	Group Total	37	35	2.29	.789	.133	
Persuaded others to change their minds	Sex of student	Male	14	12	2.58	.900	.260
		Female	23	23	2.00	.603	.126
	Group Total	37	35	2.20	.759	.128	

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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Library Scale							
Sex of student	Male		14	14	16.93	2.731	.730
	Female		23	22	19.00	4.741	1.011
Group Total			37	36	18.19	4.160	.693
QE: Computer and IT Scale							
Sex of student	Male		14	14	24.71	5.254	1.404
	Female		23	23	24.17	3.326	.693
Group Total			37	37	24.38	4.098	.674
QE: Course Learning Scale							
Sex of student	Male		14	14	30.36	6.404	1.712
	Female		23	22	32.64	4.204	.896
Group Total			37	36	31.75	5.206	.868
QE: Writing Experiences Scale							
Sex of student	Male		14	14	18.43	4.879	1.304
	Female		23	23	18.48	3.953	.824
Group Total			37	37	18.46	4.260	.700
QE: Experiences with Faculty Scale							
Sex of student	Male		14	14	23.14	7.273	1.944
	Female		23	23	23.78	6.120	1.276
Group Total			37	37	23.54	6.488	1.067
QE: Art, Music, Theater Scale							
Sex of student	Male		14	14	15.71	5.594	1.495
	Female		23	23	16.30	6.003	1.252
Group Total			37	37	16.08	5.780	.950
QE: Campus Facilities Scale							
Sex of student	Male		14	14	17.57	4.831	1.291
	Female		23	23	18.48	5.744	1.198
Group Total			37	37	18.14	5.365	.882
QE: Clubs and Organizations Scale							
Sex of student	Male		14	13	9.00	4.203	1.166
	Female		23	23	10.00	4.189	.873
Group Total			37	36	9.64	4.162	.694
QE: Personal Experiences Scale							
Sex of student	Male		14	14	18.50	4.988	1.333
	Female		23	23	19.83	4.207	.877
Group Total			37	37	19.32	4.497	.739
QE: Student Acquaintances Scale							
Sex of student	Male		14	14	26.71	6.742	1.802
	Female		23	23	27.13	7.143	1.489
Group Total			37	37	26.97	6.902	1.135
QE: Science & Quantitative Exp. Scale							
Sex of student	Male		14	13	22.77	6.444	1.787
	Female		23	23	22.04	5.850	1.220
Group Total			37	36	22.31	5.990	.998
QE: Topics of Conversation Scale							
Sex of student	Male		14	13	27.69	4.733	1.313
	Female		23	23	26.70	3.843	.801
Group Total			37	36	27.06	4.147	.691
QE: Information in Conversations Scale							
Sex of student	Male		14	12	15.92	3.630	1.048
	Female		23	23	15.04	2.306	.481
Group Total			37	35	15.34	2.807	.474

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**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Number of texts read							
Sex of student	Male		14	13	3.00	.913	.253
	Female		23	23	2.83	.834	.174
	Group Total		37	36	2.89	.854	.142
Number of course packets read							
Sex of student	Male		14	12	2.25	1.055	.305
	Female		23	23	2.43	.896	.187
	Group Total		37	35	2.37	.942	.159
Number of non-assigned books read							
Sex of student	Male		14	11	1.82	.982	.296
	Female		23	23	2.74	1.214	.253
	Group Total		37	34	2.44	1.211	.208
Number of essays written							
Sex of student	Male		14	13	3.23	1.092	.303
	Female		23	23	3.04	1.065	.222
	Group Total		37	36	3.11	1.063	.177
Number of term papers written							
Sex of student	Male		14	12	3.42	1.084	.313
	Female		23	23	2.87	.968	.202
	Group Total		37	35	3.06	1.027	.174
How well college is liked							
Sex of student	Male		14	13	2.92	.494	.137
	Female		23	23	3.22	.902	.188
	Group Total		37	36	3.11	.785	.131
Would attend same institution again							
Sex of student	Male		14	13	2.92	.641	.178
	Female		23	23	3.09	.733	.153
	Group Total		37	36	3.03	.696	.116
Overall opinion of college							
Sex of student	Male		14	13	5.85	.801	.222
	Female		23	23	6.30	1.396	.291
	Group Total		37	36	6.14	1.222	.204

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**Measures of the College Environment**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Env. Emphasis: Scholarship	Sex of student	Male	14	13	5.77	1.235	.343
		Female	23	23	6.22	1.126	.235
	Group Total		37	36	6.06	1.170	.195
Env. Emphasis: Aesthetics	Sex of student	Male	14	13	5.08	1.038	.288
		Female	23	23	4.87	1.058	.221
	Group Total		37	36	4.94	1.040	.173
Env. Emphasis: Analysis	Sex of student	Male	14	12	5.17	1.030	.297
		Female	23	23	5.78	.951	.198
	Group Total		37	35	5.57	1.008	.170
Env. Emphasis: Diversity	Sex of student	Male	14	13	4.54	1.713	.475
		Female	23	23	4.70	1.550	.323
	Group Total		37	36	4.64	1.588	.265
Env. Emphasis: Info. literacy skills	Sex of student	Male	14	13	5.23	1.166	.323
		Female	23	23	5.13	.968	.202
	Group Total		37	36	5.17	1.028	.171
Env. Emphasis: Vocational	Sex of student	Male	14	13	4.38	1.121	.311
		Female	23	23	4.57	1.441	.300
	Group Total		37	36	4.50	1.320	.220
Env. Emphasis: Practical courses	Sex of student	Male	14	12	3.92	1.505	.434
		Female	23	23	5.13	1.424	.297
	Group Total		37	35	4.71	1.545	.261
Relationships: Other students	Sex of student	Male	14	13	5.31	1.032	.286
		Female	23	23	5.30	1.428	.298
	Group Total		37	36	5.31	1.283	.214
Relationships: Administrative personnel	Sex of student	Male	14	13	4.46	1.266	.351
		Female	23	23	4.22	1.565	.326
	Group Total		37	36	4.31	1.451	.242
Relationships: Faculty members	Sex of student	Male	14	13	4.92	.862	.239
		Female	23	23	5.43	1.199	.250
	Group Total		37	36	5.25	1.105	.184

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Vocational preparation	Sex of student	Male	14	14	2.36	.929	.248
		Female	23	22	2.55	.739	.157
	Group Total	37	36	2.47	.810	.135	
Gain: Skills for professional career	Sex of student	Male	14	14	2.57	.852	.228
		Female	23	22	2.95	.653	.139
	Group Total	37	36	2.81	.749	.125	
Gain: Broad general education	Sex of student	Male	14	14	2.64	.745	.199
		Female	23	22	2.95	.722	.154
	Group Total	37	36	2.83	.737	.123	
Gain: Career information	Sex of student	Male	14	14	2.50	.650	.174
		Female	23	22	2.95	.722	.154
	Group Total	37	36	2.78	.722	.120	
Gain: Enjoyment of art, music, drama	Sex of student	Male	14	14	2.71	.914	.244
		Female	23	22	2.36	1.049	.224
	Group Total	37	36	2.50	1.000	.167	
Gain: Acquaintance with literature	Sex of student	Male	14	14	2.07	.829	.221
		Female	23	22	2.36	.658	.140
	Group Total	37	36	2.25	.732	.122	
Gain: Understanding history	Sex of student	Male	14	14	2.29	.914	.244
		Female	23	22	2.32	.945	.202
	Group Total	37	36	2.31	.920	.153	
Gain: Knowledge about world	Sex of student	Male	14	14	2.29	.611	.163
		Female	23	22	2.32	1.041	.222
	Group Total	37	36	2.31	.889	.148	
Gain: Writing effectively	Sex of student	Male	14	14	2.29	.611	.163
		Female	23	22	2.68	.780	.166
	Group Total	37	36	2.53	.736	.123	
Gain: Speaking effectively	Sex of student	Male	14	14	2.71	.825	.221
		Female	23	22	2.91	.610	.130
	Group Total	37	36	2.83	.697	.116	
Gain: Using computers, other info tech	Sex of student	Male	14	14	2.64	.929	.248
		Female	23	22	2.82	.795	.169
	Group Total	37	36	2.75	.841	.140	
Gain: Awareness of other philosophies	Sex of student	Male	14	14	2.43	1.016	.272
		Female	23	22	2.77	.869	.185
	Group Total	37	36	2.64	.931	.155	
Gain: Values and ethical standards	Sex of student	Male	14	14	2.64	.745	.199
		Female	23	22	2.91	.684	.146
	Group Total	37	36	2.81	.710	.118	

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Understanding self	Sex of student	Male	14	14	2.79	.579	.155
		Female	23	22	3.32	.646	.138
	Group Total	37	36	3.11	.667	.111	
Gain: Getting along with others	Sex of student	Male	14	14	2.50	.519	.139
		Female	23	22	3.23	.685	.146
	Group Total	37	36	2.94	.715	.119	
Gain: Functioning as a team member	Sex of student	Male	14	14	2.64	.745	.199
		Female	23	22	2.73	.767	.164
	Group Total	37	36	2.69	.749	.125	
Gain: Personal health habits and fitness	Sex of student	Male	14	14	2.50	.760	.203
		Female	23	22	2.50	1.185	.253
	Group Total	37	36	2.50	1.028	.171	
Gain: Understanding science	Sex of student	Male	14	14	2.43	.756	.202
		Female	23	22	2.77	.973	.207
	Group Total	37	36	2.64	.899	.150	
Gain: Understanding new technology	Sex of student	Male	14	14	2.36	.929	.248
		Female	23	22	2.36	.848	.181
	Group Total	37	36	2.36	.867	.144	
Gain: Consequences of science, tech.	Sex of student	Male	14	14	2.43	1.089	.291
		Female	23	22	2.45	.912	.194
	Group Total	37	36	2.44	.969	.162	
Gain: Thinking analytically	Sex of student	Male	14	14	2.79	.893	.239
		Female	23	22	2.64	.953	.203
	Group Total	37	36	2.69	.920	.153	
Gain: Analyzing quantitative problems	Sex of student	Male	14	14	2.43	.756	.202
		Female	23	22	2.45	.858	.183
	Group Total	37	36	2.44	.809	.135	
Gain: Synthesizing ideas	Sex of student	Male	14	14	2.57	.646	.173
		Female	23	22	2.91	.868	.185
	Group Total	37	36	2.78	.797	.133	
Gain: Learning on one's own	Sex of student	Male	14	14	2.43	.756	.202
		Female	23	22	2.95	.785	.167
	Group Total	37	36	2.75	.806	.134	
Gain: Adapting to change	Sex of student	Male	14	14	2.43	.852	.228
		Female	23	21	3.00	.775	.169
	Group Total	37	35	2.77	.843	.143	

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #1	Sex of student	Male	14	13	3.62	.870	.241
		Female	23	23	3.65	.832	.173
	Group Total	37	36	3.64	.833	.139	
Additional question #2	Sex of student	Male	14	13	3.31	1.316	.365
		Female	23	23	2.87	1.359	.283
	Group Total	37	36	3.03	1.341	.224	
Additional question #3	Sex of student	Male	14	13	3.38	.961	.266
		Female	23	23	3.00	1.348	.281
	Group Total	37	36	3.14	1.222	.204	
Additional question #4	Sex of student	Male	14	13	2.31	.751	.208
		Female	23	23	2.48	.730	.152
	Group Total	37	36	2.42	.732	.122	
Additional question #5	Sex of student	Male	14	13	3.15	1.463	.406
		Female	23	21	3.19	1.327	.290
	Group Total	37	34	3.18	1.359	.233	
Additional question #6	Sex of student	Male	14	10	2.80	1.033	.327
		Female	23	15	2.47	1.125	.291
	Group Total	37	25	2.60	1.080	.216	
Additional question #7	Sex of student	Male	14	12	3.25	1.215	.351
		Female	23	23	2.57	.945	.197
	Group Total	37	35	2.80	1.079	.182	
Additional question #8	Sex of student	Male	14	13	3.00	1.354	.376
		Female	23	23	3.09	1.505	.314
	Group Total	37	36	3.06	1.433	.239	
Additional question #9	Sex of student	Male	14	13	2.46	1.266	.351
		Female	23	23	2.43	1.409	.294
	Group Total	37	36	2.44	1.340	.223	
Additional question #10	Sex of student	Male	14	13	2.46	1.127	.312
		Female	23	23	2.57	1.161	.242
	Group Total	37	36	2.53	1.134	.189	
Additional question #11	Sex of student	Male	14	13	2.46	.776	.215
		Female	23	23	2.00	.798	.166
	Group Total	37	36	2.17	.811	.135	
Additional question #12	Sex of student	Male	14	13	2.77	1.301	.361
		Female	23	23	2.74	1.287	.268
	Group Total	37	36	2.75	1.273	.212	
Additional question							

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**Additional Items**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Additional question #13	Sex of student	Male	14	13	3.38	1.325	.368
		Female	23	23	2.96	1.397	.291
	Group Total	37	36	3.11	1.369	.228	
Additional question #14	Sex of student	Male	14	12	3.17	1.030	.297
		Female	23	23	2.57	.896	.187
	Group Total	37	35	2.77	.973	.164	
Additional question #15	Sex of student	Male	14	13	2.54	1.198	.332
		Female	23	23	2.43	.992	.207
	Group Total	37	36	2.47	1.055	.176	
Additional question #16	Sex of student	Male	14	13	3.00	1.155	.320
		Female	23	23	2.52	.947	.198
	Group Total	37	36	2.69	1.037	.173	
Additional question #17	Sex of student	Male	14	13	2.85	.987	.274
		Female	23	23	2.65	1.191	.248
	Group Total	37	36	2.72	1.111	.185	
Additional question #18	Sex of student	Male	14	13	3.69	1.316	.365
		Female	23	23	3.30	1.295	.270
	Group Total	37	36	3.44	1.297	.216	
Additional question #19	Sex of student	Male	14	13	3.31	1.109	.308
		Female	23	23	2.65	.885	.184
	Group Total	37	36	2.89	1.008	.168	
Additional question #20	Sex of student	Male	14	13	2.38	1.261	.350
		Female	23	23	2.17	.717	.149
	Group Total	37	36	2.25	.937	.156	



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**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Surveys submitted	Yes	145	100	288	100	7	100	440	100
Age of student	19 or younger	3	2	17	6	0	0	20	5
	20-23	138	95	266	92	2	100	406	93
	24-29	3	2	3	1	0	0	6	1
	30-39	0	0	1	0	0	0	1	0
	40-55	1	1	1	0	0	0	2	0
Total		145	100	288	100	2	100	435	100
Marital status	not married	138	95	278	98	2	100	418	97
	married	6	4	5	2	0	0	11	3
	divorced	1	1	2	1	0	0	3	1
Total		145	100	285	100	2	100	432	100
College classification	sophomore	1	1	1	0	0	0	2	0
	junior	113	78	253	88	2	100	368	85
	senior	31	21	33	11	0	0	64	15
Total		145	100	287	100	2	100	434	100
Enter college here or transfer	started here	120	83	258	91	2	100	380	88
	transferred	25	17	27	9	0	0	52	12
Total		145	100	285	100	2	100	432	100
Where live now during school	dorm, other housing	47	32	84	29	0	0	131	30
	residence in walking	70	48	175	61	0	0	245	56
	residence in driving	15	10	27	9	2	100	44	10
	fraternity, sorority	13	9	2	1	0	0	15	3
Total		145	100	288	100	2	100	435	100
Live with: no one	no	128	90	272	94	1	50	401	93
	yes	15	10	16	6	1	50	32	7
Total		143	100	288	100	2	100	433	100
Live with: other students	no	26	18	37	13	1	50	64	15
	yes	117	82	251	87	1	50	369	85
Total		143	100	288	100	2	100	433	100
Live with: spouse or partner	no	135	94	279	97	2	100	416	96
	yes	8	6	9	3	0	0	17	4
Total		143	100	288	100	2	100	433	100
Live with: my child	no	141	99	284	99	2	100	427	99
	yes	2	1	4	1	0	0	6	1
Total		143	100	288	100	2	100	433	100
Live with: my parents	no	143	100	285	99	2	100	430	99
	yes	0	0	3	1	0	0	3	1
Total		143	100	288	100	2	100	433	100
Live with: other relatives	no	143	100	286	99	2	100	431	100
	yes	0	0	2	1	0	0	2	0
Total		143	100	288	100	2	100	433	100
Live with: friends not students here	no	140	98	282	98	2	100	424	98
	yes	3	2	6	2	0	0	9	2
Total		143	100	288	100	2	100	433	100
Live with: others	no	141	99	286	99	2	100	429	99
	yes	2	1	2	1	0	0	4	1
Total		143	100	288	100	2	100	433	100
Access to a computer	yes	143	99	285	99	2	100	430	99
	no	1	1	3	1	0	0	4	1
Total		144	100	288	100	2	100	434	100
Grades at this college	C-, C-, or lower	2	1	1	0	0	0	3	1
	B-, C+	15	10	21	7	0	0	36	8
	B	30	21	56	19	1	50	87	20
	A-, B+	62	43	129	45	1	50	192	44
	A	34	24	81	28	0	0	115	27
Total		143	100	288	100	2	100	433	100
Parents graduate from college	no	39	27	74	26	2	100	115	26
	yes, both parents	67	46	138	48	0	0	205	47
	yes, father only	21	14	38	13	0	0	59	14
	do not know	3	2	2	1	0	0	5	1
Total		145	100	288	100	2	100	435	100

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**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Enroll for a more advanced degree	yes	117	81	228	79	2	67	347	80
	no	28	19	59	21	1	33	88	20
Total		145	100	287	100	3	100	435	100
Number of term credit hours	6 or fewer	1	1	0	0	0	0	1	0
	7-11	1	1	0	0	0	0	1	0
	12-14	50	34	81	28	1	50	132	30
	15-16	80	55	166	58	1	50	247	57
	17 or more	13	9	41	14	0	0	54	12
Total		145	100	288	100	2	100	435	100
Hours on out of class academic work	5 or less hrs weekly	11	8	5	2	0	0	16	4
	6-10 hrs weekly	26	18	42	15	0	0	68	16
	11-15 hrs weekly	40	28	68	24	0	0	108	25
	16-20 hrs weekly	34	23	73	25	1	33	108	25
	21-25 hrs weekly	14	10	52	18	2	67	68	16
	26-30 hrs weekly	7	5	26	9	0	0	33	8
	more than 30 hrs	13	9	22	8	0	0	35	8
Total		145	100	288	100	3	100	436	100
Hours working on campus for pay	none; no job	66	46	122	42	1	50	189	44
	1-10 hrs weekly	48	33	122	42	1	50	171	39
	11-20 hrs weekly	26	18	37	13	0	0	63	15
	21-30 hrs weekly	2	1	4	1	0	0	6	1
	31-40 hrs weekly	1	1	3	1	0	0	4	1
	more than 40 hrs	1	1	0	0	0	0	1	0
Total		144	100	288	100	2	100	434	100
Hours working off campus for pay	none; no job	120	83	226	78	1	50	347	80
	1-10 hrs weekly	7	5	28	10	0	0	35	8
	11-20 hrs weekly	7	5	24	8	1	50	32	7
	21-30 hrs weekly	8	6	10	3	0	0	18	4
	31-40 hrs weekly	2	1	0	0	0	0	2	0
	more than 40 hrs	1	1	0	0	0	0	1	0
Total		145	100	288	100	2	100	435	100
How job affects school work	no job	50	35	91	32	1	50	142	33
	does not interfere	43	30	82	28	0	0	125	29
	takes some time	46	32	104	36	1	50	151	35
	takes lots of time	5	3	11	4	0	0	16	4
Total		144	100	288	100	2	100	434	100
Meet expenses: self	none	14	11	34	14	0	0	48	13
	very little	56	46	124	50	0	0	180	49
	less than half	27	22	64	26	1	50	92	25
	about half	12	10	12	5	1	50	25	7
	more than half	5	4	6	2	0	0	11	3
	all or nearly all	8	7	7	3	0	0	15	4
Total		122	100	247	100	2	100	371	100
Meet expenses: parents	none	25	20	33	12	1	50	59	15
	very little	24	19	56	21	0	0	80	20
	less than half	21	16	57	21	1	50	79	20
	about half	17	13	36	13	0	0	53	13
	more than half	20	16	40	15	0	0	60	15
	all or nearly all	21	16	46	17	0	0	67	17
Total		128	100	268	100	2	100	398	100
Meet expenses: spouse or partner	none	89	95	204	97	2	100	295	96
	very little	3	3	5	2	0	0	8	3
	less than half	0	0	2	1	0	0	2	1
	about half	2	2	0	0	0	0	2	1
Total		94	100	211	100	2	100	307	100
Meet expenses: employer	none	85	93	194	94	1	50	280	93
	very little	4	4	9	4	1	50	14	5
	less than half	1	1	3	1	0	0	4	1
	about half	0	0	1	0	0	0	1	0
Total		91	100	207	100	2	100	300	100

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**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Meet expenses: scholarships and grants	none	15	12	22	9	0	0	37	10
	very little	10	8	36	14	1	33	47	12
	less than half	28	22	65	25	1	33	94	24
	about half	25	20	46	18	0	0	71	18
	more than half	20	16	40	16	1	33	61	16
	all or nearly all	27	22	49	19	0	0	76	20
Total		125	100	258	100	3	100	386	100
Meet expenses: loans	none	55	53	112	48	0	0	167	49
	very little	4	4	16	7	1	50	21	6
	less than half	23	22	38	16	1	50	62	18
	about half	12	12	28	12	0	0	40	12
	more than half	7	7	22	9	0	0	29	9
	all or nearly all	2	2	18	8	0	0	20	6
Total		103	100	234	100	2	100	339	100
Meet expenses: other sources	none	83	90	191	92	1	100	275	92
	very little	6	7	7	3	0	0	13	4
	less than half	1	1	4	2	0	0	5	2
	about half	0	0	3	1	0	0	3	1
	more than half	1	1	1	0	0	0	2	1
	all or nearly all	1	1	1	0	0	0	2	1
Total		92	100	207	100	1	100	300	100
Race: American Indian or other native	no	142	100	282	100	2	100	426	100
	yes	0	0	1	0	0	0	1	0
Total		142	100	283	100	2	100	427	100
Race: Asian or Pacific Islander	no	130	92	273	96	2	100	405	95
	yes	12	8	10	4	0	0	22	5
Total		142	100	283	100	2	100	427	100
Race: Black or African American	no	137	96	274	97	2	100	413	97
	yes	5	4	9	3	0	0	14	3
Total		142	100	283	100	2	100	427	100
Race: Caucasian	no	23	16	26	9	0	0	49	11
	yes	119	84	257	91	2	100	378	89
Total		142	100	283	100	2	100	427	100
Race: Mexican American	no	141	99	278	98	2	100	421	99
	yes	1	1	5	2	0	0	6	1
Total		142	100	283	100	2	100	427	100
Race: Puerto Rican	no	142	100	282	100	2	100	426	100
	yes	0	0	1	0	0	0	1	0
Total		142	100	283	100	2	100	427	100
Race: Other Hispanic	no	142	100	281	99	2	100	425	100
	yes	0	0	2	1	0	0	2	0
Total		142	100	283	100	2	100	427	100
Race: Other	no	137	96	279	99	2	100	418	98
	yes	5	4	4	1	0	0	9	2
Total		142	100	283	100	2	100	427	100
No. of racial/ethnic groups of student	belongs to 1 group	142	100	278	98	2	100	422	99
	belongs to 2 groups	0	0	4	1	0	0	4	1
	belongs to 3 groups	0	0	1	0	0	0	1	0
Total		142	100	283	100	2	100	427	100
Racial or ethnic identification	Asian, Pacific Islander	12	8	10	4	0	0	22	5
	Black, African American	5	4	7	2	0	0	12	3
	White, Caucasian	119	84	253	89	2	100	374	88
	Mexican-American	1	1	3	1	0	0	4	1
	Puerto Rican	0	0	1	0	0	0	1	0
	Other Hispanic	0	0	1	0	0	0	1	0
	Other	5	4	3	1	0	0	8	2
Total	Multiracial	0	0	5	2	0	0	5	1
Total		142	100	283	100	2	100	427	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Agriculture	no	143	100	281	100	2	100	426	100
	yes	0	0	1	0	0	0	1	0
Total		143	100	282	100	2	100	427	100
Major: Biological or life sciences	no	138	97	264	94	1	50	403	94
	yes	5	3	18	6	1	50	24	6
Total		143	100	282	100	2	100	427	100
Major: Business	no	110	77	254	90	2	100	366	86
	yes	33	23	28	10	0	0	61	14
Total		143	100	282	100	2	100	427	100
Major: Communications	no	135	94	270	96	2	100	407	95
	yes	8	6	12	4	0	0	20	5
Total		143	100	282	100	2	100	427	100
Major: Computer and information sciences	no	140	98	282	100	2	100	424	99
	yes	3	2	0	0	0	0	3	1
Total		143	100	282	100	2	100	427	100
Major: Education	no	136	95	270	96	2	100	408	96
	yes	7	5	12	4	0	0	19	4
Total		143	100	282	100	2	100	427	100
Major: Engineering	no	143	100	282	100	2	100	427	100
Total		143	100	282	100	2	100	427	100
Major: Ethnic, cultural, Total	no	143	100	282	100	2	100	427	100
Total		143	100	282	100	2	100	427	100
Major: Foreign languages and literature	no	140	98	271	96	2	100	413	97
	yes	3	2	11	4	0	0	14	3
Total		143	100	282	100	2	100	427	100
Major: Health-related fields	no	137	96	257	91	2	100	396	93
	yes	6	4	25	9	0	0	31	7
Total		143	100	282	100	2	100	427	100
Major: History	no	134	94	279	99	2	100	415	97
	yes	9	6	3	1	0	0	12	3
Total		143	100	282	100	2	100	427	100
Major: Humanities	no	130	91	262	93	2	100	394	92
	yes	13	9	20	7	0	0	33	8
Total		143	100	282	100	2	100	427	100
Major: Liberal or general Total	no	143	100	282	100	2	100	427	100
Total		143	100	282	100	2	100	427	100
Major: Mathematics	no	138	97	280	99	2	100	420	98
	yes	5	3	2	1	0	0	7	2
Total		143	100	282	100	2	100	427	100
Major: Multi/interdisciplinary	no	143	100	281	100	1	50	425	100
	yes	0	0	1	0	1	50	2	0
Total		143	100	282	100	2	100	427	100
Major: Recreation or sports management	no	143	100	280	99	2	100	425	100
	yes	0	0	2	1	0	0	2	0
Total		143	100	282	100	2	100	427	100
Major: Physical sciences	no	140	98	277	98	2	100	419	98
	yes	3	2	5	2	0	0	8	2
Total		143	100	282	100	2	100	427	100
Major: Pre-professional	no	142	99	275	98	1	50	418	98
	yes	1	1	7	2	1	50	9	2
Total		143	100	282	100	2	100	427	100
Major: Public administration	no	142	99	281	100	2	100	425	100
	yes	1	1	1	0	0	0	2	0
Total		143	100	282	100	2	100	427	100
Major: Social sciences	no	128	90	264	94	1	50	393	92
	yes	15	10	18	6	1	50	34	8
Total		143	100	282	100	2	100	427	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Visual and performing arts	no	138	97	274	97	2	100	414	97
	yes	5	3	8	3	0	0	13	3
Total		143	100	282	100	2	100	427	100
Major: Undecided	no	143	100	282	100	2	100	427	100
	yes	143	100	282	100	2	100	427	100
Total		143	100	282	100	2	100	427	100
Major: Other	no	65	45	97	34	1	50	163	38
	yes	78	55	185	66	1	50	264	62
Total		143	100	282	100	2	100	427	100

**Library Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used the library to study	never	20	14	43	15	0	0	63	14
	occasionally	62	43	147	51	1	50	210	48
	often	38	26	52	18	0	0	90	21
	very often	25	17	46	16	1	50	72	17
	Total	145	100	288	100	2	100	435	100
Found something interesting browsing	never	39	27	88	31	1	50	128	29
	occasionally	60	41	157	55	0	0	217	50
	often	28	19	29	10	1	50	58	13
	very often	18	12	13	5	0	0	31	7
	Total	145	100	287	100	2	100	434	100
Asked a librarian/staff member for help	never	47	33	96	33	0	0	143	33
	occasionally	70	49	148	51	2	100	220	51
	often	19	13	36	13	0	0	55	13
	very often	8	6	8	3	0	0	16	4
	Total	144	100	288	100	2	100	434	100
Read assigned material not texts	never	27	19	66	23	1	50	94	22
	occasionally	75	52	134	47	1	50	210	48
	often	31	22	60	21	0	0	91	21
	very often	11	8	27	9	0	0	38	9
	Total	144	100	287	100	2	100	433	100
Used index or database to find material	never	4	3	18	6	0	0	22	5
	occasionally	52	36	71	25	1	50	124	29
	often	40	28	119	41	0	0	159	37
	very often	48	33	79	28	1	50	128	30
	Total	144	100	287	100	2	100	433	100
Wrote bibliography for a term paper	never	17	12	21	7	0	0	38	9
	occasionally	47	32	73	25	0	0	120	28
	often	42	29	105	37	0	0	147	34
	very often	39	27	88	31	2	100	129	30
	Total	145	100	287	100	2	100	434	100
Gone back to read basic reference	never	51	35	140	49	0	0	191	44
	occasionally	70	48	110	39	1	50	181	42
	often	15	10	23	8	1	50	39	9
	very often	9	6	12	4	0	0	21	5
	Total	145	100	285	100	2	100	432	100
Made a judgment about quality of info.	never	13	9	27	9	0	0	40	9
	occasionally	65	45	116	41	2	100	183	42
	often	38	26	80	28	0	0	118	27
	very often	29	20	63	22	0	0	92	21
	Total	145	100	286	100	2	100	433	100

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**Computer and Information Technology Activities**

		Sex of student						Total		
		Male		Female		Missing		N	%	
		N	%	N	%	N	%			
Used computer/word processor for paper	occasionally	5	3	9	3	0	0	14	3	
	often	13	9	14	5	0	0	27	6	
	very often	127	88	264	92	2	100	393	91	
Total		145	100	287	100	2	100	434	100	
Used e-mail to communicate with class	occasionally	6	4	10	3	0	0	16	4	
	often	23	16	28	10	0	0	51	12	
	very often	116	80	249	87	2	100	367	85	
Total		145	100	287	100	2	100	434	100	
Used computer tutorial to learn material	never	49	34	81	28	0	0	130	30	
	occasionally	56	39	121	42	1	50	178	41	
	often	22	15	51	18	1	50	74	17	
Total	very often	17	12	33	12	0	0	50	12	
	Total		144	100	286	100	2	100	432	100
	Joined in electronic class discussions	never	50	35	103	36	0	0	153	35
Total	occasionally	55	38	112	39	2	100	169	39	
	often	21	15	45	16	0	0	66	15	
	very often	18	13	26	9	0	0	44	10	
Total		144	100	286	100	2	100	432	100	
Searched Internet for course material	never	2	1	0	0	0	0	2	0	
	occasionally	17	12	27	9	0	0	44	10	
	often	39	27	46	16	0	0	85	20	
Total	very often	87	60	214	75	2	100	303	70	
	Total		145	100	287	100	2	100	434	100
	Retrieved off-campus library materials	never	38	26	84	29	0	0	122	28
Total	occasionally	52	36	107	37	1	33	160	37	
	often	27	19	51	18	0	0	78	18	
	very often	28	19	44	15	2	67	74	17	
Total		145	100	286	100	3	100	434	100	
Made visual displays with computer	never	10	7	22	8	0	0	32	7	
	occasionally	52	36	97	34	1	50	150	35	
	often	36	25	81	28	0	0	117	27	
Total	very often	46	32	87	30	1	50	134	31	
	Total		144	100	287	100	2	100	433	100
	Used a computer to analyze data	never	28	19	58	20	0	0	86	20
Total	occasionally	56	39	111	39	1	50	168	39	
	often	27	19	64	22	1	50	92	21	
	very often	34	23	53	19	0	0	87	20	
Total		145	100	286	100	2	100	433	100	
Developed Web page, multimedia present.	never	42	29	86	30	1	50	129	30	
	occasionally	66	46	132	46	1	50	199	46	
	often	17	12	37	13	0	0	54	12	
Total	very often	20	14	32	11	0	0	52	12	
	Total		145	100	287	100	2	100	434	100

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**Course Learning**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Completed	never	2	1	0	0	0	0	2	0
assigned readings	occasionally	20	14	39	14	0	0	59	14
	often	61	43	92	32	0	0	153	35
	very often	59	42	156	54	3	100	218	50
Total		142	100	287	100	3	100	432	100
Took detailed class notes	never	3	2	0	0	0	0	3	1
	occasionally	21	15	9	3	0	0	30	7
	often	57	40	81	28	0	0	138	32
	very often	61	43	197	69	2	100	260	60
Total		142	100	287	100	2	100	431	100
Contributed to class discussions	never	0	0	4	1	0	0	4	1
	occasionally	42	30	84	29	0	0	126	29
	often	43	31	104	36	2	100	149	35
	very often	55	39	94	33	0	0	149	35
Total		140	100	286	100	2	100	428	100
Developed role play/case study for class	never	41	29	108	38	1	50	150	35
	occasionally	76	54	132	46	1	50	209	48
	often	18	13	35	12	0	0	53	12
	very often	7	5	12	4	0	0	19	4
Total		142	100	287	100	2	100	431	100
Put together different facts and ideas	never	3	2	2	1	0	0	5	1
	occasionally	30	21	71	25	0	0	101	24
	often	60	42	117	41	1	50	178	41
	very often	49	35	95	33	1	50	145	34
Total		142	100	285	100	2	100	429	100
Summarized major points and information	never	11	8	5	2	0	0	16	4
	occasionally	38	27	68	24	1	50	107	25
	often	53	37	109	38	0	0	162	38
	very often	40	28	105	37	1	50	146	34
Total		142	100	286	100	2	100	430	100
Worked with others on class project	never	2	1	3	1	0	0	5	1
	occasionally	48	34	73	26	0	0	121	28
	often	56	39	100	35	1	50	157	37
	very often	36	25	110	38	1	50	147	34
Total		142	100	286	100	2	100	430	100
Applied class material to other areas	never	4	3	4	1	0	0	8	2
	occasionally	39	27	75	26	0	0	114	27
	often	59	42	115	40	1	50	175	41
	very often	40	28	92	32	1	50	133	31
Total		142	100	286	100	2	100	430	100
Used info. from other areas in class	never	3	2	2	1	0	0	5	1
	occasionally	47	33	84	29	1	50	132	31
	often	60	42	110	39	0	0	170	40
	very often	32	23	89	31	1	50	122	28
Total		142	100	285	100	2	100	429	100
Explained course material to others	never	2	1	0	0	0	0	2	0
	occasionally	39	27	84	29	0	0	123	28
	often	65	46	116	40	2	67	183	42
	very often	36	25	87	30	1	33	124	29
Total		142	100	287	100	3	100	432	100
Worked on project integrating ideas	never	1	1	5	2	0	0	6	1
	occasionally	34	24	37	13	0	0	71	17
	often	50	36	113	39	0	0	163	38
	very often	55	39	132	46	2	100	189	44
Total		140	100	287	100	2	100	429	100

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**Writing Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a dictionary or thesaurus	never	11	8	10	3	0	0	21	5
	occasionally	47	33	78	27	0	0	125	29
	often	40	28	95	33	1	50	136	32
	very often	44	31	104	36	1	50	149	35
Total		142	100	287	100	2	100	431	100
Thought about grammar, etc while writing	never	3	2	2	1	0	0	5	1
	occasionally	24	17	25	9	0	0	49	11
	often	42	30	90	31	0	0	132	31
	very often	73	51	169	59	2	100	244	57
Total		142	100	286	100	2	100	430	100
Asked others to read your writing	never	10	7	9	3	0	0	19	4
	occasionally	53	38	95	33	0	0	148	34
	often	41	29	82	29	0	0	123	29
	very often	37	26	100	35	2	100	139	32
Total		141	100	286	100	2	100	429	100
Referred to a style manual	never	21	15	35	12	0	0	56	13
	occasionally	60	43	99	35	0	0	159	37
	often	35	25	90	32	2	100	127	30
	very often	25	18	61	21	0	0	86	20
Total		141	100	285	100	2	100	428	100
Revised a paper two or more times	never	25	18	30	11	0	0	55	13
	occasionally	41	29	91	32	0	0	132	31
	often	38	27	83	29	0	0	121	28
	very often	37	26	81	28	2	100	120	28
Total		141	100	285	100	2	100	428	100
Asked for writing advice	never	40	28	86	30	0	0	126	29
	occasionally	57	40	125	44	1	50	183	43
	often	29	20	42	15	0	0	71	17
	very often	16	11	33	12	1	50	50	12
Total		142	100	286	100	2	100	430	100
Prepared major report for class	never	72	51	164	57	0	0	236	55
	occasionally	40	28	85	30	2	100	127	30
	often	21	15	21	7	0	0	42	10
	very often	9	6	16	6	0	0	25	6
Total		142	100	286	100	2	100	430	100



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**Experiences with Faculty**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Asked instructor for course information	never	2	1	8	3	0	0	10	2
	occasionally	50	35	100	35	1	50	151	35
	often	60	42	103	36	0	0	163	38
	very often	30	21	76	26	1	50	107	25
Total		142	100	287	100	2	100	431	100
Discussed academic program with faculty	never	14	10	34	12	0	0	48	11
	occasionally	74	52	129	45	0	0	203	47
	often	35	25	79	28	1	50	115	27
	very often	19	13	44	15	1	50	64	15
Total		142	100	286	100	2	100	430	100
Discussed term paper with faculty	never	13	9	46	16	0	0	59	14
	occasionally	69	49	137	48	1	50	207	48
	often	41	29	75	26	1	50	117	27
	very often	19	13	29	10	0	0	48	11
Total		142	100	287	100	2	100	431	100
Discussed career plans with faculty	never	36	25	68	24	0	0	104	24
	occasionally	70	49	129	45	1	50	200	47
	often	24	17	60	21	1	50	85	20
	very often	12	8	29	10	0	0	41	10
Total		142	100	286	100	2	100	430	100
Worked harder due to instructor feedback	never	12	8	26	9	0	0	38	9
	occasionally	50	35	98	34	0	0	148	34
	often	58	41	106	37	1	50	165	38
	very often	22	15	56	20	1	50	79	18
Total		142	100	286	100	2	100	430	100
Socialized with faculty outside of class	never	52	37	140	49	1	50	193	45
	occasionally	60	43	95	33	1	50	156	36
	often	17	12	30	11	0	0	47	11
	very often	12	9	20	7	0	0	32	7
Total		141	100	285	100	2	100	428	100
Discussed with others outside of class	never	49	35	125	44	0	0	174	40
	occasionally	55	39	117	41	2	100	174	40
	often	24	17	25	9	0	0	49	11
	very often	14	10	19	7	0	0	33	8
Total		142	100	286	100	2	100	430	100
Asked instructor about performance	never	42	30	96	34	0	0	138	32
	occasionally	60	42	124	44	0	0	184	43
	often	26	18	46	16	1	50	73	17
	very often	14	10	18	6	1	50	33	8
Total		142	100	284	100	2	100	428	100
Worked to meet faculty expectations	never	26	18	46	16	0	0	72	17
	occasionally	52	37	103	36	1	33	156	36
	often	44	31	93	33	2	67	139	32
	very often	20	14	44	15	0	0	64	15
Total		142	100	286	100	3	100	431	100
Worked with faculty member on research	never	98	69	212	74	0	0	310	72
	occasionally	24	17	29	10	2	100	55	13
	often	11	8	23	8	0	0	34	8
	very often	9	6	21	7	0	0	30	7
Total		142	100	285	100	2	100	429	100

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**Arts, Music, and Theater Activities**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Talked about art or theater with others	never	36	25	50	17	0	0	86	20
	occasionally	56	39	109	38	0	0	165	38
	often	27	19	61	21	0	0	88	20
	very often	23	16	67	23	2	100	92	21
Total		142	100	287	100	2	100	431	100
Went to exhibit or performance	never	35	25	42	15	0	0	77	18
	occasionally	64	45	138	48	0	0	202	47
	often	21	15	66	23	0	0	87	20
	very often	22	15	41	14	2	100	65	15
Total		142	100	287	100	2	100	431	100
Participated in art or theater activity	never	80	56	158	55	1	50	239	55
	occasionally	40	28	71	25	1	50	112	26
	often	6	4	23	8	0	0	29	7
	very often	16	11	35	12	0	0	51	12
Total		142	100	287	100	2	100	431	100
Talked about music or musicians	never	19	14	35	12	0	0	54	13
	occasionally	54	39	87	30	0	0	141	33
	often	27	19	71	25	0	0	98	23
	very often	40	29	94	33	2	100	136	32
Total		140	100	287	100	2	100	429	100
Attended a concert or other music event	never	21	15	46	16	0	0	67	16
	occasionally	62	44	122	43	0	0	184	43
	often	33	23	67	23	1	50	101	23
	very often	26	18	52	18	1	50	79	18
Total		142	100	287	100	2	100	431	100
Participated in music activity	never	85	60	166	58	2	100	253	59
	occasionally	30	21	70	25	0	0	100	23
	often	15	11	21	7	0	0	36	8
	very often	12	8	28	10	0	0	40	9
Total		142	100	285	100	2	100	429	100
Read or discussed opinions of critics	never	66	46	130	46	0	0	196	46
	occasionally	43	30	92	32	1	50	136	32
	often	16	11	34	12	1	50	51	12
	very often	17	12	29	10	0	0	46	11
Total		142	100	285	100	2	100	429	100

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**Campus Facilities**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a campus lounge to relax or study	never	20	14	60	21	0	0	80	19
	occasionally	61	43	115	40	2	67	178	41
	often	36	25	76	26	0	0	112	26
	very often	25	18	36	13	1	33	62	14
Total		142	100	287	100	3	100	432	100
Met other students for discussion	never	7	5	18	6	0	0	25	6
	occasionally	64	45	94	33	0	0	158	37
	often	38	27	111	39	1	50	150	35
	very often	33	23	64	22	1	50	98	23
Total		142	100	287	100	2	100	431	100
Attended cultural/social event	never	21	15	45	16	1	50	67	16
	occasionally	71	50	126	44	0	0	197	46
	often	29	20	73	25	1	50	103	24
	very often	21	15	43	15	0	0	64	15
Total		142	100	287	100	2	100	431	100
Went to lecture or panel discussion	never	41	29	71	25	0	0	112	26
	occasionally	67	48	151	53	1	33	219	51
	often	25	18	44	15	0	0	69	16
	very often	8	6	20	7	2	67	30	7
Total		141	100	286	100	3	100	430	100
Used a campus learning lab or center	never	58	41	127	44	0	0	185	43
	occasionally	53	37	100	35	2	100	155	36
	often	21	15	38	13	0	0	59	14
	very often	10	7	21	7	0	0	31	7
Total		142	100	286	100	2	100	430	100
Used campus recreational facilities	never	18	13	40	14	0	0	58	13
	occasionally	40	28	106	37	1	33	147	34
	often	38	27	56	20	1	33	95	22
	very often	46	32	84	29	1	33	131	30
Total		142	100	286	100	3	100	431	100
Played a team sport	never	54	38	160	56	1	50	215	50
	occasionally	29	20	54	19	1	50	84	19
	often	26	18	23	8	0	0	49	11
	very often	33	23	50	17	0	0	83	19
Followed regular exercise schedule	never	40	28	89	31	0	0	129	30
	occasionally	41	29	75	26	0	0	116	27
	often	18	13	52	18	1	50	71	16
	very often	43	30	71	25	1	50	115	27
Total		142	100	287	100	2	100	431	100

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**Clubs and Organizations**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Attended a meeting of campus org.	never	15	11	20	7	0	0	35	8
	occasionally	35	25	36	13	0	0	71	17
	often	22	15	53	19	0	0	75	17
	very often	70	49	176	62	2	100	248	58
Total		142	100	285	100	2	100	429	100
Worked on campus committee/organization	never	53	37	83	29	0	0	136	32
	occasionally	31	22	43	15	0	0	74	17
	often	18	13	46	16	1	33	65	15
	very often	40	28	113	40	2	67	155	36
Total		142	100	285	100	3	100	430	100
Worked on off-campus committee/org.	never	79	56	168	59	1	33	248	58
	occasionally	33	23	59	21	0	0	92	21
	often	14	10	23	8	2	67	39	9
	very often	16	11	35	12	0	0	51	12
Total		142	100	285	100	3	100	430	100
Met with faculty to discuss campus group	never	66	46	139	49	1	33	206	48
	occasionally	37	26	81	29	1	33	119	28
	often	24	17	40	14	1	33	65	15
	very often	15	11	24	8	0	0	39	9
Total		142	100	284	100	3	100	429	100
Managed an organization on or off campus	never	50	35	92	32	1	50	143	33
	occasionally	25	18	59	21	0	0	84	20
	often	27	19	51	18	0	0	78	18
	very often	40	28	83	29	1	50	124	29
Total		142	100	285	100	2	100	429	100

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**Personal Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Told friend about reaction to others	never	11	8	4	1	0	0	15	3
	occasionally	42	30	46	16	1	33	89	21
	often	50	35	79	28	0	0	129	30
	very often	39	27	156	55	2	67	197	46
Total		142	100	285	100	3	100	430	100
Discussed why some people get along	never	12	8	8	3	0	0	20	5
	occasionally	42	30	74	26	0	0	116	27
	often	44	31	81	28	1	33	126	29
	very often	44	31	122	43	2	67	168	39
Total		142	100	285	100	3	100	430	100
Asked for help with a personal problem	never	16	11	9	3	0	0	25	6
	occasionally	56	39	62	22	1	50	119	28
	often	43	30	84	30	0	0	127	30
	very often	27	19	129	45	1	50	157	37
Total		142	100	284	100	2	100	428	100
Read about personal growth/self-improve	never	61	43	94	33	0	0	155	36
	occasionally	50	35	113	40	0	0	163	38
	often	25	18	41	14	0	0	66	15
	very often	6	4	36	13	3	100	45	10
Total		142	100	284	100	3	100	429	100
Identified with book/movie/TV character	never	10	7	13	5	0	0	23	5
	occasionally	47	33	80	28	0	0	127	30
	often	53	37	104	36	1	33	158	37
	very often	32	23	88	31	2	67	122	28
Total		142	100	285	100	3	100	430	100
Took test to measure abilities/interests	never	31	22	70	25	0	0	101	24
	occasionally	68	48	120	42	0	0	188	44
	often	24	17	56	20	1	33	81	19
	very often	19	13	38	13	2	67	59	14
Total		142	100	284	100	3	100	429	100
Asked friend his/her opinion of you	never	37	26	66	23	0	0	103	24
	occasionally	58	41	109	38	0	0	167	39
	often	33	23	73	26	0	0	106	25
	very often	14	10	37	13	2	100	53	12
Total		142	100	285	100	2	100	429	100
Talked with F/S about personal concern	never	81	57	162	57	0	0	243	57
	occasionally	42	30	90	32	1	50	133	31
	often	11	8	15	5	1	50	27	6
	very often	7	5	18	6	0	0	25	6
Total		141	100	285	100	2	100	428	100

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**Student Acquaintances**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Acquainted:	never	2	1	5	2	0	0	7	2
students of diff.	occasionally	44	31	84	29	0	0	128	30
interests	often	53	37	114	40	2	100	169	39
	very often	43	30	82	29	0	0	125	29
Total		142	100	285	100	2	100	429	100
Acquainted:	never	0	0	3	1	0	0	3	1
students of diff.	occasionally	36	25	82	29	0	0	118	28
background	often	60	42	109	39	1	50	170	40
	very often	46	32	89	31	1	50	136	32
Total		142	100	283	100	2	100	427	100
Acquainted:	never	3	2	11	4	0	0	14	3
students of diff.	occasionally	41	29	79	28	0	0	120	28
age	often	52	37	97	34	0	0	149	35
	very often	46	32	97	34	2	100	145	34
Total		142	100	284	100	2	100	428	100
Acquainted:	never	1	1	4	1	0	0	5	1
students of diff.	occasionally	55	39	114	40	0	0	169	40
race	often	51	36	88	31	2	100	141	33
	very often	35	25	76	27	0	0	111	26
Total		142	100	282	100	2	100	426	100
Acquainted:	never	9	6	30	11	0	0	39	9
students from	occasionally	74	52	129	46	2	100	205	48
other country	often	25	18	67	24	0	0	92	22
	very often	34	24	57	20	0	0	91	21
Total		142	100	283	100	2	100	427	100
Discussions:	never	12	8	27	10	0	0	39	9
students of diff.	occasionally	49	35	119	42	0	0	168	39
values	often	47	33	85	30	2	67	134	31
	very often	34	24	53	19	1	33	88	21
Total		142	100	284	100	3	100	429	100
Discussions:	never	16	11	47	17	0	0	63	15
students of diff.	occasionally	45	32	102	36	1	50	148	35
political	often	37	26	77	27	0	0	114	27
	very often	44	31	58	20	1	50	103	24
Discussions:	never	15	11	39	14	0	0	54	13
students of diff.	occasionally	55	39	109	38	0	0	164	38
religious	often	31	22	73	26	1	33	105	24
	very often	41	29	63	22	2	67	106	25
Total		142	100	284	100	3	100	429	100
Discussions:	never	22	15	52	18	0	0	74	17
students of diff.	occasionally	69	49	124	44	1	33	194	45
race	often	24	17	63	22	1	33	88	21
	very often	27	19	45	16	1	33	73	17
Total		142	100	284	100	3	100	429	100
Discussions:	never	35	25	87	31	0	0	122	29
students of diff.	occasionally	61	43	115	40	2	100	178	42
country	often	21	15	43	15	0	0	64	15
	very often	25	18	39	14	0	0	64	15
Total		142	100	284	100	2	100	428	100

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**Science and Quantitative Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Memorized	never	6	4	20	7	0	0	26	6
formulas/definitions /concepts	occasionally	40	28	56	20	0	0	96	22
	often	34	24	82	29	0	0	116	27
	very often	62	44	127	45	3	100	192	45
Total		142	100	285	100	3	100	430	100
Expressed relationships using math terms	never	18	13	45	16	0	0	63	15
	occasionally	47	33	95	34	0	0	142	33
	often	37	26	65	23	1	50	103	24
	very often	40	28	78	28	1	50	119	28
Total		142	100	283	100	2	100	427	100
Explained scientific concept to others	never	19	13	57	20	0	0	76	18
	occasionally	45	32	106	37	0	0	151	35
	often	48	34	66	23	1	33	115	27
	very often	30	21	56	20	2	67	88	20
Total		142	100	285	100	3	100	430	100
Read articles about science not assigned	never	53	37	133	47	1	50	187	44
	occasionally	49	35	93	33	0	0	142	33
	often	23	16	26	9	0	0	49	11
	very often	17	12	33	12	1	50	51	12
Total		142	100	285	100	2	100	429	100
Completed an experiment w/sci. methods	never	34	24	91	32	0	0	125	29
	occasionally	57	40	96	34	0	0	153	36
	often	33	23	47	16	2	67	82	19
	very often	17	12	51	18	1	33	69	16
Total		141	100	285	100	3	100	429	100
Practiced using laboratory equipment	never	68	48	149	52	1	33	218	51
	occasionally	43	30	72	25	0	0	115	27
	often	16	11	27	9	2	67	45	10
	very often	15	11	37	13	0	0	52	12
Total		142	100	285	100	3	100	430	100
Showed how to use scientific equipment	never	74	52	157	55	0	0	231	54
	occasionally	45	32	72	25	1	50	118	28
	often	15	11	27	10	1	50	43	10
	very often	8	6	28	10	0	0	36	8
Total		142	100	284	100	2	100	428	100
Explained experimental procedure	never	49	35	122	43	0	0	171	40
	occasionally	69	49	92	32	1	50	162	38
	often	16	11	39	14	0	0	55	13
	very often	8	6	31	11	1	50	40	9
Total		142	100	284	100	2	100	428	100
Compared sci. method with other methods	never	54	38	124	44	0	0	178	41
	occasionally	54	38	95	33	1	33	150	35
	often	23	16	35	12	0	0	58	13
	very often	11	8	31	11	2	67	44	10
Explained scientific basis for concerns	never	37	26	100	35	1	33	138	32
	occasionally	66	46	108	38	0	0	174	40
	often	25	18	47	16	0	0	72	17
	very often	14	10	30	11	2	67	46	11
Total		142	100	285	100	3	100	430	100

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**Topics of Conversation**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Topic: Current events in the news	never	3	2	4	1	0	0	7	2
	occasionally	42	29	89	31	0	0	131	30
	often	47	33	117	41	1	33	165	38
	very often	52	36	76	27	2	67	130	30
Total		144	100	286	100	3	100	433	100
Topic: Social issues--peace, justice, etc	never	2	1	26	9	0	0	28	6
	occasionally	59	41	120	42	0	0	179	41
	often	43	30	80	28	0	0	123	28
	very often	40	28	59	21	3	100	102	24
Total		144	100	285	100	3	100	432	100
Topic: Different lifestyles, etc.	never	6	4	17	6	0	0	23	5
	occasionally	62	43	106	37	0	0	168	39
	often	45	31	112	39	1	50	158	37
	very often	31	22	51	18	1	50	83	19
Total		144	100	286	100	2	100	432	100
Topic: Ideas of writers, etc.	never	20	14	65	23	0	0	85	20
	occasionally	70	49	128	45	2	100	200	46
	often	29	20	58	20	0	0	87	20
	very often	25	17	35	12	0	0	60	14
Total		144	100	286	100	2	100	432	100
Topic: The arts--painting, poetry, etc.	never	35	24	50	17	0	0	85	20
	occasionally	54	38	113	40	0	0	167	39
	often	28	19	74	26	2	100	104	24
	very often	27	19	49	17	0	0	76	18
Total		144	100	286	100	2	100	432	100
Topic: Science--theories, etc.	never	37	26	108	38	0	0	145	34
	occasionally	68	47	116	41	1	50	185	43
	often	27	19	37	13	0	0	64	15
	very often	12	8	25	9	1	50	38	9
Topic: Computers and other technologies	never	18	13	60	21	0	0	78	18
	occasionally	68	47	140	49	2	67	210	48
	often	39	27	65	23	0	0	104	24
	very often	19	13	21	7	1	33	41	9
Total		144	100	286	100	3	100	433	100
Topic: Social/ethical issues re: science	never	9	6	58	20	0	0	67	16
	occasionally	69	48	123	43	0	0	192	44
	often	44	31	67	23	1	50	112	26
	very often	22	15	38	13	1	50	61	14
Total		144	100	286	100	2	100	432	100
Topic: The economy--employment, etc.	never	6	4	31	11	0	0	37	9
	occasionally	57	40	134	47	1	50	192	44
	often	54	38	71	25	0	0	125	29
	very often	27	19	50	17	1	50	78	18
Total		144	100	286	100	2	100	432	100
Topic: International relations	never	10	7	44	15	0	0	54	12
	occasionally	60	42	119	42	1	33	180	42
	often	43	30	74	26	0	0	117	27
	very often	31	22	49	17	2	67	82	19
Total		144	100	286	100	3	100	433	100



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**Information in Conversations**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Referred to readings or classes	never	1	1	2	1	0	0	3	1
	occasionally	42	30	71	26	0	0	113	27
	often	63	44	129	46	1	33	193	46
	very often	36	25	76	27	2	67	114	27
Total		142	100	278	100	3	100	423	100
Explored different ways of thinking	never	3	2	14	5	0	0	17	4
	occasionally	50	35	101	36	0	0	151	36
	often	57	40	110	40	2	67	169	40
	very often	32	23	53	19	1	33	86	20
Total		142	100	278	100	3	100	423	100
Referred to something instructor said	never	6	4	12	4	0	0	18	4
	occasionally	50	35	102	37	0	0	152	36
	often	54	38	118	42	2	100	174	41
	very often	32	23	46	17	0	0	78	18
Total		142	100	278	100	2	100	422	100
Subsequently read something on a topic	never	12	8	38	14	0	0	50	12
	occasionally	55	39	109	39	0	0	164	39
	often	50	35	86	31	2	67	138	33
	very often	25	18	43	16	1	33	69	16
Total		142	100	276	100	3	100	421	100
Changed opinion because of others	never	18	13	32	12	0	0	50	12
	occasionally	74	52	168	60	0	0	242	57
	often	36	25	55	20	2	67	93	22
	very often	14	10	23	8	1	33	38	9
Total		142	100	278	100	3	100	423	100
Persuaded others to change their minds	never	12	8	43	16	0	0	55	13
	occasionally	70	49	150	54	1	33	221	52
	often	39	27	63	23	1	33	103	24
	very often	21	15	21	8	1	33	43	10
Total		142	100	277	100	3	100	422	100

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**Reading, Writing, and College Opinion**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Number of texts read	none	4	3	0	0	0	0	4	1
	fewer than 5	47	32	81	28	0	0	128	30
	between 5 and 10	61	42	139	49	2	67	202	47
	between 10 and 20	23	16	56	20	1	33	80	18
	more than 20	10	7	9	3	0	0	19	4
Total		145	100	285	100	3	100	433	100
Number of course packets read	none	15	10	16	6	0	0	31	7
	fewer than 5	77	54	135	48	1	33	213	50
	between 5 and 10	27	19	70	25	0	0	97	23
	between 10 and 20	16	11	48	17	1	33	65	15
	more than 20	8	6	15	5	1	33	24	6
Total		143	100	284	100	3	100	430	100
Number of non-assigned books read	none	40	28	80	28	1	33	121	28
	fewer than 5	75	52	155	55	1	33	231	54
	between 5 and 10	19	13	32	11	0	0	51	12
	between 10 and 20	5	3	12	4	1	33	18	4
	more than 20	4	3	4	1	0	0	8	2
Total		143	100	283	100	3	100	429	100
Number of essays written	none	15	11	35	12	1	33	51	12
	fewer than 5	70	49	145	51	0	0	215	50
	between 5 and 10	39	27	67	24	2	67	108	25
	between 10 and 20	15	11	32	11	0	0	47	11
	more than 20	3	2	6	2	0	0	9	2
Total		142	100	285	100	3	100	430	100
Number of term papers written	none	10	7	10	4	0	0	20	5
	fewer than 5	57	41	132	47	0	0	189	44
	between 5 and 10	51	37	87	31	3	100	141	33
	between 10 and 20	15	11	42	15	0	0	57	13
	more than 20	6	4	12	4	0	0	18	4
Total		139	100	283	100	3	100	425	100
Overall opinion of college	low	1	1	5	2	0	0	6	1
	3	6	4	5	2	0	0	11	3
	4	9	6	17	6	1	33	27	6
	5	26	18	27	10	0	0	53	12
	6	44	30	76	27	1	33	121	28
	7	32	22	75	26	1	33	108	25
	high	27	19	79	28	0	0	106	25
Total		145	100	284	100	3	100	432	100

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**Measures of the College Environment**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Env. Emphasis: Scholarship	2	1	1	0	0	0	0	1	0
	3	3	2	1	0	0	0	4	1
	4	3	2	7	2	0	0	10	2
	5	19	13	23	8	0	0	42	10
	6	62	43	112	39	1	50	175	41
	strong emphasis	57	39	142	50	1	50	200	46
Total		145	100	285	100	2	100	432	100
Env. Emphasis: Aesthetics	2	1	1	1	0	0	0	2	0
	3	6	4	12	4	0	0	18	4
	4	8	6	25	9	0	0	33	8
	5	32	22	54	19	1	50	87	20
	6	42	29	79	28	1	50	122	28
	strong emphasis	36	25	77	27	0	0	113	26
Total		20	14	37	13	0	0	57	13
Total		145	100	285	100	2	100	432	100
Env. Emphasis: Analysis	2	2	1	1	0	0	0	3	1
	3	0	0	5	2	0	0	5	1
	4	14	10	23	8	0	0	37	9
	5	35	24	57	20	0	0	92	21
	6	57	39	127	45	0	0	184	43
	strong emphasis	37	26	72	25	2	100	111	26
Total		145	100	285	100	2	100	432	100
Env. Emphasis: Diversity	2	4	3	10	4	0	0	14	3
	3	7	5	15	5	0	0	22	5
	4	19	13	29	10	0	0	48	11
	5	32	22	58	20	0	0	90	21
	6	31	21	87	31	2	100	120	28
	strong emphasis	32	22	57	20	0	0	89	21
Total		20	14	29	10	0	0	49	11
Total		145	100	285	100	2	100	432	100
Env. Emphasis: Info. literacy skills	2	0	0	2	1	0	0	2	0
	3	5	3	11	4	0	0	16	4
	4	17	12	31	11	0	0	48	11
	5	28	19	55	19	0	0	83	19
	6	39	27	70	25	1	50	110	25
	strong emphasis	41	28	78	27	1	50	120	28
Total		15	10	38	13	0	0	53	12
Total		145	100	285	100	2	100	432	100
Env. Emphasis: Vocational	2	7	5	17	6	0	0	24	6
	3	16	11	33	12	0	0	49	11
	4	28	19	42	15	0	0	70	16
	5	29	20	60	21	0	0	89	21
	6	33	23	74	26	2	100	109	25
	strong emphasis	24	17	38	13	0	0	62	14
Total		8	6	21	7	0	0	29	7
Total		145	100	285	100	2	100	432	100
Env. Emphasis: Practical courses	2	8	6	12	4	0	0	20	5
	3	9	6	24	8	1	50	34	8
	4	18	12	26	9	1	50	45	10
	5	30	21	67	24	0	0	97	22
	6	34	23	92	32	0	0	126	29
	strong emphasis	36	25	44	15	0	0	80	19
Total		10	7	20	7	0	0	30	7

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**Measures of the College Environment**

	Sex of student						Total	
	Male		Female		Missing		N	%
	N	%	N	%	N	%		
Relationships: competitive	1	1	1	0	0	0	2	0
Other students	1	1	1	0	0	0	2	0
2	6	4	3	1	0	0	9	2
3	19	13	23	8	0	0	42	10
4	24	17	45	16	0	0	69	16
5	53	37	124	43	1	50	178	41
6	41	28	89	31	1	50	131	30
friendly	145	100	286	100	2	100	433	100
Total	10	7	12	4	0	0	22	5
Relationships: rigid	4	3	10	3	0	0	14	3
Administrative personnel	8	6	26	9	0	0	34	8
2	32	22	57	20	0	0	89	21
3	35	24	89	31	1	50	125	29
4	43	30	64	22	1	50	108	25
5	13	9	28	10	0	0	41	9
6	145	100	286	100	2	100	433	100
helpful	0	0	1	0	0	0	1	0
Relationships: remote	3	2	2	1	0	0	5	1
Faculty members	7	5	12	4	0	0	19	4
2	23	16	31	11	1	50	55	13
3	34	24	91	32	0	0	125	29
4	48	33	104	36	1	50	153	35
5	29	20	45	16	0	0	74	17
6	144	100	286	100	2	100	432	100
approachable								
Total								

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**Estimates of Gains**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Vocational preparation	very little	16	11	39	14	0	0	55	13
	some	46	32	92	32	1	50	139	32
	quite a bit	53	37	92	32	1	50	146	34
	very much	28	20	63	22	0	0	91	21
Total		143	100	286	100	2	100	431	100
Gain: Skills for professional career	very little	6	4	10	4	0	0	16	4
	some	40	28	62	22	0	0	102	24
	quite a bit	68	48	127	45	2	100	197	46
	very much	29	20	86	30	0	0	115	27
Total		143	100	285	100	2	100	430	100
Gain: Broad general education	very little	2	1	4	1	0	0	6	1
	some	34	24	59	21	0	0	93	22
	quite a bit	74	52	130	46	1	33	205	48
	very much	33	23	92	32	2	67	127	29
Total		143	100	285	100	3	100	431	100
Gain: Career information	very little	5	3	10	4	0	0	15	4
	some	41	29	66	23	0	0	107	25
	quite a bit	58	41	127	45	1	50	186	44
	very much	39	27	79	28	1	50	119	28
Total		143	100	282	100	2	100	427	100
Gain: Enjoyment of art, music, drama	very little	35	24	62	22	0	0	97	23
	some	59	41	118	41	0	0	177	41
	quite a bit	27	19	62	22	2	100	91	21
	very much	22	15	43	15	0	0	65	15
Total		143	100	285	100	2	100	430	100
Gain: Acquaintance with literature	very little	32	23	51	18	1	50	84	20
	some	59	42	110	39	0	0	169	39
	quite a bit	31	22	87	31	1	50	119	28
	very much	20	14	36	13	0	0	56	13
Total		142	100	284	100	2	100	428	100
Gain: Understanding history	very little	22	15	56	20	0	0	78	18
	some	54	38	125	44	1	50	180	42
	quite a bit	41	29	63	22	1	50	105	24
	very much	26	18	41	14	0	0	67	16
Total		143	100	285	100	2	100	430	100
Gain: Knowledge about world	very little	34	24	74	26	0	0	108	25
	some	52	36	116	41	2	100	170	40
	quite a bit	40	28	59	21	0	0	99	23
	very much	17	12	36	13	0	0	53	12
Total		143	100	285	100	2	100	430	100
Gain: Writing effectively	very little	8	6	9	3	0	0	17	4
	some	40	28	68	24	1	50	109	25
	quite a bit	61	43	114	40	1	50	176	41
	very much	33	23	94	33	0	0	127	30
Total		142	100	285	100	2	100	429	100
Gain: Speaking effectively	very little	9	6	8	3	0	0	17	4
	some	42	29	75	26	1	50	118	28
	quite a bit	63	44	125	44	1	50	189	44
	very much	29	20	76	27	0	0	105	24
Total		143	100	284	100	2	100	429	100
Gain: Using computers, other info tech	very little	11	8	18	6	0	0	29	7
	some	35	25	98	35	1	50	134	31
	quite a bit	64	45	99	35	1	50	164	38
	very much	32	23	69	24	0	0	101	24
Total		142	100	284	100	2	100	428	100

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**Estimates of Gains**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Awareness of other philosophies	very little	8	6	18	6	0	0	26	6
	some	51	36	115	40	0	0	166	39
	quite a bit	51	36	103	36	2	100	156	36
	very much	33	23	48	17	0	0	81	19
Total		143	100	284	100	2	100	429	100
Gain: Values and ethical standards	very little	13	9	23	8	0	0	36	8
	some	38	27	70	25	0	0	108	25
	quite a bit	49	35	122	43	0	0	171	40
	very much	42	30	70	25	2	100	114	27
Total		142	100	285	100	2	100	429	100
Gain: Understanding self	very little	7	5	3	1	0	0	10	2
	some	23	16	60	21	0	0	83	19
	quite a bit	69	49	124	44	1	50	194	45
	very much	43	30	98	34	1	50	142	33
Gain: Getting along with others	very little	7	5	8	3	0	0	15	3
	some	39	27	65	23	1	50	105	24
	quite a bit	53	37	127	45	0	0	180	42
	very much	44	31	84	30	1	50	129	30
Total		143	100	284	100	2	100	429	100
Gain: Functioning as a team member	very little	11	8	13	5	0	0	24	6
	some	44	31	86	30	1	50	131	30
	quite a bit	51	36	118	41	0	0	169	39
	very much	37	26	68	24	1	50	106	25
Total		143	100	285	100	2	100	430	100
Gain: Personal health habits and fitness	very little	26	18	50	18	0	0	76	18
	some	54	38	107	38	0	0	161	37
	quite a bit	38	27	74	26	1	50	113	26
	very much	25	17	54	19	1	50	80	19
Total		143	100	285	100	2	100	430	100
Gain: Understanding science	very little	18	13	62	22	0	0	80	19
	some	67	47	114	40	0	0	181	42
	quite a bit	37	26	57	20	2	100	96	22
	very much	21	15	52	18	0	0	73	17
Total		143	100	285	100	2	100	430	100
Gain: Understanding new technology	very little	25	17	76	27	0	0	101	23
	some	60	42	116	41	0	0	176	41
	quite a bit	36	25	49	17	2	100	87	20
	very much	22	15	44	15	0	0	66	15
Total		143	100	285	100	2	100	430	100
Gain: Consequences of science, tech.	very little	21	15	69	24	0	0	90	21
	some	58	41	123	43	1	50	182	42
	quite a bit	41	29	56	20	0	0	97	23
	very much	23	16	37	13	1	50	61	14
Total		143	100	285	100	2	100	430	100
Gain: Thinking analytically	very little	5	4	8	3	0	0	13	3
	some	36	25	78	27	0	0	114	27
	quite a bit	59	42	124	44	1	50	184	43
	very much	42	30	74	26	1	50	117	27
Total		142	100	284	100	2	100	428	100
Gain: Analyzing quantitative problems	very little	14	10	35	12	0	0	49	11
	some	44	31	127	45	1	50	172	40
	quite a bit	52	36	80	28	1	50	133	31
	very much	33	23	43	15	0	0	76	18
Total		143	100	285	100	2	100	430	100

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**Estimates of Gains**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Synthesizing ideas	very little	5	3	7	2	0	0	12	3
	some	39	27	64	23	0	0	103	24
	quite a bit	50	35	129	45	1	50	180	42
	very much	49	34	84	30	1	50	134	31
Total		143	100	284	100	2	100	429	100
Gain: Learning on one's own	very little	4	3	6	2	0	0	10	2
	some	30	21	56	20	0	0	86	20
	quite a bit	60	42	129	45	1	50	190	44
	very much	49	34	94	33	1	50	144	33
Total		143	100	285	100	2	100	430	100
Gain: Adapting to change	very little	6	4	10	4	0	0	16	4
	some	38	27	70	25	0	0	108	25
	quite a bit	62	43	128	45	1	50	191	44
	very much	37	26	77	27	1	50	115	27
Total		143	100	285	100	2	100	430	100

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Additional question #1	response A	1	1	3	1	0	0	4	1
	response B	3	2	7	3	0	0	10	2
	response C	13	10	38	14	0	0	51	12
	response D	87	67	201	72	2	100	290	71
	response E	25	19	30	11	0	0	55	13
Total		129	100	279	100	2	100	410	100
Additional question #2	response A	21	16	58	21	0	0	79	19
	response B	26	20	61	22	0	0	87	21
	response C	28	22	78	28	2	100	108	26
	response D	29	22	42	15	0	0	71	17
	response E	25	19	39	14	0	0	64	16
Total		129	100	278	100	2	100	409	100
Additional question #3	response A	22	17	36	13	0	0	58	14
	response B	30	23	89	32	1	50	120	29
	response C	39	30	67	24	1	50	107	26
	response D	15	12	56	20	0	0	71	17
	response E	23	18	31	11	0	0	54	13
Total		129	100	279	100	2	100	410	100
Additional question #4	response A	27	21	53	19	1	50	81	20
	response B	73	57	146	53	1	50	220	54
	response C	24	19	66	24	0	0	90	22
	response D	4	3	11	4	0	0	15	4
	response E	1	1	2	1	0	0	3	1
Total		129	100	278	100	2	100	409	100
Additional question #5	response A	26	26	38	19	0	0	64	21
	response B	22	22	26	13	0	0	48	16
	response C	8	8	41	20	0	0	49	16
	response D	30	30	72	35	1	50	103	34
	response E	13	13	28	14	1	50	42	14
Total		99	100	205	100	2	100	306	100
Additional question #6	response A	21	22	40	22	0	0	61	22
	response B	38	40	98	53	0	0	136	48
	response C	17	18	33	18	0	0	50	18
	response D	17	18	12	6	1	100	30	11
	response E	3	3	3	2	0	0	6	2
Total		96	100	186	100	1	100	283	100
Additional question #7	response A	19	15	40	14	0	0	59	14
	response B	42	33	114	41	2	100	158	39
	response C	43	33	92	33	0	0	135	33
	response D	16	12	24	9	0	0	40	10
	response E	9	7	9	3	0	0	18	4
Total		129	100	279	100	2	100	410	100
Additional question #8	response A	12	9	13	5	0	0	25	6
	response B	34	26	65	23	0	0	99	24
	response C	37	29	102	37	1	50	140	34
	response D	28	22	68	24	1	50	97	24
	response E	18	14	31	11	0	0	49	12
Total		129	100	279	100	2	100	410	100
Additional question #9	response A	26	20	55	20	0	0	81	20
	response B	40	31	70	25	1	50	111	27
	response C	29	23	74	27	1	50	104	25
	response D	17	13	51	18	0	0	68	17
	response E	16	13	29	10	0	0	45	11



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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		128	100	279	100	2	100	409	100
Additional question #10	response A	24	19	45	16	0	0	69	17
	response B	50	39	108	39	0	0	158	39
	response C	48	38	103	37	2	100	153	38
	response D	4	3	19	7	0	0	23	6
	response E	2	2	3	1	0	0	5	1
Total		128	100	278	100	2	100	408	100
Additional question #11	response A	34	27	62	22	1	50	97	24
	response B	57	45	154	55	1	50	212	52
	response C	30	23	46	17	0	0	76	19
	response D	5	4	13	5	0	0	18	4
	response E	2	2	3	1	0	0	5	1
Total		128	100	278	100	2	100	408	100
Additional question #12	response A	27	21	37	14	0	0	64	16
	response B	26	20	52	19	1	50	79	20
	response C	32	25	94	35	1	50	127	32
	response D	35	27	67	25	0	0	102	25
	response E	8	6	22	8	0	0	30	7
Total		128	100	272	100	2	100	402	100
Additional question #13	response A	18	14	31	11	0	0	49	12
	response B	24	19	57	21	1	50	82	20
	response C	23	18	86	32	1	50	110	27
	response D	43	34	72	26	0	0	115	29
	response E	18	14	27	10	0	0	45	11
Total		126	100	273	100	2	100	401	100
Additional question #14	response A	22	17	40	15	1	50	63	16
	response B	45	35	84	31	1	50	130	32
	response C	42	33	99	36	0	0	141	35
	response D	15	12	46	17	0	0	61	15
	response E	4	3	5	2	0	0	9	2
Total		128	100	274	100	2	100	404	100
Additional question #15	response A	31	24	51	19	1	50	83	21
	response B	45	35	85	31	0	0	130	32
	response C	37	29	93	34	1	50	131	32
	response D	13	10	40	15	0	0	53	13
	response E	2	2	5	2	0	0	7	2
Total		128	100	274	100	2	100	404	100
Additional question #16	response A	20	16	45	16	0	0	65	16
	response B	39	30	100	36	1	50	140	35
	response C	40	31	89	32	1	50	130	32
	response D	27	21	39	14	0	0	66	16
	response E	2	2	1	0	0	0	3	1
Total		128	100	274	100	2	100	404	100
Additional question #17	response A	24	19	43	16	1	50	68	17
	response B	45	35	106	39	0	0	151	37
	response C	39	30	90	33	1	50	130	32
	response D	18	14	27	10	0	0	45	11
	response E	2	2	8	3	0	0	10	2
Total		128	100	274	100	2	100	404	100
Additional question #18	response A	27	21	62	23	0	0	89	22
	response B	18	14	59	22	1	33	78	19
	response C	24	19	58	21	1	33	83	20
	response D	34	27	58	21	1	33	93	23
	response E	25	20	37	14	0	0	62	15

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		128	100	274	100	3	100	405	100
Additional question #19	response A	22	17	33	12	0	0	55	14
	response B	36	28	85	31	0	0	121	30
	response C	39	30	111	41	2	100	152	38
	response D	23	18	34	12	0	0	57	14
	response E	8	6	10	4	0	0	18	4
Total		128	100	273	100	2	100	403	100
Additional question #20	response A	37	29	43	16	0	0	80	20
	response B	59	46	161	59	2	100	222	55
	response C	27	21	59	22	0	0	86	21
	response D	3	2	7	3	0	0	10	2
	response E	2	2	4	1	0	0	6	1
Total		128	100	274	100	2	100	404	100

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**Library Experiences**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Used the library to study	Sex of student	Male	145	145	2.47	.936	.078
		Female	288	288	2.35	.921	.054
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	435	2.39	.928	.044
Found something interesting browsing	Sex of student	Male	145	145	2.17	.967	.080
		Female	288	287	1.89	.760	.045
		Missing	7	2	2.00	1.414	1.000
	Group Total		440	434	1.98	.846	.041
Asked a librarian/staff member for help	Sex of student	Male	145	144	1.92	.824	.069
		Female	288	288	1.85	.740	.044
		Missing	7	2	2.00	.000	.000
	Group Total		440	434	1.87	.767	.037
Read assigned material not texts	Sex of student	Male	145	144	2.18	.825	.069
		Female	288	287	2.17	.889	.052
		Missing	7	2	1.50	.707	.500
	Group Total		440	433	2.17	.867	.042
Used index or database to find material	Sex of student	Male	145	144	2.92	.897	.075
		Female	288	287	2.90	.876	.052
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	433	2.91	.882	.042
Wrote bibliography for a term paper	Sex of student	Male	145	145	2.71	.992	.082
		Female	288	287	2.91	.921	.054
		Missing	7	2	4.00	.000	.000
	Group Total		440	434	2.85	.950	.046
Gone back to read basic reference	Sex of student	Male	145	145	1.88	.832	.069
		Female	288	285	1.67	.798	.047
		Missing	7	2	2.50	.707	.500
	Group Total		440	432	1.75	.815	.039
Made a judgment about quality of info.	Sex of student	Male	145	145	2.57	.911	.076
		Female	288	286	2.63	.931	.055
		Missing	7	2	2.00	.000	.000
	Group Total		440	433	2.61	.922	.044

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**Computer and Information Technology Activities**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Used computer/word processor for paper	Sex of student	Male	145	145	3.84	.451	.037
		Female	288	287	3.89	.403	.024
		Missing	7	2	4.00	.000	.000
	Group Total		440	434	3.87	.419	.020
Used e-mail to communicate with class	Sex of student	Male	145	145	3.76	.517	.043
		Female	288	287	3.83	.458	.027
		Missing	7	2	4.00	.000	.000
	Group Total		440	434	3.81	.478	.023
Used computer tutorial to learn material	Sex of student	Male	145	144	2.05	.985	.082
		Female	288	286	2.13	.954	.056
		Missing	7	2	2.50	.707	.500
	Group Total		440	432	2.10	.963	.046
Joined in electronic class discussions	Sex of student	Male	145	144	2.05	.999	.083
		Female	288	286	1.98	.940	.056
		Missing	7	2	2.00	.000	.000
	Group Total		440	432	2.00	.957	.046
Searched Internet for course material	Sex of student	Male	145	145	3.46	.754	.063
		Female	288	287	3.65	.645	.038
		Missing	7	2	4.00	.000	.000
	Group Total		440	434	3.59	.688	.033
Retrieved off-campus library materials	Sex of student	Male	145	145	2.31	1.064	.088
		Female	288	286	2.19	1.027	.061
		Missing	7	3	3.33	1.155	.667
	Group Total		440	434	2.24	1.043	.050
Made visual displays with computer	Sex of student	Male	145	144	2.82	.966	.080
		Female	288	287	2.81	.957	.056
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	433	2.82	.959	.046
Used a computer to analyze data	Sex of student	Male	145	145	2.46	1.054	.088
		Female	288	286	2.39	1.009	.060
		Missing	7	2	2.50	.707	.500
	Group Total		440	433	2.42	1.022	.049
Developed Web page, multimedia present.	Sex of student	Male	145	145	2.10	.977	.081
		Female	288	287	2.05	.935	.055
		Missing	7	2	1.50	.707	.500
	Group Total		440	434	2.07	.948	.046

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**Course Learning**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Completed assigned readings	Sex of student	Male	145	142	3.25	.746	.063
		Female	288	287	3.41	.718	.042
		Missing	7	3	4.00	.000	.000
	Group Total		440	432	3.36	.730	.035
Took detailed class notes	Sex of student	Male	145	142	3.24	.780	.065
		Female	288	287	3.66	.538	.032
		Missing	7	2	4.00	.000	.000
	Group Total		440	431	3.52	.657	.032
Contributed to class discussions	Sex of student	Male	145	140	3.09	.830	.070
		Female	288	286	3.01	.825	.049
		Missing	7	2	3.00	.000	.000
	Group Total		440	428	3.04	.825	.040
Developed role play/case study for class	Sex of student	Male	145	142	1.94	.783	.066
		Female	288	287	1.83	.799	.047
		Missing	7	2	1.50	.707	.500
	Group Total		440	431	1.86	.794	.038
Put together different facts and ideas	Sex of student	Male	145	142	3.09	.798	.067
		Female	288	285	3.07	.780	.046
		Missing	7	2	3.50	.707	.500
	Group Total		440	429	3.08	.784	.038
Summarized major points and information	Sex of student	Male	145	142	2.86	.919	.077
		Female	288	287	3.09	.816	.048
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	431	3.02	.858	.041
Worked with others on class project	Sex of student	Male	145	142	2.89	.800	.067
		Female	288	286	3.11	.820	.048
		Missing	7	2	3.50	.707	.500
	Group Total		440	430	3.04	.818	.039
Applied class material to other areas	Sex of student	Male	145	142	2.95	.819	.069
		Female	288	286	3.03	.801	.047
		Missing	7	2	3.50	.707	.500
	Group Total		440	430	3.01	.806	.039
Used info. from other areas in class	Sex of student	Male	145	142	2.85	.790	.066
		Female	288	285	3.00	.798	.047
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	429	2.95	.799	.039
Explained course material to others	Sex of student	Male	145	142	2.95	.766	.064
		Female	288	287	3.01	.773	.046
		Missing	7	3	3.33	.577	.333
	Group Total		440	432	2.99	.769	.037

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**Course Learning**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Worked on project integrating ideas	Sex of student	Male	145	140	3.14	.807	.068
		Female	288	287	3.30	.757	.045
		Missing	7	2	4.00	.000	.000
	Group Total		440	429	3.25	.776	.037

**Writing Experiences**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Used a dictionary or thesaurus	Sex of student	Male	145	142	2.82	.962	.081
		Female	288	287	3.02	.881	.052
		Missing	7	2	3.50	.707	.500
	Group Total		440	431	2.96	.911	.044
Thought about grammar, etc while writing	Sex of student	Male	145	142	3.30	.825	.069
		Female	288	286	3.49	.684	.040
		Missing	7	2	4.00	.000	.000
	Group Total		440	430	3.43	.738	.036
Asked others to read your writing	Sex of student	Male	145	141	2.74	.929	.078
		Female	288	286	2.95	.899	.053
		Missing	7	2	4.00	.000	.000
	Group Total		440	429	2.89	.914	.044
Referred to a style manual	Sex of student	Male	145	141	2.45	.952	.080
		Female	288	285	2.62	.955	.057
		Missing	7	2	3.00	.000	.000
	Group Total		440	428	2.57	.955	.046
Revised a paper two or more times	Sex of student	Male	145	141	2.62	1.060	.089
		Female	288	285	2.75	.984	.058
		Missing	7	2	4.00	.000	.000
	Group Total		440	428	2.71	1.012	.049
Asked for writing advice	Sex of student	Male	145	142	2.15	.960	.081
		Female	288	286	2.08	.952	.056
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	430	2.10	.956	.046
Prepared major report for class	Sex of student	Male	145	142	1.77	.928	.078
		Female	288	286	1.61	.850	.050
		Missing	7	2	2.00	.000	.000
	Group Total		440	430	1.67	.877	.042

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**Experiences with Faculty**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Asked instructor for course information	Sex of student	Male	145	142	2.83	.772	.065
		Female	288	287	2.86	.841	.050
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	431	2.85	.819	.039
Discussed academic program with faculty	Sex of student	Male	145	142	2.42	.844	.071
		Female	288	286	2.47	.893	.053
		Missing	7	2	3.50	.707	.500
	Group Total		440	430	2.45	.878	.042
Discussed term paper with faculty	Sex of student	Male	145	142	2.46	.839	.070
		Female	288	287	2.30	.858	.051
		Missing	7	2	2.50	.707	.500
	Group Total		440	431	2.36	.853	.041
Discussed career plans with faculty	Sex of student	Male	145	142	2.08	.871	.073
		Female	288	286	2.17	.909	.054
		Missing	7	2	2.50	.707	.500
	Group Total		440	430	2.15	.895	.043
Worked harder due to instructor feedback	Sex of student	Male	145	142	2.63	.846	.071
		Female	288	286	2.67	.893	.053
		Missing	7	2	3.50	.707	.500
	Group Total		440	430	2.66	.877	.042
Socialized with faculty outside of class	Sex of student	Male	145	141	1.92	.911	.077
		Female	288	285	1.75	.905	.054
		Missing	7	2	1.50	.707	.500
	Group Total		440	428	1.81	.908	.044
Discussed with others outside of class	Sex of student	Male	145	142	2.02	.956	.080
		Female	288	286	1.78	.864	.051
		Missing	7	2	2.00	.000	.000
	Group Total		440	430	1.86	.899	.043
Asked instructor about performance	Sex of student	Male	145	142	2.08	.934	.078
		Female	288	284	1.95	.868	.052
		Missing	7	2	3.50	.707	.500
	Group Total		440	428	2.00	.896	.043
Worked to meet faculty expectations	Sex of student	Male	145	142	2.41	.946	.079
		Female	288	286	2.47	.939	.056
		Missing	7	3	2.67	.577	.333
	Group Total		440	431	2.45	.939	.045
Worked with faculty member on research	Sex of student	Male	145	142	1.51	.889	.075
		Female	288	285	1.48	.925	.055
		Missing	7	2	2.00	.000	.000
	Group Total		440	429	1.50	.911	.044

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**Arts, Music, and Theater Activities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Talked about art or theater with others	Sex of student	Male	145	142	2.26	1.015	.085
		Female	288	287	2.51	1.034	.061
		Missing	7	2	4.00	.000	.000
	Group Total		440	431	2.43	1.036	.050
Went to exhibit or performance	Sex of student	Male	145	142	2.21	.988	.083
		Female	288	287	2.37	.902	.053
		Missing	7	2	4.00	.000	.000
	Group Total		440	431	2.32	.938	.045
Participated in art or theater activity	Sex of student	Male	145	142	1.70	.988	.083
		Female	288	287	1.77	1.035	.061
		Missing	7	2	1.50	.707	.500
	Group Total		440	431	1.75	1.017	.049
Talked about music or musicians	Sex of student	Male	145	140	2.63	1.041	.088
		Female	288	287	2.78	1.036	.061
		Missing	7	2	4.00	.000	.000
	Group Total		440	429	2.74	1.040	.050
Attended a concert or other music event	Sex of student	Male	145	142	2.45	.957	.080
		Female	288	287	2.44	.965	.057
		Missing	7	2	3.50	.707	.500
	Group Total		440	431	2.45	.963	.046
Participated in music activity	Sex of student	Male	145	142	1.68	.972	.082
		Female	288	285	1.69	.977	.058
		Missing	7	2	1.00	.000	.000
	Group Total		440	429	1.68	.973	.047
Read or discussed opinions of critics	Sex of student	Male	145	142	1.89	1.025	.086
		Female	288	285	1.87	.984	.058
		Missing	7	2	2.50	.707	.500
	Group Total		440	429	1.88	.996	.048



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**Campus Facilities**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Used a campus lounge to relax or study	Sex of student	Male	145	142	2.46	.943	.079
		Female	288	287	2.31	.941	.056
		Missing	7	3	2.67	1.155	.667
	Group Total		440	432	2.36	.943	.045
Met other students for discussion	Sex of student	Male	145	142	2.68	.886	.074
		Female	288	287	2.77	.867	.051
		Missing	7	2	3.50	.707	.500
	Group Total		440	431	2.74	.873	.042
Attended cultural/social event	Sex of student	Male	145	142	2.35	.909	.076
		Female	288	287	2.40	.925	.055
		Missing	7	2	2.00	1.414	1.000
	Group Total		440	431	2.38	.920	.044
Went to lecture or panel discussion	Sex of student	Male	145	141	2.00	.837	.070
		Female	288	286	2.05	.826	.049
		Missing	7	3	3.33	1.155	.667
	Group Total		440	430	2.04	.837	.040
Used a campus learning lab or center	Sex of student	Male	145	142	1.88	.911	.076
		Female	288	286	1.84	.920	.054
		Missing	7	2	2.00	.000	.000
	Group Total		440	430	1.85	.914	.044
Used campus recreational facilities	Sex of student	Male	145	142	2.79	1.037	.087
		Female	288	286	2.64	1.049	.062
		Missing	7	3	3.00	1.000	.577
	Group Total		440	431	2.69	1.045	.050
Played a team sport	Sex of student	Male	145	142	2.27	1.196	.100
		Female	288	287	1.87	1.150	.068
		Missing	7	2	1.50	.707	.500
	Group Total		440	431	2.00	1.177	.057
Followed regular exercise schedule	Sex of student	Male	145	142	2.45	1.194	.100
		Female	288	287	2.37	1.163	.069
		Missing	7	2	3.50	.707	.500
	Group Total		440	431	2.40	1.173	.056

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**Clubs and Organizations**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Attended a meeting of campus org.	Sex of student	Male	145	142	3.04	1.081	.091
		Female	288	285	3.35	.951	.056
		Missing	7	2	4.00	.000	.000
	Group Total		440	429	3.25	1.005	.049
Worked on campus committee/organization	Sex of student	Male	145	142	2.32	1.240	.104
		Female	288	285	2.66	1.267	.075
		Missing	7	3	3.67	.577	.333
	Group Total		440	430	2.56	1.267	.061
Worked on off-campus committee/org.	Sex of student	Male	145	142	1.77	1.029	.086
		Female	288	285	1.74	1.047	.062
		Missing	7	3	2.33	1.155	.667
	Group Total		440	430	1.75	1.040	.050
Met with faculty to discuss campus group	Sex of student	Male	145	142	1.92	1.028	.086
		Female	288	284	1.82	.969	.058
		Missing	7	3	2.00	1.000	.577
	Group Total		440	429	1.85	.988	.048
Managed an organization on or off campus	Sex of student	Male	145	142	2.40	1.232	.103
		Female	288	285	2.44	1.216	.072
		Missing	7	2	2.50	2.121	1.500
	Group Total		440	429	2.43	1.222	.059

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**Personal Experiences**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Told friend about reaction to others	Sex of student	Male	145	142	2.82	.925	.078
		Female	288	285	3.36	.799	.047
		Missing	7	3	3.33	1.155	.667
	Group Total		440	430	3.18	.880	.042
Discussed why some people get along	Sex of student	Male	145	142	2.85	.962	.081
		Female	288	285	3.11	.889	.053
		Missing	7	3	3.67	.577	.333
	Group Total		440	430	3.03	.921	.044
Asked for help with a personal problem	Sex of student	Male	145	142	2.57	.926	.078
		Female	288	284	3.17	.879	.052
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	428	2.97	.938	.045
Read about personal growth/self-improve	Sex of student	Male	145	142	1.83	.867	.073
		Female	288	284	2.07	.991	.059
		Missing	7	3	4.00	.000	.000
	Group Total		440	429	2.00	.968	.047
Identified with book/movie/TV character	Sex of student	Male	145	142	2.75	.885	.074
		Female	288	285	2.94	.878	.052
		Missing	7	3	3.67	.577	.333
	Group Total		440	430	2.88	.884	.043
Took test to measure abilities/interests	Sex of student	Male	145	142	2.22	.939	.079
		Female	288	284	2.22	.967	.057
		Missing	7	3	3.67	.577	.333
	Group Total		440	429	2.23	.961	.046
Asked friend his/her opinion of you	Sex of student	Male	145	142	2.17	.930	.078
		Female	288	285	2.28	.964	.057
		Missing	7	2	4.00	.000	.000
	Group Total		440	429	2.25	.959	.046
Talked with F/S about personal concern	Sex of student	Male	145	141	1.60	.836	.070
		Female	288	285	1.61	.851	.050
		Missing	7	2	2.50	.707	.500
	Group Total		440	428	1.61	.846	.041

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**Student Acquaintances**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Acquainted: students of diff. interests	Sex of student	Male	145	142	2.96	.820	.069
		Female	288	285	2.96	.808	.048
		Missing	7	2	3.00	.000	.000
	Group Total		440	429	2.96	.809	.039
Acquainted: students of diff. background	Sex of student	Male	145	142	3.07	.759	.064
		Female	288	283	3.00	.806	.048
		Missing	7	2	3.50	.707	.500
	Group Total		440	427	3.03	.790	.038
Acquainted: students of diff. age	Sex of student	Male	145	142	2.99	.838	.070
		Female	288	284	2.99	.882	.052
		Missing	7	2	4.00	.000	.000
	Group Total		440	428	2.99	.867	.042
Acquainted: students of diff. race	Sex of student	Male	145	142	2.85	.802	.067
		Female	288	282	2.84	.840	.050
		Missing	7	2	3.00	.000	.000
	Group Total		440	426	2.84	.825	.040
Acquainted: students from other country	Sex of student	Male	145	142	2.59	.924	.078
		Female	288	283	2.53	.931	.055
		Missing	7	2	2.00	.000	.000
	Group Total		440	427	2.55	.926	.045
Discussions: students of diff. values	Sex of student	Male	145	142	2.73	.924	.078
		Female	288	284	2.58	.900	.053
		Missing	7	3	3.33	.577	.333
	Group Total		440	429	2.63	.909	.044
Discussions: students of diff. political	Sex of student	Male	145	142	2.77	1.015	.085
		Female	288	284	2.51	.996	.059
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	428	2.60	1.009	.049
Discussions: students of diff. religious	Sex of student	Male	145	142	2.69	1.005	.084
		Female	288	284	2.56	.984	.058
		Missing	7	3	3.67	.577	.333
	Group Total		440	429	2.61	.993	.048
Discussions: students of diff. race	Sex of student	Male	145	142	2.39	.967	.081
		Female	288	284	2.36	.957	.057
		Missing	7	3	3.00	1.000	.577
	Group Total		440	429	2.37	.960	.046
Discussions: students of diff. country	Sex of student	Male	145	142	2.25	1.021	.086
		Female	288	284	2.12	.998	.059
		Missing	7	2	2.00	.000	.000
	Group Total		440	428	2.16	1.004	.049

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**Science and Quantitative Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Memorized formulas/definitions/concepts	Sex of student	Male	145	142	3.07	.943	.079
		Female	288	285	3.11	.956	.057
		Missing	7	3	4.00	.000	.000
	Group Total		440	430	3.10	.950	.046
Expressed relationships using math terms	Sex of student	Male	145	142	2.70	1.018	.085
		Female	288	283	2.62	1.053	.063
		Missing	7	2	3.50	.707	.500
	Group Total		440	427	2.65	1.040	.050
Explained scientific concept to others	Sex of student	Male	145	142	2.63	.965	.081
		Female	288	285	2.42	1.020	.060
		Missing	7	3	3.67	.577	.333
	Group Total		440	430	2.50	1.008	.049
Read articles about science not assigned	Sex of student	Male	145	142	2.03	1.010	.085
		Female	288	285	1.86	1.002	.059
		Missing	7	2	2.50	2.121	1.500
	Group Total		440	429	1.92	1.010	.049
Completed an experiment w/sci. methods	Sex of student	Male	145	141	2.23	.953	.080
		Female	288	285	2.20	1.078	.064
		Missing	7	3	3.33	.577	.333
	Group Total		440	429	2.22	1.039	.050
Practiced using laboratory equipment	Sex of student	Male	145	142	1.85	.999	.084
		Female	288	285	1.83	1.055	.062
		Missing	7	3	2.33	1.155	.667
	Group Total		440	430	1.84	1.035	.050
Showed how to use scientific equipment	Sex of student	Male	145	142	1.70	.875	.073
		Female	288	284	1.74	.989	.059
		Missing	7	2	2.50	.707	.500
	Group Total		440	428	1.73	.951	.046
Explained experimental procedure	Sex of student	Male	145	142	1.88	.821	.069
		Female	288	284	1.93	1.001	.059
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	428	1.92	.947	.046
Compared sci. method with other methods	Sex of student	Male	145	142	1.94	.924	.078
		Female	288	285	1.91	.994	.059
		Missing	7	3	3.33	1.155	.667
	Group Total		440	430	1.93	.977	.047
Explained scientific basis for concerns	Sex of student	Male	145	142	2.11	.908	.076
		Female	288	285	2.02	.969	.057
		Missing	7	3	3.00	1.732	1.000
	Group Total		440	430	2.06	.956	.046

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**Topics of Conversation**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Topic: Current events in the news							
	Sex of student	Male	145	144	3.03	.861	.072
		Female	288	286	2.93	.794	.047
		Missing	7	3	3.67	.577	.333
	Group Total		440	433	2.97	.817	.039
Topic: Social issues--peace,justice, etc							
	Sex of student	Male	145	144	2.84	.850	.071
		Female	288	285	2.60	.916	.054
		Missing	7	3	4.00	.000	.000
	Group Total		440	432	2.69	.904	.043
Topic: Different lifestyles, etc.							
	Sex of student	Male	145	144	2.70	.853	.071
		Female	288	286	2.69	.832	.049
		Missing	7	2	3.50	.707	.500
	Group Total		440	432	2.70	.839	.040
Topic: Ideas of writers, etc.							
	Sex of student	Male	145	144	2.41	.934	.078
		Female	288	286	2.22	.935	.055
		Missing	7	2	2.00	.000	.000
	Group Total		440	432	2.28	.936	.045
Topic: The arts--painting, poetry, etc.							
	Sex of student	Male	145	144	2.33	1.043	.087
		Female	288	286	2.43	.970	.057
		Missing	7	2	3.00	.000	.000
	Group Total		440	432	2.40	.993	.048
Topic: Science--theories, etc.							
	Sex of student	Male	145	144	2.10	.880	.073
		Female	288	286	1.93	.924	.055
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	432	1.99	.915	.044
Topic: Computers and other technologies							
	Sex of student	Male	145	144	2.41	.872	.073
		Female	288	286	2.16	.840	.050
		Missing	7	3	2.67	1.155	.667
	Group Total		440	433	2.25	.859	.041
Topic: Social/ethical issues re: science							
	Sex of student	Male	145	144	2.55	.826	.069
		Female	288	286	2.30	.940	.056
		Missing	7	2	3.50	.707	.500
	Group Total		440	432	2.39	.912	.044
Topic: The economy--employment, etc.							
	Sex of student	Male	145	144	2.71	.818	.068
		Female	288	286	2.49	.905	.054
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	432	2.56	.883	.042
Topic: International relations							
	Sex of student	Male	145	144	2.66	.894	.075
		Female	288	286	2.45	.949	.056
		Missing	7	3	3.33	1.155	.667
	Group Total		440	433	2.52	.938	.045

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**Information in Conversations**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Referred to readings or classes	Sex of student	Male	145	142	2.94	.761	.064
		Female	288	278	3.00	.748	.045
		Missing	7	3	3.67	.577	.333
	Group Total		440	423	2.99	.752	.037
Explored different ways of thinking	Sex of student	Male	145	142	2.83	.799	.067
		Female	288	278	2.73	.827	.050
		Missing	7	3	3.33	.577	.333
	Group Total		440	423	2.77	.817	.040
Referred to something instructor said	Sex of student	Male	145	142	2.79	.841	.071
		Female	288	278	2.71	.790	.047
		Missing	7	2	3.00	.000	.000
	Group Total		440	422	2.74	.806	.039
Subsequently read something on a topic	Sex of student	Male	145	142	2.62	.873	.073
		Female	288	276	2.49	.916	.055
		Missing	7	3	3.33	.577	.333
	Group Total		440	421	2.54	.903	.044
Changed opinion because of others	Sex of student	Male	145	142	2.32	.821	.069
		Female	288	278	2.25	.764	.046
		Missing	7	3	3.33	.577	.333
	Group Total		440	423	2.28	.787	.038
Persuaded others to change their minds	Sex of student	Male	145	142	2.49	.848	.071
		Female	288	277	2.22	.799	.048
		Missing	7	3	3.00	1.000	.577
	Group Total		440	422	2.32	.826	.040

**Quality of Effort Scales**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
QE: Library Scale	Sex of student	Male	145	142	18.79	4.692	.394
		Female	288	283	18.39	4.200	.250
		Missing	7	2	20.00	2.828	2.000
	Group Total		440	427	18.53	4.362	.211
QE: Computer and IT Scale	Sex of student	Male	145	142	24.82	4.584	.385
		Female	288	284	24.92	4.254	.252
		Missing	7	2	26.50	4.950	3.500
	Group Total		440	428	24.89	4.359	.211
QE: Course Learning Scale	Sex of student	Male	145	138	32.17	5.303	.451
		Female	288	280	33.50	4.954	.296
		Missing	7	2	36.50	6.364	4.500

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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Course	Group Total		440	420	33.07	5.107	.249
QE: Writing Experiences Scale	Sex of student	Male	145	139	17.88	4.487	.381
		Female	288	284	18.56	4.281	.254
		Missing	7	2	23.50	.707	.500
	Group Total		440	425	18.36	4.360	.211
QE: Experiences with Faculty Scale	Sex of student	Male	145	141	22.38	5.943	.501
		Female	288	281	21.93	6.155	.367
		Missing	7	2	27.00	5.657	4.000
	Group Total		440	424	22.10	6.083	.295
QE: Art, Music, Theater Scale	Sex of student	Male	145	140	14.84	5.497	.465
		Female	288	285	15.44	5.020	.297
		Missing	7	2	20.50	.707	.500
	Group Total		440	427	15.27	5.184	.251
QE: Campus Facilities Scale	Sex of student	Male	145	141	18.81	4.739	.399
		Female	288	284	18.18	4.711	.280
		Missing	7	2	20.50	3.536	2.500
	Group Total		440	427	18.40	4.718	.228
QE: Clubs and Organizations Scale	Sex of student	Male	145	142	11.44	4.290	.360
		Female	288	284	12.02	4.045	.240
		Missing	7	2	13.50	4.950	3.500
	Group Total		440	428	11.83	4.131	.200
QE: Personal Experiences Scale	Sex of student	Male	145	141	18.84	4.758	.401
		Female	288	282	20.78	4.786	.285
		Missing	7	2	27.50	3.536	2.500
	Group Total		440	425	20.17	4.876	.237
QE: Student Acquaintances Scale	Sex of student	Male	145	142	27.30	6.446	.541
		Female	288	280	26.42	6.574	.393
		Missing	7	2	30.00	4.243	3.000
	Group Total		440	424	26.73	6.528	.317
QE: Science & Quantitative Exp. Scale	Sex of student	Male	145	141	22.12	6.769	.570
		Female	288	281	21.63	7.693	.459
		Missing	7	2	32.00	1.414	1.000
	Group Total		440	424	21.84	7.409	.360
QE: Topics of Conversation Scale	Sex of student	Male	145	144	25.73	5.642	.470
		Female	288	285	24.21	5.805	.344
		Missing	7	2	30.50	2.121	1.500
	Group Total		440	431	24.75	5.790	.279
QE: Information							



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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Information in Conversations Scale	Sex of student	Male	145	142	15.99	3.820	.321
		Female	288	275	15.40	3.811	.230
		Missing	7	2	18.50	2.121	1.500
	Group Total		440	419	15.62	3.817	.186

**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Number of texts read	Sex of student	Male	145	145	2.92	.932	.077
		Female	288	285	2.98	.780	.046
		Missing	7	3	3.33	.577	.333
	Group Total		440	433	2.96	.832	.040
Number of course packets read	Sex of student	Male	145	143	2.48	1.013	.085
		Female	288	284	2.69	.993	.059
		Missing	7	3	3.67	1.528	.882
	Group Total		440	430	2.62	1.009	.049
Number of non-assigned books read	Sex of student	Male	145	143	2.01	.900	.075
		Female	288	283	1.96	.833	.049
		Missing	7	3	2.33	1.528	.882
	Group Total		440	429	1.98	.859	.041
Number of essays written	Sex of student	Male	145	142	2.44	.895	.075
		Female	288	285	2.40	.916	.054
		Missing	7	3	2.33	1.155	.667
	Group Total		440	430	2.41	.909	.044
Number of term papers written	Sex of student	Male	145	139	2.64	.925	.078
		Female	288	283	2.70	.915	.054
		Missing	7	3	3.00	.000	.000
	Group Total		440	425	2.68	.914	.044
How well college is liked	Sex of student	Male	145	145	3.05	.819	.068
		Female	288	285	3.28	.767	.045
		Missing	7	3	2.67	.577	.333
	Group Total		440	433	3.20	.791	.038
Would attend same institution again	Sex of student	Male	145	145	3.09	.799	.066
		Female	288	285	3.21	.798	.047
		Missing	7	3	3.00	1.000	.577
	Group Total		440	433	3.17	.799	.038
Overall opinion of college	Sex of student	Male	145	145	6.14	1.367	.114
		Female	288	284	6.48	1.388	.082
		Missing	7	3	5.67	1.528	.882
	Group Total		440	432	6.36	1.389	.067

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**Measures of the College Environment**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Env. Emphasis: Scholarship	Sex of student	Male	145	145	6.13	.945	.078
		Female	288	285	6.36	.763	.045
		Missing	7	2	6.50	.707	.500
	Group Total		440	432	6.28	.834	.040
Env. Emphasis: Aesthetics	Sex of student	Male	145	145	5.04	1.317	.109
		Female	288	285	5.02	1.331	.079
		Missing	7	2	4.50	.707	.500
	Group Total		440	432	5.03	1.322	.064
Env. Emphasis: Analysis	Sex of student	Male	145	145	5.77	1.027	.085
		Female	288	285	5.82	.981	.058
		Missing	7	2	7.00	.000	.000
	Group Total		440	432	5.81	.997	.048
Env. Emphasis: Diversity	Sex of student	Male	145	145	4.76	1.533	.127
		Female	288	285	4.70	1.473	.087
		Missing	7	2	5.00	.000	.000
	Group Total		440	432	4.72	1.489	.072
Env. Emphasis: Info. literacy skills	Sex of student	Male	145	145	4.96	1.296	.108
		Female	288	285	4.99	1.379	.082
		Missing	7	2	5.50	.707	.500
	Group Total		440	432	4.98	1.348	.065
Env. Emphasis: Vocational	Sex of student	Male	145	145	4.17	1.564	.130
		Female	288	285	4.19	1.605	.095
		Missing	7	2	5.00	.000	.000
	Group Total		440	432	4.19	1.587	.076
Env. Emphasis: Practical courses	Sex of student	Male	145	145	4.52	1.568	.130
		Female	288	285	4.46	1.476	.087
		Missing	7	2	2.50	.707	.500
	Group Total		440	432	4.47	1.509	.073
Relationships: Other students	Sex of student	Male	145	145	5.67	1.236	.103
		Female	288	286	5.93	1.013	.060
		Missing	7	2	6.50	.707	.500
	Group Total		440	433	5.85	1.098	.053
Relationships: Administrative personnel	Sex of student	Male	145	145	4.79	1.555	.129
		Female	288	286	4.77	1.455	.086
		Missing	7	2	5.50	.707	.500
	Group Total		440	433	4.78	1.485	.071
Relationships:							

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**Measures of the College Environment**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Relationships: Faculty members	Sex of student	Male	145	144	5.42	1.232	.103
		Female	288	286	5.45	1.090	.064
		Missing	7	2	5.00	1.414	1.000
	Group Total		440	432	5.44	1.138	.055

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**Estimates of Gains**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Gain: Vocational preparation	Sex of student	Male	145	143	2.65	.921	.077
		Female	288	286	2.63	.975	.058
		Missing	7	2	2.50	.707	.500
	Group Total		440	431	2.63	.955	.046
Gain: Skills for professional career	Sex of student	Male	145	143	2.84	.793	.066
		Female	288	285	3.01	.813	.048
		Missing	7	2	3.00	.000	.000
	Group Total		440	430	2.96	.808	.039
Gain: Broad general education	Sex of student	Male	145	143	2.97	.726	.061
		Female	288	285	3.09	.762	.045
		Missing	7	3	3.67	.577	.333
	Group Total		440	431	3.05	.752	.036
Gain: Career information	Sex of student	Male	145	143	2.92	.835	.070
		Female	288	282	2.98	.811	.048
		Missing	7	2	3.50	.707	.500
	Group Total		440	427	2.96	.818	.040
Gain: Enjoyment of art, music, drama	Sex of student	Male	145	143	2.25	.996	.083
		Female	288	285	2.30	.975	.058
		Missing	7	2	3.00	.000	.000
	Group Total		440	430	2.29	.980	.047
Gain: Acquaintance with literature	Sex of student	Male	145	142	2.27	.969	.081
		Female	288	284	2.38	.923	.055
		Missing	7	2	2.00	1.414	1.000
	Group Total		440	428	2.34	.939	.045
Gain: Understanding history	Sex of student	Male	145	143	2.50	.963	.081
		Female	288	285	2.31	.948	.056
		Missing	7	2	2.50	.707	.500
	Group Total		440	430	2.37	.954	.046
Gain: Knowledge about world	Sex of student	Male	145	143	2.28	.960	.080
		Female	288	285	2.20	.967	.057
		Missing	7	2	2.00	.000	.000
	Group Total		440	430	2.23	.962	.046
Gain: Writing effectively	Sex of student	Male	145	142	2.84	.848	.071
		Female	288	285	3.03	.835	.049
		Missing	7	2	2.50	.707	.500
	Group Total		440	429	2.96	.842	.041
Gain: Speaking effectively	Sex of student	Male	145	143	2.78	.840	.070
		Female	288	284	2.95	.802	.048
		Missing	7	2	2.50	.707	.500
	Group Total		440	429	2.89	.817	.039

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Using computers, other info tech	Sex of student	Male	145	142	2.82	.869	.073
		Female	288	284	2.77	.890	.053
		Missing	7	2	2.50	.707	.500
	Group Total		440	428	2.79	.881	.043
Gain: Awareness of other philosophies	Sex of student	Male	145	143	2.76	.872	.073
		Female	288	284	2.64	.836	.050
		Missing	7	2	3.00	.000	.000
	Group Total		440	429	2.68	.847	.041
Gain: Values and ethical standards	Sex of student	Male	145	142	2.85	.955	.080
		Female	288	285	2.84	.889	.053
		Missing	7	2	4.00	.000	.000
	Group Total		440	429	2.85	.912	.044
Gain: Understanding self	Sex of student	Male	145	142	3.04	.815	.068
		Female	288	285	3.11	.765	.045
		Missing	7	2	3.50	.707	.500
	Group Total		440	429	3.09	.782	.038
Gain: Getting along with others	Sex of student	Male	145	143	2.94	.882	.074
		Female	288	284	3.01	.800	.047
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	429	2.99	.829	.040
Gain: Functioning as a team member	Sex of student	Male	145	143	2.80	.916	.077
		Female	288	285	2.85	.838	.050
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	430	2.83	.864	.042
Gain: Personal health habits and fitness	Sex of student	Male	145	143	2.43	.983	.082
		Female	288	285	2.46	.991	.059
		Missing	7	2	3.50	.707	.500
	Group Total		440	430	2.46	.988	.048
Gain: Understanding science	Sex of student	Male	145	143	2.43	.892	.075
		Female	288	285	2.35	1.015	.060
		Missing	7	2	3.00	.000	.000
	Group Total		440	430	2.38	.974	.047
Gain: Understanding new technology	Sex of student	Male	145	143	2.38	.949	.079
		Female	288	285	2.21	1.007	.060
		Missing	7	2	3.00	.000	.000
	Group Total		440	430	2.27	.989	.048
Gain: Consequences of science, tech.	Sex of student	Male	145	143	2.46	.933	.078
		Female	288	285	2.21	.957	.057
		Missing	7	2	3.00	1.414	1.000
	Group Total		440	430	2.30	.956	.046

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**Estimates of Gains**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Gain: Thinking analytically	Sex of student	Male	145	142	2.97	.833	.070
		Female	288	284	2.93	.803	.048
		Missing	7	2	3.50	.707	.500
	Group Total		440	428	2.95	.812	.039
Gain: Analyzing quantitative problems	Sex of student	Male	145	143	2.73	.928	.078
		Female	288	285	2.46	.894	.053
		Missing	7	2	2.50	.707	.500
	Group Total		440	430	2.55	.912	.044
Gain: Synthesizing ideas	Sex of student	Male	145	143	3.00	.872	.073
		Female	288	284	3.02	.788	.047
		Missing	7	2	3.50	.707	.500
	Group Total		440	429	3.02	.816	.039
Gain: Learning on one's own	Sex of student	Male	145	143	3.08	.814	.068
		Female	288	285	3.09	.777	.046
		Missing	7	2	3.50	.707	.500
	Group Total		440	430	3.09	.788	.038
Gain: Adapting to change	Sex of student	Male	145	143	2.91	.830	.069
		Female	288	285	2.95	.810	.048
		Missing	7	2	3.50	.707	.500
	Group Total		440	430	2.94	.816	.039

**Additional Items**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Additional question #1	Sex of student	Male	145	129	4.02	.679	.060
		Female	288	279	3.89	.656	.039
		Missing	7	2	4.00	.000	.000
	Group Total		440	410	3.93	.664	.033
Additional question #2	Sex of student	Male	145	129	3.09	1.364	.120
		Female	288	278	2.79	1.315	.079
		Missing	7	2	3.00	.000	.000
	Group Total		440	409	2.89	1.333	.066
Additional question #3	Sex of student	Male	145	129	2.90	1.322	.116
		Female	288	279	2.85	1.209	.072
		Missing	7	2	2.50	.707	.500
	Group Total		440	410	2.86	1.242	.061
Additional question #4	Sex of student	Male	145	129	2.06	.768	.068
		Female	288	278	2.15	.795	.048
		Missing	7	2	1.50	.707	.500

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**Additional Items**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Additional	Group Total		440	409	2.12	.786	.039
Additional question #5	Sex of student	Male	145	99	2.82	1.445	.145
		Female	288	205	3.13	1.326	.093
		Missing	7	2	4.50	.707	.500
	Group Total		440	306	3.04	1.373	.078
Additional question #6	Sex of student	Male	145	96	2.41	1.111	.113
		Female	288	186	2.14	.883	.065
		Missing	7	1	4.00	.	.
	Group Total		440	283	2.24	.977	.058
Additional question #7	Sex of student	Male	145	129	2.64	1.095	.096
		Female	288	279	2.46	.951	.057
		Missing	7	2	2.00	.000	.000
	Group Total		440	410	2.51	.999	.049
Additional question #8	Sex of student	Male	145	129	3.05	1.192	.105
		Female	288	279	3.14	1.045	.063
		Missing	7	2	3.50	.707	.500
	Group Total		440	410	3.11	1.091	.054
Additional question #9	Sex of student	Male	145	128	2.66	1.288	.114
		Female	288	279	2.75	1.257	.075
		Missing	7	2	2.50	.707	.500
	Group Total		440	409	2.72	1.263	.062
Additional question #10	Sex of student	Male	145	128	2.30	.864	.076
		Female	288	278	2.38	.873	.052
		Missing	7	2	3.00	.000	.000
	Group Total		440	408	2.36	.869	.043
Additional question #11	Sex of student	Male	145	128	2.09	.891	.079
		Female	288	278	2.07	.819	.049
		Missing	7	2	1.50	.707	.500
	Group Total		440	408	2.07	.841	.042
Additional question #12	Sex of student	Male	145	128	2.77	1.237	.109
		Female	288	272	2.94	1.143	.069
		Missing	7	2	2.50	.707	.500
	Group Total		440	402	2.89	1.173	.059
Additional question #13	Sex of student	Male	145	126	3.15	1.290	.115
		Female	288	273	3.03	1.152	.070
		Missing	7	2	2.50	.707	.500
	Group Total		440	401	3.06	1.195	.060
Additional							

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**Additional Items**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Additional question #14	Sex of student	Male	145	128	2.48	1.012	.089
		Female	288	274	2.61	.990	.060
		Missing	7	2	1.50	.707	.500
	Group Total		440	404	2.56	.998	.050
Additional question #15	Sex of student	Male	145	128	2.30	.999	.088
		Female	288	274	2.50	1.014	.061
		Missing	7	2	2.00	1.414	1.000
	Group Total		440	404	2.43	1.013	.050
Additional question #16	Sex of student	Male	145	128	2.63	1.035	.091
		Female	288	274	2.46	.941	.057
		Missing	7	2	2.50	.707	.500
	Group Total		440	404	2.51	.972	.048
Additional question #17	Sex of student	Male	145	128	2.45	1.002	.089
		Female	288	274	2.46	.968	.058
		Missing	7	2	2.00	1.414	1.000
	Group Total		440	404	2.45	.979	.049
Additional question #18	Sex of student	Male	145	128	3.09	1.428	.126
		Female	288	274	2.81	1.358	.082
		Missing	7	3	3.00	1.000	.577
	Group Total		440	405	2.90	1.382	.069
Additional question #19	Sex of student	Male	145	128	2.68	1.143	.101
		Female	288	273	2.64	.971	.059
		Missing	7	2	3.00	.000	.000
	Group Total		440	403	2.66	1.025	.051
Additional question #20	Sex of student	Male	145	128	2.02	.860	.076
		Female	288	274	2.15	.765	.046
		Missing	7	2	2.00	.000	.000
	Group Total		440	404	2.11	.796	.040



Truman State University  
Spring 2006 CSEQ Institutional Results

**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Surveys submitted	Yes	177	100	260	100	5	100	442	100
Age of student	19 or younger	17	10	49	19	0	0	66	15
	20-23	157	89	208	80	5	100	370	84
	24-29	3	2	2	1	0	0	5	1
	30-39	0	0	1	0	0	0	1	0
Total		177	100	260	100	5	100	442	100
Marital status	not married	175	99	253	97	4	80	432	98
	married	1	1	7	3	1	20	9	2
	separated	1	1	0	0	0	0	1	0
Total		177	100	260	100	5	100	442	100
College classification	sophomore	9	5	27	10	0	0	36	8
	junior	153	86	208	80	5	100	366	83
	senior	15	8	24	9	0	0	39	9
Total		177	100	259	100	5	100	441	100
Enter college here or transfer	started here	156	89	233	90	5	100	394	90
	transferred	20	11	25	10	0	0	45	10
Total		176	100	258	100	5	100	439	100
Where live now during school	dorm, other housing	57	32	115	44	0	0	172	39
	residence in walking	86	49	122	47	5	100	213	48
	residence in driving	16	9	23	9	0	0	39	9
	fraternity, sorority	18	10	0	0	0	0	18	4
Total		177	100	260	100	5	100	442	100
Live with: no one	no	155	88	231	89	5	100	391	89
	yes	22	12	28	11	0	0	50	11
Total		177	100	259	100	5	100	441	100
Live with: other students	no	29	16	38	15	0	0	67	15
	yes	148	84	221	85	5	100	374	85
Total		177	100	259	100	5	100	441	100
Live with: spouse or partner	no	174	98	252	97	5	100	431	98
	yes	3	2	7	3	0	0	10	2
Total		177	100	259	100	5	100	441	100
Live with: my child	no	176	99	255	98	5	100	436	99
	yes	1	1	4	2	0	0	5	1
Total		177	100	259	100	5	100	441	100
Live with: my parents	no	175	99	257	99	5	100	437	99
	yes	2	1	2	1	0	0	4	1
Total		177	100	259	100	5	100	441	100
Live with: other relatives	no	177	100	258	100	5	100	440	100
	yes	0	0	1	0	0	0	1	0
Total		177	100	259	100	5	100	441	100
Live with: friends not students here	no	174	98	259	100	5	100	438	99
	yes	3	2	0	0	0	0	3	1
Total		177	100	259	100	5	100	441	100
Live with: others	no	175	99	257	99	5	100	437	99
	yes	2	1	2	1	0	0	4	1
Total		177	100	259	100	5	100	441	100
Access to a computer	yes	173	98	260	100	5	100	438	99
	no	4	2	0	0	0	0	4	1
Total		177	100	260	100	5	100	442	100
Grades at this college	C-, C-, or lower	5	3	2	1	0	0	7	2
	B-, C+	33	19	21	8	1	20	55	12
	B	39	22	58	22	1	20	98	22
	A-, B+	65	37	99	38	2	40	166	38
	A	35	20	79	31	1	20	115	26
Total		177	100	259	100	5	100	441	100
Parents graduate from college	no	39	22	79	30	0	0	118	27
	yes, both parents	94	53	107	41	3	60	204	46
	yes, father only	26	15	35	13	0	0	61	14
	yes, mother only	18	10	38	15	1	20	57	13
Total		177	100	260	100	5	100	442	100
Enroll for a more advanced degree	yes	143	81	214	83	3	60	360	82
	no	34	19	45	17	2	40	81	18

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**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		177	100	259	100	5	100	441	100
Number of term credit hours	6 or fewer	1	1	2	1	0	0	3	1
	7-11	1	1	2	1	0	0	3	1
	12-14	60	34	76	29	0	0	136	31
	15-16	90	51	146	56	4	80	240	54
	17 or more	24	14	34	13	1	20	59	13
Total		176	100	260	100	5	100	441	100
Hours on out of class academic work	5 or less hrs weekly	17	10	5	2	0	0	22	5
	6-10 hrs weekly	42	24	48	19	2	40	92	21
	11-15 hrs weekly	41	23	58	22	2	40	101	23
	16-20 hrs weekly	39	22	70	27	1	20	110	25
	21-25 hrs weekly	20	11	31	12	0	0	51	12
	26-30 hrs weekly	10	6	27	10	0	0	37	8
	more than 30 hrs	6	3	20	8	0	0	26	6
Total		175	100	259	100	5	100	439	100
Hours working on campus for pay	none; no job	91	51	119	46	3	60	213	49
	1-10 hrs weekly	58	33	111	43	1	20	170	39
	11-20 hrs weekly	26	15	19	7	0	0	45	10
	21-30 hrs weekly	1	1	5	2	1	20	7	2
	31-40 hrs weekly	0	0	2	1	0	0	2	0
	more than 40 hrs	1	1	1	0	0	0	2	0
Total		177	100	257	100	5	100	439	100
Hours working off campus for pay	none; no job	140	80	201	78	5	100	346	79
	1-10 hrs weekly	11	6	17	7	0	0	28	6
	11-20 hrs weekly	18	10	30	12	0	0	48	11
	21-30 hrs weekly	6	3	7	3	0	0	13	3
	31-40 hrs weekly	1	1	2	1	0	0	3	1
	more than 40 hrs	0	0	1	0	0	0	1	0
Total		176	100	258	100	5	100	439	100
How job affects school work	no job	67	38	87	33	3	60	157	36
	does not interfere	54	31	66	25	0	0	120	27
	takes some time	48	27	100	38	2	40	150	34
	takes lots of time	6	3	7	3	0	0	13	3
Total		175	100	260	100	5	100	440	100
Meet expenses: self	none	29	20	32	14	0	0	61	16
	very little	58	39	122	53	4	100	184	48
	less than half	34	23	46	20	0	0	80	21
	about half	14	10	13	6	0	0	27	7
	more than half	5	3	9	4	0	0	14	4
	all or nearly all	7	5	8	3	0	0	15	4
Total		147	100	230	100	4	100	381	100
Meet expenses: parents	none	16	10	25	10	0	0	41	10
	very little	36	22	58	24	1	20	95	23
	less than half	31	19	42	18	1	20	74	18
	about half	22	13	36	15	0	0	58	14
	more than half	18	11	35	15	1	20	54	13
	all or nearly all	40	25	43	18	2	40	85	21
Total		163	100	239	100	5	100	407	100
Meet expenses: spouse or partner	none	119	96	184	97	4	100	307	97
	very little	3	2	3	2	0	0	6	2
	less than half	1	1	1	1	0	0	2	1
	about half	1	1	0	0	0	0	1	0
	more than half	0	0	1	1	0	0	1	0
	all or nearly all	0	0	1	1	0	0	1	0
Total		124	100	190	100	4	100	318	100
Meet expenses: employer	none	108	89	175	92	4	100	287	91
	very little	6	5	5	3	0	0	11	3
	less than half	5	4	5	3	0	0	10	3
	about half	1	1	3	2	0	0	4	1
Total		120	100	188	100	4	100	316	100
all or nearly all		1	1	0	0	0	0	1	0
Total		122	100	190	100	4	100	316	100

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**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Meet expenses: scholarships and grants	none	24	16	24	10	1	25	49	12
	very little	18	12	32	13	0	0	50	13
	less than half	30	20	61	25	2	50	93	24
	about half	24	16	40	17	0	0	64	16
	more than half	26	17	34	14	0	0	60	15
	all or nearly all	28	19	50	21	1	25	79	20
Total		150	100	241	100	4	100	395	100
Meet expenses: loans	none	73	54	104	47	3	75	180	50
	very little	11	8	11	5	0	0	22	6
	less than half	22	16	37	17	1	25	60	17
	about half	10	7	32	14	0	0	42	12
	more than half	9	7	27	12	0	0	36	10
	all or nearly all	9	7	11	5	0	0	20	6
Total		134	100	222	100	4	100	360	100
Meet expenses: other sources	none	109	93	171	92	4	100	284	93
	very little	4	3	7	4	0	0	11	4
	less than half	2	2	3	2	0	0	5	2
	about half	0	0	4	2	0	0	4	1
	more than half	2	2	0	0	0	0	2	1
Total		117	100	185	100	4	100	306	100
Race: American Indian or other native	no	166	98	258	99	5	100	429	99
	yes	4	2	2	1	0	0	6	1
Total		170	100	260	100	5	100	435	100
Race: Asian or Pacific Islander	no	161	95	254	98	5	100	420	97
	yes	9	5	6	2	0	0	15	3
Total		170	100	260	100	5	100	435	100
Race: Black or African American	no	153	90	250	96	5	100	408	94
	yes	17	10	10	4	0	0	27	6
Total		170	100	260	100	5	100	435	100
Race: Caucasian	no	33	19	19	7	0	0	52	12
	yes	137	81	241	93	5	100	383	88
Total		170	100	260	100	5	100	435	100
Race: Mexican American	no	169	99	255	98	5	100	429	99
	yes	1	1	5	2	0	0	6	1
Total		170	100	260	100	5	100	435	100
Race: Puerto Rican	no	170	100	260	100	5	100	435	100
Total		170	100	260	100	5	100	435	100
Race: Other Hispanic	no	170	100	259	100	5	100	434	100
	yes	0	0	1	0	0	0	1	0
Total		170	100	260	100	5	100	435	100
Race: Other	no	162	95	258	99	5	100	425	98
	yes	8	5	2	1	0	0	10	2
Total		170	100	260	100	5	100	435	100
No. of racial/ethnic groups of student	belongs to 1 group	164	96	254	98	5	100	423	97
	belongs to 2 groups	6	4	5	2	0	0	11	3
	belongs to 3 groups	0	0	1	0	0	0	1	0
Total		170	100	260	100	5	100	435	100
Racial or ethnic identification	American Indian	1	1	0	0	0	0	1	0
	Asian, Pacific Islander	7	4	5	2	0	0	12	3
	Black, African American	16	9	9	3	0	0	25	6
	White, Caucasian	132	78	235	90	5	100	372	86
	Mexican-American	1	1	3	1	0	0	4	1
	Other Hispanic	0	0	1	0	0	0	1	0
	Other	7	4	1	0	0	0	8	2
	Multiracial	6	4	6	2	0	0	12	3
Total		170	100	260	100	5	100	435	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Agriculture	no	170	99	255	99	5	100	430	99
	yes	2	1	2	1	0	0	4	1
Total		172	100	257	100	5	100	434	100
Major: Biological or life sciences	no	163	95	241	94	5	100	409	94
	yes	9	5	16	6	0	0	25	6
Total		172	100	257	100	5	100	434	100
Major: Business	no	133	77	239	93	5	100	377	87
	yes	39	23	18	7	0	0	57	13
Total		172	100	257	100	5	100	434	100
Major: Communications	no	170	99	241	94	2	40	413	95
	yes	2	1	16	6	3	60	21	5
Total		172	100	257	100	5	100	434	100
Major: Computer and information sciences	no	170	99	255	99	5	100	430	99
	yes	2	1	2	1	0	0	4	1
Total		172	100	257	100	5	100	434	100
Major: Education	no	165	96	241	94	5	100	411	95
	yes	7	4	16	6	0	0	23	5
Total		172	100	257	100	5	100	434	100
Major: Engineering	no	172	100	257	100	5	100	434	100
Total		172	100	257	100	5	100	434	100
Major: Ethnic, cultural, Total	no	172	100	257	100	5	100	434	100
	yes	172	100	257	100	5	100	434	100
Major: Foreign languages and literature	no	170	99	246	96	5	100	421	97
	yes	2	1	11	4	0	0	13	3
Total		172	100	257	100	5	100	434	100
Major: Health-related fields	no	166	97	230	89	5	100	401	92
	yes	6	3	27	11	0	0	33	8
Total		172	100	257	100	5	100	434	100
Major: History	no	158	92	253	98	5	100	416	96
	yes	14	8	4	2	0	0	18	4
Total		172	100	257	100	5	100	434	100
Major: Humanities	no	159	92	242	94	4	80	405	93
	yes	13	8	15	6	1	20	29	7
Total		172	100	257	100	5	100	434	100
Major: Liberal or general studies	no	172	100	256	100	5	100	433	100
	yes	0	0	1	0	0	0	1	0
Total		172	100	257	100	5	100	434	100
Major: Mathematics	no	167	97	255	99	5	100	427	98
	yes	5	3	2	1	0	0	7	2
Total		172	100	257	100	5	100	434	100
Major: Total	no	172	100	257	100	5	100	434	100
Total		172	100	257	100	5	100	434	100
Major: Recreation or sports management	no	172	100	254	99	5	100	431	99
	yes	0	0	3	1	0	0	3	1
Total		172	100	257	100	5	100	434	100
Major: Physical sciences	no	167	97	253	98	5	100	425	98
	yes	5	3	4	2	0	0	9	2
Total		172	100	257	100	5	100	434	100
Major: Pre-professional	no	163	95	246	96	5	100	414	95
	yes	9	5	11	4	0	0	20	5
Total		172	100	257	100	5	100	434	100
Major: Public administration	no	168	98	256	100	5	100	429	99
	yes	4	2	1	0	0	0	5	1
Total		172	100	257	100	5	100	434	100
Major: Social sciences	no	150	87	231	90	5	100	386	89
	yes	22	13	26	10	0	0	48	11
Total		172	100	257	100	5	100	434	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Visual and performing arts	no	169	98	244	95	5	100	418	96
	yes	3	2	13	5	0	0	16	4
Total		172	100	257	100	5	100	434	100
Major: Undecided	no	172	100	256	100	5	100	433	100
	yes	0	0	1	0	0	0	1	0
Total		172	100	257	100	5	100	434	100
Major: Other	no	75	44	79	31	1	20	155	36
	yes	97	56	178	69	4	80	279	64
Total		172	100	257	100	5	100	434	100

**Library Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used the library to study	never	34	19	48	18	0	0	82	19
	occasionally	72	41	125	48	3	75	200	45
	often	30	17	51	20	1	25	82	19
	very often	41	23	36	14	0	0	77	17
Total		177	100	260	100	4	100	441	100
Found something interesting browsing	never	63	36	94	36	1	25	158	36
	occasionally	77	44	132	51	3	75	212	48
	often	26	15	27	10	0	0	53	12
	very often	11	6	7	3	0	0	18	4
Total		177	100	260	100	4	100	441	100
Asked a librarian/staff member for help	never	64	36	79	30	1	25	144	33
	occasionally	88	50	143	55	3	75	234	53
	often	22	13	32	12	0	0	54	12
	very often	2	1	6	2	0	0	8	2
Total		176	100	260	100	4	100	440	100
Read assigned material not texts	never	39	22	62	24	0	0	101	23
	occasionally	90	51	123	47	3	75	216	49
	often	38	21	56	22	1	25	95	22
	very often	10	6	19	7	0	0	29	7
Total		177	100	260	100	4	100	441	100
Used index or database to find material	never	11	6	3	1	0	0	14	3
	occasionally	69	39	58	22	1	25	128	29
	often	58	33	116	45	2	50	176	40
	very often	38	22	82	32	1	25	121	28
Total		176	100	259	100	4	100	439	100
Wrote bibliography for a term paper	never	19	11	11	4	0	0	30	7
	occasionally	65	37	77	30	2	50	144	33
	often	59	33	91	35	1	25	151	34
	very often	34	19	80	31	1	25	115	26
Total		177	100	259	100	4	100	440	100
Gone back to read basic reference	never	77	44	135	52	1	25	213	48
	occasionally	75	42	90	35	3	75	168	38
	often	19	11	21	8	0	0	40	9
	very often	6	3	13	5	0	0	19	4
Total		177	100	259	100	4	100	440	100
Made a judgment about quality of info.	never	19	11	27	10	1	25	47	11
	occasionally	73	41	107	41	2	50	182	41
	often	47	27	74	28	1	25	122	28
	very often	37	21	52	20	0	0	89	20
Total		176	100	260	100	4	100	440	100

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**Computer and Information Technology Activities**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used computer/word processor for paper	never	2	1	0	0	0	0	2	0
	occasionally	8	5	2	1	0	0	10	2
	often	28	16	16	6	1	25	45	10
	very often	138	78	242	93	3	75	383	87
Total		176	100	260	100	4	100	440	100
Used e-mail to communicate with class	never	1	1	0	0	0	0	1	0
	occasionally	12	7	4	2	0	0	16	4
	often	33	19	24	9	1	25	58	13
	very often	130	74	232	89	3	75	365	83
Total		176	100	260	100	4	100	440	100
Used computer tutorial to learn material	never	56	32	70	27	2	50	128	29
	occasionally	75	43	98	38	1	25	174	40
	often	23	13	52	20	1	25	76	17
	very often	22	13	40	15	0	0	62	14
Total		176	100	260	100	4	100	440	100
Joined in electronic class discussions	never	66	38	89	34	1	25	156	35
	occasionally	60	34	105	40	2	50	167	38
	often	30	17	37	14	1	25	68	15
	very often	20	11	29	11	0	0	49	11
Total		176	100	260	100	4	100	440	100
Searched Internet for course material	never	4	2	1	0	0	0	5	1
	occasionally	24	14	18	7	1	25	43	10
	often	38	22	50	19	0	0	88	20
	very often	110	63	191	73	3	75	304	69
Total		176	100	260	100	4	100	440	100
Retrieved off-campus library materials	never	57	32	83	32	2	50	142	32
	occasionally	57	32	100	39	0	0	157	36
	often	29	16	33	13	2	50	64	15
	very often	33	19	43	17	0	0	76	17
Total		176	100	259	100	4	100	439	100
Made visual displays with computer	never	12	7	14	5	0	0	26	6
	occasionally	57	32	90	35	3	75	150	34
	often	54	31	85	33	0	0	139	32
	very often	53	30	71	27	1	25	125	28
Total		176	100	260	100	4	100	440	100
Used a computer to analyze data	never	19	11	47	18	2	50	68	15
	occasionally	76	43	114	44	2	50	192	44
	often	44	25	54	21	0	0	98	22
	very often	37	21	44	17	0	0	81	18
Total		176	100	259	100	4	100	439	100
Developed Web page, multimedia present.	never	46	26	69	27	2	50	117	27
	occasionally	80	45	128	49	1	25	209	48
	often	30	17	45	17	1	25	76	17
	very often	20	11	18	7	0	0	38	9
Total		176	100	260	100	4	100	440	100

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**Course Learning**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Completed	never	1	1	0	0	0	0	1	0
assigned readings	occasionally	36	21	32	12	2	40	70	16
	often	68	39	87	33	1	20	156	35
	very often	70	40	141	54	2	40	213	48
Total		175	100	260	100	5	100	440	100
Took detailed class notes	never	4	2	1	0	0	0	5	1
	occasionally	22	13	7	3	1	20	30	7
	often	75	43	55	21	0	0	130	30
Total	very often	75	43	196	76	4	80	275	63
		176	100	259	100	5	100	440	100
Contributed to class discussions	never	7	4	3	1	0	0	10	2
	occasionally	43	25	80	31	1	20	124	28
	often	64	37	86	33	3	60	153	35
Total	very often	61	35	88	34	1	20	150	34
		175	100	257	100	5	100	437	100
Developed role play/case study for class	never	61	35	106	41	5	100	172	39
	occasionally	78	44	106	41	0	0	184	42
	often	29	16	34	13	0	0	63	14
Total	very often	8	5	14	5	0	0	22	5
		176	100	260	100	5	100	441	100
Put together different facts and ideas	never	3	2	5	2	0	0	8	2
	occasionally	36	20	66	25	1	20	103	23
	often	78	44	116	45	3	60	197	45
Total	very often	59	34	72	28	1	20	132	30
		176	100	259	100	5	100	440	100
Summarized major points and information	never	9	5	5	2	0	0	14	3
	occasionally	48	28	62	24	2	40	112	26
	often	75	43	106	41	1	20	182	42
Total	very often	41	24	87	33	2	40	130	30
		173	100	260	100	5	100	438	100
Worked with others on class project	never	6	3	2	1	0	0	8	2
	occasionally	45	26	56	22	1	20	102	23
	often	71	41	99	38	4	80	174	40
Total	very often	51	29	103	40	0	0	154	35
		173	100	260	100	5	100	438	100
Applied class material to other areas	never	6	3	4	2	0	0	10	2
	occasionally	48	28	78	30	1	20	127	29
	often	80	46	101	39	3	60	184	42
Total	very often	39	23	77	30	1	20	117	27
		173	100	260	100	5	100	438	100
Used info. from other areas in class	never	9	5	4	2	0	0	13	3
	occasionally	59	34	78	30	2	40	139	32
	often	64	37	113	43	1	20	178	41
Total	very often	40	23	65	25	2	40	107	24
		172	100	260	100	5	100	437	100
Explained course material to others	never	1	1	1	0	0	0	2	0
	occasionally	53	31	65	25	2	40	120	27
	often	68	39	114	44	2	40	184	42
Total	very often	51	29	79	31	1	20	131	30
		173	100	259	100	5	100	437	100
Worked on project integrating ideas	never	3	2	0	0	0	0	3	1
	occasionally	37	22	45	17	2	40	84	19
	often	63	37	106	41	1	20	170	39
Total	very often	69	40	108	42	2	40	179	41
		172	100	259	100	5	100	436	100

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**Writing Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a dictionary or thesaurus	never	15	9	8	3	0	0	23	5
	occasionally	57	33	69	27	3	60	129	29
	often	54	31	85	33	0	0	139	32
	very often	47	27	98	38	2	40	147	34
Total		173	100	260	100	5	100	438	100
Thought about grammar, etc while writing	never	1	1	0	0	0	0	1	0
	occasionally	38	22	24	9	0	0	62	14
	often	52	30	78	30	2	40	132	30
	very often	82	47	158	61	3	60	243	55
Total		173	100	260	100	5	100	438	100
Asked others to read your writing	never	22	13	11	4	0	0	33	8
	occasionally	64	37	71	27	3	60	138	32
	often	56	32	92	35	2	40	150	34
	very often	31	18	86	33	0	0	117	27
Total		173	100	260	100	5	100	438	100
Referred to a style manual	never	36	21	19	7	1	20	56	13
	occasionally	75	43	91	35	3	60	169	39
	often	36	21	83	32	1	20	120	27
	very often	26	15	67	26	0	0	93	21
Total		173	100	260	100	5	100	438	100
Revised a paper two or more times	never	26	15	15	6	1	20	42	10
	occasionally	73	42	87	34	3	60	163	37
	often	43	25	76	29	0	0	119	27
	very often	31	18	81	31	1	20	113	26
Total		173	100	259	100	5	100	437	100
Asked for writing advice	never	58	34	64	25	3	60	125	29
	occasionally	64	37	115	44	2	40	181	41
	often	42	24	57	22	0	0	99	23
	very often	8	5	24	9	0	0	32	7
Total		172	100	260	100	5	100	437	100
Prepared major report for class	never	103	60	160	62	3	60	266	61
	occasionally	40	23	71	27	2	40	113	26
	often	20	12	15	6	0	0	35	8
	very often	10	6	14	5	0	0	24	5
Total		173	100	260	100	5	100	438	100



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**Experiences with Faculty**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Asked instructor for course information	never	4	2	2	1	0	0	6	1
	occasionally	68	40	93	36	2	40	163	37
	often	57	33	88	34	3	60	148	34
	very often	43	25	77	30	0	0	120	27
Total		172	100	260	100	5	100	437	100
Discussed academic program with faculty	never	11	6	14	5	0	0	25	6
	occasionally	87	51	114	44	4	80	205	47
	often	46	27	87	33	1	20	134	31
	very often	28	16	45	17	0	0	73	17
Total		172	100	260	100	5	100	437	100
Discussed term paper with faculty	never	29	17	27	10	1	20	57	13
	occasionally	80	47	140	54	2	40	222	51
	often	49	28	70	27	1	20	120	27
	very often	14	8	23	9	1	20	38	9
Total		172	100	260	100	5	100	437	100
Discussed career plans with faculty	never	40	23	55	21	2	40	97	22
	occasionally	90	52	131	50	2	40	223	51
	often	30	17	49	19	0	0	79	18
	very often	12	7	25	10	1	20	38	9
Total		172	100	260	100	5	100	437	100
Worked harder due to instructor feedback	never	15	9	16	6	0	0	31	7
	occasionally	81	47	96	37	2	40	179	41
	often	54	31	100	38	3	60	157	36
	very often	22	13	48	18	0	0	70	16
Total		172	100	260	100	5	100	437	100
Socialized with faculty outside of class	never	69	40	151	58	4	80	224	51
	occasionally	66	38	71	27	1	20	138	32
	often	28	16	23	9	0	0	51	12
	very often	9	5	15	6	0	0	24	5
Total		172	100	260	100	5	100	437	100
Discussed with others outside of class	never	66	38	111	43	2	40	179	41
	occasionally	66	38	109	42	3	60	178	41
	often	26	15	23	9	0	0	49	11
	very often	14	8	17	7	0	0	31	7
Total		172	100	260	100	5	100	437	100
Asked instructor about performance	never	53	31	79	31	2	40	134	31
	occasionally	70	41	120	47	2	40	192	44
	often	36	21	38	15	1	20	75	17
	very often	13	8	21	8	0	0	34	8
Total		172	100	258	100	5	100	435	100
Worked to meet faculty expectations	never	35	20	24	9	2	40	61	14
	occasionally	70	41	102	39	1	20	173	40
	often	42	24	88	34	2	40	132	30
	very often	25	15	46	18	0	0	71	16
Total		172	100	260	100	5	100	437	100
Worked with faculty member on research	never	117	68	191	73	5	100	313	72
	occasionally	29	17	43	17	0	0	72	16
	often	16	9	14	5	0	0	30	7
	very often	10	6	12	5	0	0	22	5
Total		172	100	260	100	5	100	437	100

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**Arts, Music, and Theater Activities**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Talked about art or theater with others	never	56	32	38	15	1	20	95	22
	occasionally	70	40	103	40	2	40	175	40
	often	25	14	59	23	0	0	84	19
	very often	22	13	60	23	2	40	84	19
Total		173	100	260	100	5	100	438	100
Went to exhibit or performance	never	43	25	33	13	1	20	77	18
	occasionally	87	50	137	53	3	60	227	52
	often	26	15	44	17	0	0	70	16
	very often	17	10	46	18	1	20	64	15
Total		173	100	260	100	5	100	438	100
Participated in art or theater activity	never	111	64	140	54	3	60	254	58
	occasionally	37	21	63	24	1	20	101	23
	often	10	6	24	9	0	0	34	8
	very often	15	9	33	13	1	20	49	11
Total		173	100	260	100	5	100	438	100
Talked about music or musicians	never	30	17	20	8	1	20	51	12
	occasionally	50	29	74	29	1	20	125	29
	often	44	25	86	33	1	20	131	30
	very often	49	28	79	31	2	40	130	30
Total		173	100	259	100	5	100	437	100
Attended a concert or other music event	never	29	17	36	14	0	0	65	15
	occasionally	85	49	106	41	5	100	196	45
	often	35	20	67	26	0	0	102	23
	very often	23	13	50	19	0	0	73	17
Total		172	100	259	100	5	100	436	100
Participated in music activity	never	107	62	166	64	4	80	277	64
	occasionally	37	22	40	16	0	0	77	18
	often	10	6	17	7	0	0	27	6
	very often	18	10	35	14	1	20	54	12
Total		172	100	258	100	5	100	435	100
Read or discussed opinions of critics	never	92	53	104	40	0	0	196	45
	occasionally	48	28	99	38	3	60	150	34
	often	15	9	28	11	1	20	44	10
	very often	18	10	29	11	1	20	48	11
Total		173	100	260	100	5	100	438	100

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**Campus Facilities**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a campus lounge to relax or study	never	27	16	43	17	0	0	70	16
	occasionally	70	41	124	48	4	80	198	46
	often	52	30	47	18	1	20	100	23
	very often	23	13	44	17	0	0	67	15
Total		172	100	258	100	5	100	435	100
Met other students for discussion	never	10	6	23	9	2	40	35	8
	occasionally	67	39	80	31	1	20	148	34
	often	58	34	100	39	2	40	160	37
	very often	37	22	55	21	0	0	92	21
Total		172	100	258	100	5	100	435	100
Attended cultural/social event	never	32	19	37	14	1	20	70	16
	occasionally	85	50	122	47	2	40	209	48
	often	42	25	70	27	1	20	113	26
	very often	12	7	28	11	1	20	41	9
Total		171	100	257	100	5	100	433	100
Went to lecture or panel discussion	never	44	26	68	27	2	40	114	26
	occasionally	87	51	141	55	2	40	230	53
	often	31	18	36	14	0	0	67	15
	very often	10	6	11	4	1	20	22	5
Total		172	100	256	100	5	100	433	100
Used a campus learning lab or center	never	78	45	104	40	4	80	186	43
	occasionally	71	41	107	41	1	20	179	41
	often	14	8	32	12	0	0	46	11
	very often	9	5	15	6	0	0	24	6
Total		172	100	258	100	5	100	435	100
Used campus recreational facilities	never	24	14	22	9	0	0	46	11
	occasionally	42	25	80	31	2	40	124	29
	often	39	23	63	24	0	0	102	24
	very often	66	39	93	36	3	60	162	37
Total		171	100	258	100	5	100	434	100
Played a team sport	never	60	35	147	57	3	60	210	48
	occasionally	46	27	41	16	2	40	89	21
	often	24	14	20	8	0	0	44	10
	very often	42	24	49	19	0	0	91	21
Followed regular exercise schedule	never	39	23	79	31	2	40	120	28
	occasionally	42	25	62	24	1	20	105	24
	often	35	21	38	15	1	20	74	17
	very often	54	32	79	31	1	20	134	31
Total		170	100	258	100	5	100	433	100

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**Clubs and Organizations**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Attended a meeting of campus org.	never	20	12	27	10	0	0	47	11
	occasionally	32	18	35	14	0	0	67	15
	often	30	17	32	12	1	20	63	14
	very often	91	53	164	64	4	80	259	59
Total		173	100	258	100	5	100	436	100
Worked on campus committee/organization	never	59	34	81	31	2	40	142	33
	occasionally	43	25	48	19	2	40	93	21
	often	23	13	36	14	0	0	59	14
	very often	48	28	93	36	1	20	142	33
Total		173	100	258	100	5	100	436	100
Worked on off-campus committee/org.	never	89	51	148	58	3	60	240	55
	occasionally	41	24	64	25	2	40	107	25
	often	17	10	19	7	0	0	36	8
	very often	26	15	26	10	0	0	52	12
Total		173	100	257	100	5	100	435	100
Met with faculty to discuss campus group	never	74	43	143	55	3	60	220	50
	occasionally	52	30	61	24	2	40	115	26
	often	32	18	32	12	0	0	64	15
	very often	15	9	22	9	0	0	37	8
Total		173	100	258	100	5	100	436	100
Managed an organization on or off campus	never	63	36	85	33	1	20	149	34
	occasionally	31	18	64	25	1	20	96	22
	often	26	15	35	14	1	20	62	14
	very often	53	31	73	28	2	40	128	29
Total		173	100	257	100	5	100	435	100

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**Personal Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Told friend about reaction to others	never	15	9	5	2	0	0	20	5
	occasionally	63	37	50	19	2	40	115	26
	often	48	28	77	30	1	20	126	29
	very often	45	26	126	49	2	40	173	40
	<b>Total</b>	<b>171</b>	<b>100</b>	<b>258</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>434</b>	<b>100</b>
Discussed why some people get along	never	22	13	13	5	0	0	35	8
	occasionally	53	31	60	23	2	40	115	26
	often	53	31	91	35	3	60	147	34
	very often	43	25	94	36	0	0	137	32
<b>Total</b>	<b>171</b>	<b>100</b>	<b>258</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>434</b>	<b>100</b>	
Asked for help with a personal problem	never	26	15	6	2	1	20	33	8
	occasionally	77	45	68	26	1	20	146	34
	often	38	22	71	28	1	20	110	25
	very often	30	18	113	44	2	40	145	33
<b>Total</b>	<b>171</b>	<b>100</b>	<b>258</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>434</b>	<b>100</b>	
Read about personal growth/self-improve	never	74	43	80	31	2	40	156	36
	occasionally	59	35	102	40	3	60	164	38
	often	19	11	47	18	0	0	66	15
	very often	19	11	27	11	0	0	46	11
<b>Total</b>	<b>171</b>	<b>100</b>	<b>256</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>432</b>	<b>100</b>	
Identified with book/movie/TV character	never	19	11	13	5	0	0	32	7
	occasionally	59	35	86	33	2	40	147	34
	often	57	33	85	33	1	20	143	33
	very often	36	21	74	29	2	40	112	26
<b>Total</b>	<b>171</b>	<b>100</b>	<b>258</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>434</b>	<b>100</b>	
Took test to measure abilities/interests	never	40	23	48	19	2	40	90	21
	occasionally	76	44	139	54	2	40	217	50
	often	36	21	41	16	1	20	78	18
	very often	19	11	30	12	0	0	49	11
<b>Total</b>	<b>171</b>	<b>100</b>	<b>258</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>434</b>	<b>100</b>	
Asked friend his/her opinion of you	never	53	31	53	21	0	0	106	24
	occasionally	72	42	120	47	5	100	197	45
	often	25	15	49	19	0	0	74	17
	very often	21	12	35	14	0	0	56	13
<b>Total</b>	<b>171</b>	<b>100</b>	<b>257</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>433</b>	<b>100</b>	
Talked with F/S about personal concern	never	103	61	142	55	3	60	248	57
	occasionally	47	28	76	29	2	40	125	29
	often	16	9	30	12	0	0	46	11
	very often	4	2	10	4	0	0	14	3
<b>Total</b>	<b>170</b>	<b>100</b>	<b>258</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>433</b>	<b>100</b>	

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**Student Acquaintances**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Acquainted:	never	3	2	1	0	0	0	4	1
students of diff. interests	occasionally	58	34	81	31	2	40	141	32
	often	68	40	106	41	2	40	176	40
	very often	42	25	72	28	1	20	115	26
Total		171	100	260	100	5	100	436	100
Acquainted:	never	3	2	3	1	0	0	6	1
students of diff. background	occasionally	48	28	60	23	2	40	110	25
	often	71	42	108	42	1	20	180	41
	very often	49	29	89	34	2	40	140	32
Total		171	100	260	100	5	100	436	100
Acquainted:	never	2	1	6	2	0	0	8	2
students of diff. age	occasionally	59	35	64	25	3	60	126	29
	often	49	29	105	40	0	0	154	35
	very often	61	36	85	33	2	40	148	34
Total		171	100	260	100	5	100	436	100
Acquainted:	never	4	2	4	2	0	0	8	2
students of diff. race	occasionally	68	40	112	43	4	80	184	42
	often	60	35	87	34	1	20	148	34
	very often	39	23	56	22	0	0	95	22
Total		171	100	259	100	5	100	435	100
Acquainted:	never	11	6	22	8	1	20	34	8
students from other country	occasionally	97	57	142	55	4	80	243	56
	often	28	16	62	24	0	0	90	21
	very often	35	20	34	13	0	0	69	16
Total		171	100	260	100	5	100	436	100
Discussions:	never	19	11	24	9	1	20	44	10
students of diff. values	occasionally	58	34	112	43	4	80	174	40
	often	48	28	78	30	0	0	126	29
	very often	46	27	46	18	0	0	92	21
Total		171	100	260	100	5	100	436	100
Discussions:	never	15	9	49	19	0	0	64	15
students of diff. political	occasionally	69	40	95	37	5	100	169	39
	often	42	25	76	29	0	0	118	27
	very often	45	26	40	15	0	0	85	19
Discussions:	never	25	15	29	11	1	20	55	13
students of diff. religious	occasionally	56	33	118	45	4	80	178	41
	often	44	26	74	28	0	0	118	27
	very often	46	27	39	15	0	0	85	19
Total		171	100	260	100	5	100	436	100
Discussions:	never	22	13	51	20	1	20	74	17
students of diff. race	occasionally	74	43	126	48	2	40	202	46
	often	42	25	52	20	2	40	96	22
	very often	33	19	31	12	0	0	64	15
Total		171	100	260	100	5	100	436	100
Discussions:	never	39	23	100	38	2	40	141	32
students of diff. country	occasionally	82	48	95	37	3	60	180	41
	often	23	14	40	15	0	0	63	14
	very often	26	15	25	10	0	0	51	12
Total		170	100	260	100	5	100	435	100

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**Science and Quantitative Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Memorized formulas/definitions /concepts	never	5	3	10	4	2	40	17	4
	occasionally	36	21	55	21	2	40	93	21
	often	47	27	62	24	1	20	110	25
	very often	83	49	132	51	0	0	215	49
Total		171	100	259	100	5	100	435	100
Expressed relationships using math terms	never	17	10	36	14	3	60	56	13
	occasionally	55	32	104	40	2	40	161	37
	often	40	23	45	17	0	0	85	20
	very often	59	35	74	29	0	0	133	31
Total		171	100	259	100	5	100	435	100
Explained scientific concept to others	never	16	9	41	16	3	60	60	14
	occasionally	64	37	97	37	2	40	163	37
	often	50	29	67	26	0	0	117	27
	very often	41	24	54	21	0	0	95	22
Total		171	100	259	100	5	100	435	100
Read articles about science not assigned	never	59	35	132	51	5	100	196	45
	occasionally	56	33	75	29	0	0	131	30
	often	28	16	32	12	0	0	60	14
	very often	28	16	20	8	0	0	48	11
Total		171	100	259	100	5	100	435	100
Completed an experiment w/sci. methods	never	36	21	58	22	4	80	98	23
	occasionally	61	36	98	38	1	20	160	37
	often	39	23	51	20	0	0	90	21
	very often	35	20	52	20	0	0	87	20
Total		171	100	259	100	5	100	435	100
Practiced using laboratory equipment	never	60	35	111	43	5	100	176	40
	occasionally	59	35	76	29	0	0	135	31
	often	27	16	27	10	0	0	54	12
	very often	25	15	45	17	0	0	70	16
Total		171	100	259	100	5	100	435	100
Showed how to use scientific equipment	never	76	45	127	49	5	100	208	48
	occasionally	53	31	78	30	0	0	131	30
	often	22	13	24	9	0	0	46	11
	very often	19	11	29	11	0	0	48	11
Total		170	100	258	100	5	100	433	100
Explained experimental procedure	never	60	35	86	33	4	80	150	34
	occasionally	64	37	112	43	1	20	177	41
	often	29	17	37	14	0	0	66	15
	very often	18	11	24	9	0	0	42	10
Total		171	100	259	100	5	100	435	100
Compared sci. method with other methods	never	58	34	118	46	5	100	181	42
	occasionally	63	37	97	37	0	0	160	37
	often	32	19	28	11	0	0	60	14
	very often	18	11	16	6	0	0	34	8
Explained scientific basis for concerns	never	49	29	81	31	4	80	134	31
	occasionally	56	33	114	44	0	0	170	39
	often	42	25	37	14	1	20	80	18
	very often	24	14	27	10	0	0	51	12
Total		171	100	259	100	5	100	435	100

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**Topics of Conversation**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Topic: Current events in the news	never	5	3	4	2	0	0	9	2
	occasionally	52	30	114	44	1	20	167	38
	often	60	35	93	36	3	60	156	36
	very often	54	32	48	19	1	20	103	24
Total		171	100	259	100	5	100	435	100
Topic: Social issues--peace, justice, etc	never	11	6	26	10	1	20	38	9
	occasionally	67	39	110	43	2	40	179	41
	often	55	32	86	33	2	40	143	33
	very often	37	22	36	14	0	0	73	17
Total		170	100	258	100	5	100	433	100
Topic: Different lifestyles, etc.	never	12	7	10	4	0	0	22	5
	occasionally	72	42	89	34	4	80	165	38
	often	55	32	110	42	1	20	166	38
	very often	31	18	50	19	0	0	81	19
Total		170	100	259	100	5	100	434	100
Topic: Ideas of writers, etc.	never	24	14	52	20	0	0	76	18
	occasionally	77	46	138	53	4	80	219	51
	often	41	24	49	19	1	20	91	21
	very often	27	16	20	8	0	0	47	11
Total		169	100	259	100	5	100	433	100
Topic: The arts--painting, poetry, etc.	never	36	21	38	15	0	0	74	17
	occasionally	86	50	119	46	3	60	208	48
	often	31	18	55	21	0	0	86	20
	very often	18	11	47	18	2	40	67	15
Total		171	100	259	100	5	100	435	100
Topic: Science--theories, etc.	never	43	25	93	36	5	100	141	33
	occasionally	74	43	105	41	0	0	179	41
	often	32	19	38	15	0	0	70	16
	very often	22	13	21	8	0	0	43	10
Total		171	100	258	100	5	100	434	100
Topic: Computers and other technologies	never	22	13	64	25	2	40	88	20
	occasionally	76	44	132	51	2	40	210	48
	often	45	26	53	21	1	20	99	23
	very often	28	16	9	3	0	0	37	9
Total		171	100	258	100	5	100	434	100
Topic: Social/ethical issues re: science	never	24	14	43	17	0	0	67	15
	occasionally	80	47	123	47	4	80	207	48
	often	42	25	60	23	1	20	103	24
	very often	25	15	33	13	0	0	58	13
Total		171	100	259	100	5	100	435	100
Topic: The economy--employment, etc.	never	18	11	30	12	0	0	48	11
	occasionally	65	38	133	51	3	60	201	46
	often	53	31	72	28	2	40	127	29
	very often	35	20	24	9	0	0	59	14
Total		171	100	259	100	5	100	435	100
Topic: International relations	never	23	13	40	15	1	20	64	15
	occasionally	71	42	127	49	3	60	201	46
	often	44	26	57	22	1	20	102	23
	very often	33	19	35	14	0	0	68	16
Total		171	100	259	100	5	100	435	100



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**Information in Conversations**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Referred to readings or classes	never	5	3	4	2	0	0	9	2
	occasionally	49	29	59	23	2	40	110	26
	often	77	46	117	46	3	60	197	46
	very often	37	22	75	29	0	0	112	26
Total		168	100	255	100	5	100	428	100
Explored different ways of thinking	never	5	3	4	2	0	0	9	2
	occasionally	62	37	106	42	4	80	172	40
	often	78	47	106	42	0	0	184	43
	very often	22	13	39	15	1	20	62	15
Total		167	100	255	100	5	100	427	100
Referred to something instructor said	never	5	3	4	2	0	0	9	2
	occasionally	75	45	96	38	3	60	174	41
	often	62	37	109	43	2	40	173	41
	very often	25	15	46	18	0	0	71	17
Total		167	100	255	100	5	100	427	100
Subsequently read something on a topic	never	15	9	28	11	2	40	45	11
	occasionally	79	47	123	48	1	20	203	48
	often	51	30	77	30	2	40	130	30
	very often	23	14	26	10	0	0	49	11
Total		168	100	254	100	5	100	427	100
Changed opinion because of others	never	21	13	22	9	0	0	43	10
	occasionally	98	58	186	73	5	100	289	68
	often	42	25	31	12	0	0	73	17
	very often	7	4	16	6	0	0	23	5
Total		168	100	255	100	5	100	428	100
Persuaded others to change their minds	never	20	12	23	9	1	20	44	10
	occasionally	89	53	179	70	3	60	271	63
	often	41	25	42	16	1	20	84	20
	very often	17	10	11	4	0	0	28	7
Total		167	100	255	100	5	100	427	100

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**Reading, Writing, and College Opinion**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Number of texts read	none	6	3	0	0	0	0	6	1
	fewer than 5	49	28	42	16	2	40	93	21
	between 5 and 10	62	36	122	47	1	20	185	42
	between 10 and 20	48	28	77	30	2	40	127	29
	more than 20	7	4	19	7	0	0	26	6
Total		172	100	260	100	5	100	437	100
Number of course packets read	none	13	8	16	6	1	20	30	7
	fewer than 5	90	53	110	43	3	60	203	47
	between 5 and 10	35	21	83	32	1	20	119	27
	between 10 and 20	18	11	37	14	0	0	55	13
	more than 20	14	8	12	5	0	0	26	6
Total		170	100	258	100	5	100	433	100
Number of non-assigned books read	none	40	24	50	19	1	20	91	21
	fewer than 5	82	48	142	55	0	0	224	52
	between 5 and 10	29	17	48	19	2	40	79	18
	between 10 and 20	12	7	6	2	2	40	20	5
	more than 20	7	4	11	4	0	0	18	4
Total		170	100	257	100	5	100	432	100
Number of essays written	none	15	9	11	4	0	0	26	6
	fewer than 5	57	34	86	33	2	40	145	33
	between 5 and 10	50	29	88	34	3	60	141	32
	between 10 and 20	27	16	62	24	0	0	89	21
	more than 20	21	12	12	5	0	0	33	8
Total		170	100	259	100	5	100	434	100
Number of term papers written	none	6	4	8	3	0	0	14	3
	fewer than 5	59	35	71	28	2	40	132	31
	between 5 and 10	58	35	93	36	3	60	154	36
	between 10 and 20	29	17	61	24	0	0	90	21
	more than 20	16	10	24	9	0	0	40	9
Total		168	100	257	100	5	100	430	100
Overall opinion of college	low	5	3	1	0	1	20	7	2
	3	6	3	5	2	0	0	11	3
	4	15	9	20	8	1	20	36	8
	5	32	19	40	16	1	20	73	17
	6	48	28	82	32	1	20	131	30
	7	40	23	67	26	0	0	107	25
	high	26	15	43	17	1	20	70	16
Total		172	100	258	100	5	100	435	100

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**Measures of the College Environment**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Env. Emphasis: Scholarship	2	1	0	0	0	0	2	0	
	3	2	1	0	1	25	6	1	
	4	4	6	2	0	0	13	3	
	5	20	19	7	1	25	40	9	
	6	73	95	37	2	50	170	39	
strong emphasis	66	38	139	53	0	0	205	47	
Total	172	100	260	100	4	100	436	100	
Env. Emphasis: Aesthetics	1	1	2	1	0	0	3	1	
	2	8	14	5	0	0	22	5	
	3	20	20	8	2	50	42	10	
	4	30	48	18	2	50	80	18	
	5	55	79	30	0	0	134	31	
	6	41	64	25	0	0	105	24	
strong emphasis	17	10	33	13	0	0	50	11	
Total	172	100	260	100	4	100	436	100	
Env. Emphasis: Analysis	1	1	0	0	0	0	1	0	
	2	3	1	0	2	50	6	1	
	3	3	5	2	0	0	8	2	
	4	16	8	3	1	25	25	6	
	5	43	62	24	1	25	106	24	
	6	69	117	45	0	0	186	43	
strong emphasis	37	22	67	26	0	0	104	24	
Total	172	100	260	100	4	100	436	100	
Env. Emphasis: Diversity	4	2	9	3	0	0	13	3	
	2	12	18	7	1	25	31	7	
	3	28	36	14	2	50	66	15	
	4	34	49	19	0	0	83	19	
	5	38	54	21	1	25	93	21	
	6	34	60	23	0	0	94	22	
strong emphasis	24	14	33	13	0	0	57	13	
Total	174	100	259	100	4	100	437	100	
Env. Emphasis: Info. literacy skills	4	2	5	2	0	0	9	2	
	2	7	9	3	0	0	16	4	
	3	18	18	7	0	0	36	8	
	4	44	50	19	2	50	96	22	
	5	38	80	31	0	0	118	27	
	6	37	64	25	2	50	103	24	
strong emphasis	25	14	33	13	0	0	58	13	
Total	173	100	259	100	4	100	436	100	
Env. Emphasis: Vocational	11	6	14	5	1	25	26	6	
	2	22	26	10	2	50	50	11	
	3	25	39	15	1	25	65	15	
	4	36	57	22	0	0	93	21	
	5	33	62	24	0	0	95	22	
	6	31	41	16	0	0	72	16	
strong emphasis	16	9	20	8	0	0	36	8	
Total	174	100	259	100	4	100	437	100	
Env. Emphasis: Practical courses	8	5	6	2	0	0	14	3	
	2	15	19	7	0	0	34	8	
	3	14	30	12	2	50	46	11	
	4	46	63	24	1	25	110	25	
	5	49	72	28	1	25	122	28	
	6	32	49	19	0	0	81	19	
strong emphasis	10	6	20	8	0	0	30	7	

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**Measures of the College Environment**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Relationships:	competitive	5	3	1	0	0	0	6	1
Other students	2	4	2	7	3	0	0	11	3
	3	8	5	8	3	0	0	16	4
	4	16	9	16	6	0	0	32	7
	5	39	23	45	17	0	0	84	19
	6	57	33	103	40	2	50	162	37
	friendly	43	25	79	31	2	50	124	29
Total		172	100	259	100	4	100	435	100
Relationships:	rigid	12	7	3	1	0	0	15	3
Administrative	2	10	6	22	9	2	50	34	8
personnel	3	18	10	24	9	0	0	42	10
	4	32	18	46	18	0	0	78	18
	5	48	28	76	29	2	50	126	29
	6	38	22	65	25	0	0	103	24
	helpful	15	9	22	9	0	0	37	9
Total		173	100	258	100	4	100	435	100
Relationships:	remote	2	1	0	0	0	0	2	0
Faculty	2	4	2	2	1	0	0	6	1
members	3	7	4	12	5	0	0	19	4
	4	30	17	17	7	1	25	48	11
	5	49	28	70	27	2	50	121	28
	6	57	33	112	43	1	25	170	39
	approachable	24	14	46	18	0	0	70	16
Total		173	100	259	100	4	100	436	100

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**Estimates of Gains**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Vocational preparation	very little	18	10	24	9	1	25	43	10
	some	59	34	91	35	3	75	153	35
	quite a bit	63	37	99	38	0	0	162	37
	very much	32	19	44	17	0	0	76	18
Total		172	100	258	100	4	100	434	100
Gain: Skills for professional career	very little	5	3	11	4	1	25	17	4
	some	42	24	66	26	1	25	109	25
	quite a bit	86	50	126	49	2	50	214	49
	very much	39	23	55	21	0	0	94	22
Total		172	100	258	100	4	100	434	100
Gain: Broad general education	very little	2	1	3	1	0	0	5	1
	some	37	22	56	22	1	25	94	22
	quite a bit	87	51	134	52	2	50	223	52
	very much	45	26	65	25	1	25	111	26
Total		171	100	258	100	4	100	433	100
Gain: Career information	very little	11	6	12	5	1	25	24	6
	some	44	26	62	24	2	50	108	25
	quite a bit	84	49	123	48	1	25	208	48
	very much	32	19	60	23	0	0	92	21
Total		171	100	257	100	4	100	432	100
Gain: Enjoyment of art, music, drama	very little	55	32	55	21	1	25	111	26
	some	63	37	116	45	1	25	180	42
	quite a bit	35	20	47	18	1	25	83	19
	very much	18	11	40	16	1	25	59	14
Total		171	100	258	100	4	100	433	100
Gain: Acquaintance with literature	very little	47	28	51	20	1	25	99	23
	some	68	40	123	48	2	50	193	45
	quite a bit	33	20	54	21	1	25	88	20
	very much	21	12	30	12	0	0	51	12
Total		169	100	258	100	4	100	431	100
Gain: Understanding history	very little	31	18	49	19	2	50	82	19
	some	60	36	130	51	0	0	190	44
	quite a bit	47	28	59	23	1	25	107	25
	very much	31	18	19	7	1	25	51	12
Total		169	100	258	100	4	100	431	100
Gain: Knowledge about world	very little	29	17	76	29	2	50	107	25
	some	69	41	107	41	1	25	177	41
	quite a bit	48	28	47	18	0	0	95	22
	very much	23	14	28	11	1	25	52	12
Total		169	100	258	100	4	100	431	100
Gain: Writing effectively	very little	13	8	8	3	1	25	22	5
	some	46	27	82	32	1	25	129	30
	quite a bit	69	41	107	42	2	50	178	41
	very much	41	24	60	23	0	0	101	23
Total		169	100	257	100	4	100	430	100
Gain: Speaking effectively	very little	8	5	15	6	1	25	24	6
	some	52	31	73	28	1	25	126	29
	quite a bit	73	43	119	46	2	50	194	45
	very much	37	22	51	20	0	0	88	20
Total		170	100	258	100	4	100	432	100
Gain: Using computers, other info tech	very little	16	10	13	5	1	25	30	7
	some	55	33	93	36	1	25	149	35
	quite a bit	55	33	101	39	2	50	158	37
	very much	42	25	51	20	0	0	93	22
Total		168	100	258	100	4	100	430	100

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**Estimates of Gains**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Awareness of other philosophies	very little	16	9	18	7	0	0	34	8
	some	57	34	104	40	4	100	165	38
	quite a bit	56	33	94	36	0	0	150	35
	very much	40	24	42	16	0	0	82	19
Total		169	100	258	100	4	100	431	100
Gain: Values and ethical standards	very little	19	11	15	6	0	0	34	8
	some	50	30	64	25	2	50	116	27
	quite a bit	55	33	117	45	2	50	174	40
	very much	45	27	62	24	0	0	107	25
Total		169	100	258	100	4	100	431	100
Gain: Understanding self	very little	7	4	3	1	0	0	10	2
	some	36	21	52	20	0	0	88	20
	quite a bit	69	41	127	49	3	75	199	46
	very much	58	34	76	29	1	25	135	31
Gain: Getting along with others	very little	12	7	11	4	0	0	23	5
	some	40	24	56	22	3	75	99	23
	quite a bit	69	41	117	45	0	0	186	43
	very much	49	29	74	29	1	25	124	29
Total		170	100	258	100	4	100	432	100
Gain: Functioning as a team member	very little	14	8	8	3	1	25	23	5
	some	52	31	73	28	2	50	127	29
	quite a bit	56	33	104	40	0	0	160	37
	very much	48	28	73	28	1	25	122	28
Total		170	100	258	100	4	100	432	100
Gain: Personal health habits and fitness	very little	29	17	35	14	1	25	65	15
	some	50	30	93	36	2	50	145	34
	quite a bit	57	34	79	31	0	0	136	32
	very much	32	19	51	20	1	25	84	20
Total		168	100	258	100	4	100	430	100
Gain: Understanding science	very little	23	14	52	20	2	50	77	18
	some	66	39	102	40	2	50	170	39
	quite a bit	51	30	64	25	0	0	115	27
	very much	30	18	40	16	0	0	70	16
Total		170	100	258	100	4	100	432	100
Gain: Understanding new technology	very little	20	12	70	27	3	75	93	22
	some	75	44	101	39	1	25	177	41
	quite a bit	50	29	54	21	0	0	104	24
	very much	25	15	33	13	0	0	58	13
Total		170	100	258	100	4	100	432	100
Gain: Consequences of science, tech.	very little	20	12	66	26	3	75	89	21
	some	70	41	109	42	0	0	179	41
	quite a bit	51	30	57	22	1	25	109	25
	very much	29	17	26	10	0	0	55	13
Total		170	100	258	100	4	100	432	100
Gain: Thinking analytically	very little	4	2	8	3	1	25	13	3
	some	33	19	78	30	1	25	112	26
	quite a bit	76	45	114	44	2	50	192	45
	very much	57	34	57	22	0	0	114	26
Total		170	100	257	100	4	100	431	100
Gain: Analyzing quantitative problems	very little	10	6	37	14	4	100	51	12
	some	53	31	105	41	0	0	158	37
	quite a bit	73	43	79	31	0	0	152	35
	very much	34	20	36	14	0	0	70	16
Total		170	100	257	100	4	100	431	100

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**Estimates of Gains**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Synthesizing ideas	very little	4	2	5	2	0	0	9	2
	some	43	25	75	29	3	75	121	28
	quite a bit	78	46	120	47	1	25	199	46
	very much	44	26	58	22	0	0	102	24
Total		169	100	258	100	4	100	431	100
Gain: Learning on one's own	very little	7	4	4	2	1	25	12	3
	some	45	26	52	20	1	25	98	23
	quite a bit	66	39	118	46	2	50	186	43
	very much	52	31	83	32	0	0	135	31
Total		170	100	257	100	4	100	431	100
Gain: Adapting to change	very little	8	5	5	2	0	0	13	3
	some	53	31	69	27	2	50	124	29
	quite a bit	67	39	108	42	2	50	177	41
	very much	42	25	75	29	0	0	117	27
Total		170	100	257	100	4	100	431	100

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Additional question #1	response A	2	1	1	0	0	0	3	1
	response B	1	1	7	3	0	0	8	2
	response C	30	20	46	19	0	0	76	19
	response D	90	59	166	67	3	75	259	64
	response E	29	19	27	11	1	25	57	14
Total		152	100	247	100	4	100	403	100
Additional question #2	response A	35	23	66	27	0	0	101	25
	response B	34	22	66	27	2	50	102	25
	response C	30	20	53	22	0	0	83	21
	response D	23	15	31	13	1	25	55	14
	response E	30	20	30	12	1	25	61	15
Total		152	100	246	100	4	100	402	100
Additional question #3	response A	26	17	22	9	1	25	49	12
	response B	38	25	64	26	1	25	103	26
	response C	44	29	77	31	0	0	121	30
	response D	21	14	51	21	1	25	73	18
	response E	23	15	31	13	1	25	55	14
Total		152	100	245	100	4	100	401	100
Additional question #4	response A	30	20	32	13	0	0	62	15
	response B	74	49	141	57	2	50	217	54
	response C	41	27	56	23	2	50	99	25
	response D	5	3	16	6	0	0	21	5
	response E	2	1	2	1	0	0	4	1
Total		152	100	247	100	4	100	403	100
Additional question #5	response A	37	30	34	18	0	0	71	22
	response B	35	28	31	16	1	33	67	21
	response C	12	10	26	14	1	33	39	12
	response D	26	21	74	39	1	33	101	32
	response E	15	12	27	14	0	0	42	13
Total		125	100	192	100	3	100	320	100
Additional question #6	response A	33	32	34	20	0	0	67	24
	response B	32	31	87	51	1	33	120	44
	response C	20	19	29	17	1	33	50	18
	response D	15	15	17	10	1	33	33	12
	response E	3	3	2	1	0	0	5	2
Total		103	100	169	100	3	100	275	100
Additional question #7	response A	17	11	40	16	0	0	57	14
	response B	49	32	85	35	1	25	135	34
	response C	59	39	86	35	2	50	147	37
	response D	15	10	29	12	0	0	44	11
	response E	12	8	6	2	1	25	19	5
Total		152	100	246	100	4	100	402	100
Additional question #8	response A	12	8	14	6	1	25	27	7
	response B	36	24	50	20	0	0	86	21
	response C	50	33	90	36	2	50	142	35
	response D	30	20	68	28	1	25	99	25
	response E	24	16	25	10	0	0	49	12
Total		152	100	247	100	4	100	403	100
Additional question #9	response A	39	26	47	19	2	50	88	22
	response B	29	19	57	23	0	0	86	21
	response C	43	28	63	26	0	0	106	26
	response D	25	16	54	22	1	25	80	20
	response E	16	11	26	11	1	25	43	11



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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		152	100	247	100	4	100	403	100
Additional question #10	response A	45	30	55	22	0	0	100	25
	response B	49	32	97	40	2	67	148	37
	response C	40	26	68	28	0	0	108	27
	response D	14	9	19	8	1	33	34	9
	response E	3	2	6	2	0	0	9	2
Total		151	100	245	100	3	100	399	100
Additional question #11	response A	49	32	98	40	0	0	147	37
	response B	67	44	110	45	2	50	179	45
	response C	28	19	32	13	1	25	61	15
	response D	6	4	3	1	1	25	10	3
	response E	1	1	2	1	0	0	3	1
Total		151	100	245	100	4	100	400	100
Additional question #12	response A	33	22	49	21	1	25	83	21
	response B	47	32	69	29	3	75	119	31
	response C	40	27	87	37	0	0	127	33
	response D	21	14	28	12	0	0	49	13
	response E	7	5	5	2	0	0	12	3
Total		148	100	238	100	4	100	390	100
Additional question #13	response A	33	23	39	16	0	0	72	19
	response B	51	35	91	38	4	100	146	38
	response C	37	26	80	34	0	0	117	30
	response D	20	14	24	10	0	0	44	11
	response E	4	3	3	1	0	0	7	2
Total		145	100	237	100	4	100	386	100
Additional question #14	response A	54	36	27	11	0	0	81	21
	response B	40	27	60	25	1	25	101	26
	response C	34	23	90	38	2	50	126	32
	response D	17	11	50	21	1	25	68	17
	response E	3	2	10	4	0	0	13	3
Total		148	100	237	100	4	100	389	100
Additional question #15	response A	35	23	27	11	0	0	62	16
	response B	43	29	48	20	0	0	91	23
	response C	48	32	71	30	1	25	120	31
	response D	21	14	70	30	2	50	93	24
	response E	2	1	21	9	1	25	24	6
Total		149	100	237	100	4	100	390	100
Additional question #16	response A	16	11	47	20	0	0	63	16
	response B	35	23	77	32	0	0	112	29
	response C	60	40	77	32	3	75	140	36
	response D	35	23	31	13	1	25	67	17
	response E	3	2	6	3	0	0	9	2
Total		149	100	238	100	4	100	391	100
Additional question #17	response A	16	11	46	19	0	0	62	16
	response B	51	34	100	42	0	0	151	39
	response C	50	34	66	28	2	50	118	30
	response D	29	19	26	11	2	50	57	15
	response E	3	2	0	0	0	0	3	1
Total		149	100	238	100	4	100	391	100
Additional question #18	response A	21	14	47	20	0	0	68	17
	response B	21	14	35	15	0	0	56	14
	response C	32	21	68	29	2	50	102	26
	response D	47	32	55	23	2	50	104	27
	response E	28	19	32	14	0	0	60	15

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		149	100	237	100	4	100	390	100
Additional question #19	response A	17	11	37	16	0	0	54	14
	response B	45	30	80	34	1	25	126	32
	response C	50	34	81	34	2	50	133	34
	response D	24	16	37	16	1	25	62	16
	response E	12	8	3	1	0	0	15	4
Total		148	100	238	100	4	100	390	100
Additional question #20	response A	27	18	37	16	0	0	64	16
	response B	84	57	148	62	3	75	235	60
	response C	30	20	44	18	1	25	75	19
	response D	5	3	7	3	0	0	12	3
	response E	2	1	2	1	0	0	4	1
Total		148	100	238	100	4	100	390	100

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**Library Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used the library to study	Sex of student	Male	177	177	2.44	1.049	.079
		Female	260	260	2.29	.924	.057
		Missing	5	4	2.25	.500	.250
	Group Total		442	441	2.35	.975	.046
Found something interesting browsing	Sex of student	Male	177	177	1.92	.865	.065
		Female	260	260	1.80	.730	.045
		Missing	5	4	1.75	.500	.250
	Group Total		442	441	1.84	.787	.037
Asked a librarian/staff member for help	Sex of student	Male	177	176	1.78	.700	.053
		Female	260	260	1.87	.709	.044
		Missing	5	4	1.75	.500	.250
	Group Total		442	440	1.83	.704	.034
Read assigned material not texts	Sex of student	Male	177	177	2.11	.808	.061
		Female	260	260	2.12	.857	.053
		Missing	5	4	2.25	.500	.250
	Group Total		442	441	2.12	.834	.040
Used index or database to find material	Sex of student	Male	177	176	2.70	.878	.066
		Female	260	259	3.07	.764	.047
		Missing	5	4	3.00	.816	.408
	Group Total		442	439	2.92	.831	.040
Wrote bibliography for a term paper	Sex of student	Male	177	177	2.61	.917	.069
		Female	260	259	2.93	.880	.055
		Missing	5	4	2.75	.957	.479
	Group Total		442	440	2.80	.907	.043
Gone back to read basic reference	Sex of student	Male	177	177	1.74	.784	.059
		Female	260	259	1.66	.831	.052
		Missing	5	4	1.75	.500	.250
	Group Total		442	440	1.69	.809	.039
Made a judgment about quality of info.	Sex of student	Male	177	176	2.58	.941	.071
		Female	260	260	2.58	.924	.057
		Missing	5	4	2.00	.816	.408
	Group Total		442	440	2.58	.930	.044

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**Computer and Information Technology Activities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used computer/word processor for paper	Sex of student	Male	177	176	3.72	.604	.046
		Female	260	260	3.92	.294	.018
		Missing	5	4	3.75	.500	.250
	Group Total		442	440	3.84	.457	.022
Used e-mail to communicate with class	Sex of student	Male	177	176	3.66	.630	.048
		Female	260	260	3.88	.373	.023
		Missing	5	4	3.75	.500	.250
	Group Total		442	440	3.79	.504	.024
Used computer tutorial to learn material	Sex of student	Male	177	176	2.06	.975	.073
		Female	260	260	2.24	1.016	.063
		Missing	5	4	1.75	.957	.479
	Group Total		442	440	2.16	1.001	.048
Joined in electronic class discussions	Sex of student	Male	177	176	2.02	1.003	.076
		Female	260	260	2.02	.966	.060
		Missing	5	4	2.00	.816	.408
	Group Total		442	440	2.02	.978	.047
Searched Internet for course material	Sex of student	Male	177	176	3.44	.812	.061
		Female	260	260	3.66	.623	.039
		Missing	5	4	3.50	1.000	.500
	Group Total		442	440	3.57	.714	.034
Retrieved off-campus library materials	Sex of student	Male	177	176	2.22	1.095	.083
		Female	260	259	2.14	1.047	.065
		Missing	5	4	2.00	1.155	.577
	Group Total		442	439	2.17	1.066	.051
Made visual displays with computer	Sex of student	Male	177	176	2.84	.937	.071
		Female	260	260	2.82	.897	.056
		Missing	5	4	2.50	1.000	.500
	Group Total		442	440	2.83	.912	.044
Used a computer to analyze data	Sex of student	Male	177	176	2.56	.942	.071
		Female	260	259	2.37	.969	.060
		Missing	5	4	1.50	.577	.289
	Group Total		442	439	2.44	.963	.046
Developed Web page, multimedia present.	Sex of student	Male	177	176	2.14	.934	.070
		Female	260	260	2.05	.846	.052
		Missing	5	4	1.75	.957	.479
	Group Total		442	440	2.08	.883	.042

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**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Completed assigned readings	Sex of student	Male	177	175	3.18	.774	.058
		Female	260	260	3.42	.701	.043
		Missing	5	5	3.00	1.000	.447
	Group Total		442	440	3.32	.742	.035
Took detailed class notes	Sex of student	Male	177	176	3.26	.762	.057
		Female	260	259	3.72	.528	.033
		Missing	5	5	3.60	.894	.400
	Group Total		442	440	3.53	.674	.032
Contributed to class discussions	Sex of student	Male	177	175	3.02	.871	.066
		Female	260	257	3.01	.838	.052
		Missing	5	5	3.00	.707	.316
	Group Total		442	437	3.01	.849	.041
Developed role play/case study for class	Sex of student	Male	177	176	1.91	.830	.063
		Female	260	260	1.83	.853	.053
		Missing	5	5	1.00	.000	.000
	Group Total		442	441	1.85	.844	.040
Put together different facts and ideas	Sex of student	Male	177	176	3.10	.776	.058
		Female	260	259	2.98	.782	.049
		Missing	5	5	3.00	.707	.316
	Group Total		442	440	3.03	.779	.037
Summarized major points and information	Sex of student	Male	177	173	2.86	.840	.064
		Female	260	260	3.06	.806	.050
		Missing	5	5	3.00	1.000	.447
	Group Total		442	438	2.98	.825	.039
Worked with others on class project	Sex of student	Male	177	173	2.97	.835	.063
		Female	260	260	3.17	.786	.049
		Missing	5	5	2.80	.447	.200
	Group Total		442	438	3.08	.808	.039
Applied class material to other areas	Sex of student	Male	177	173	2.88	.794	.060
		Female	260	260	2.97	.812	.050
		Missing	5	5	3.00	.707	.316
	Group Total		442	438	2.93	.803	.038
Used info. from other areas in class	Sex of student	Male	177	172	2.78	.862	.066
		Female	260	260	2.92	.779	.048
		Missing	5	5	3.00	1.000	.447
	Group Total		442	437	2.87	.816	.039
Explained course material to others	Sex of student	Male	177	173	2.98	.792	.060
		Female	260	259	3.05	.756	.047
		Missing	5	5	2.80	.837	.374
	Group Total		442	437	3.02	.771	.037

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**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Worked on project integrating ideas	Sex of student	Male	177	172	3.15	.817	.062
		Female	260	259	3.24	.730	.045
		Missing	5	5	3.00	1.000	.447
	Group Total		442	436	3.20	.768	.037

**Writing Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used a dictionary or thesaurus	Sex of student	Male	177	173	2.77	.949	.072
		Female	260	260	3.05	.875	.054
		Missing	5	5	2.80	1.095	.490
	Group Total		442	438	2.94	.915	.044
Thought about grammar, etc while writing	Sex of student	Male	177	173	3.24	.813	.062
		Female	260	260	3.52	.660	.041
		Missing	5	5	3.60	.548	.245
	Group Total		442	438	3.41	.735	.035
Asked others to read your writing	Sex of student	Male	177	173	2.55	.930	.071
		Female	260	260	2.97	.881	.055
		Missing	5	5	2.40	.548	.245
	Group Total		442	438	2.80	.920	.044
Referred to a style manual	Sex of student	Male	177	173	2.30	.966	.073
		Female	260	260	2.76	.920	.057
		Missing	5	5	2.00	.707	.316
	Group Total		442	438	2.57	.963	.046
Revised a paper two or more times	Sex of student	Male	177	173	2.46	.955	.073
		Female	260	259	2.86	.930	.058
		Missing	5	5	2.20	1.095	.490
	Group Total		442	437	2.69	.961	.046
Asked for writing advice	Sex of student	Male	177	172	2.00	.879	.067
		Female	260	260	2.16	.902	.056
		Missing	5	5	1.40	.548	.245
	Group Total		442	437	2.09	.894	.043
Prepared major report for class	Sex of student	Male	177	173	1.64	.902	.069
		Female	260	260	1.55	.830	.051
		Missing	5	5	1.40	.548	.245
	Group Total		442	438	1.58	.856	.041

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**Experiences with Faculty**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Asked instructor for course information	Sex of student	Male	177	172	2.81	.840	.064
		Female	260	260	2.92	.825	.051
		Missing	5	5	2.60	.548	.245
	Group Total		442	437	2.87	.830	.040
Discussed academic program with faculty	Sex of student	Male	177	172	2.53	.841	.064
		Female	260	260	2.63	.831	.052
		Missing	5	5	2.20	.447	.200
	Group Total		442	437	2.58	.833	.040
Discussed term paper with faculty	Sex of student	Male	177	172	2.28	.840	.064
		Female	260	260	2.34	.782	.049
		Missing	5	5	2.40	1.140	.510
	Group Total		442	437	2.32	.808	.039
Discussed career plans with faculty	Sex of student	Male	177	172	2.08	.827	.063
		Female	260	260	2.17	.871	.054
		Missing	5	5	2.00	1.225	.548
	Group Total		442	437	2.13	.857	.041
Worked harder due to instructor feedback	Sex of student	Male	177	172	2.48	.827	.063
		Female	260	260	2.69	.841	.052
		Missing	5	5	2.60	.548	.245
	Group Total		442	437	2.61	.838	.040
Socialized with faculty outside of class	Sex of student	Male	177	172	1.87	.872	.066
		Female	260	260	1.62	.872	.054
		Missing	5	5	1.20	.447	.200
	Group Total		442	437	1.71	.877	.042
Discussed with others outside of class	Sex of student	Male	177	172	1.93	.928	.071
		Female	260	260	1.79	.858	.053
		Missing	5	5	1.60	.548	.245
	Group Total		442	437	1.84	.885	.042
Asked instructor about performance	Sex of student	Male	177	172	2.05	.907	.069
		Female	260	258	2.00	.884	.055
		Missing	5	5	1.80	.837	.374
	Group Total		442	435	2.02	.891	.043
Worked to meet faculty expectations	Sex of student	Male	177	172	2.33	.962	.073
		Female	260	260	2.60	.884	.055
		Missing	5	5	2.00	1.000	.447
	Group Total		442	437	2.49	.925	.044
Worked with faculty member on research	Sex of student	Male	177	172	1.53	.888	.068
		Female	260	260	1.41	.793	.049
		Missing	5	5	1.00	.000	.000
	Group Total		442	437	1.45	.830	.040

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**Arts, Music, and Theater Activities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Talked about art or theater with others	Sex of student	Male	177	173	2.08	.988	.075
		Female	260	260	2.54	1.003	.062
		Missing	5	5	2.60	1.342	.600
	Group Total		442	438	2.36	1.025	.049
Went to exhibit or performance	Sex of student	Male	177	173	2.10	.887	.067
		Female	260	260	2.40	.922	.057
		Missing	5	5	2.20	1.095	.490
	Group Total		442	438	2.28	.920	.044
Participated in art or theater activity	Sex of student	Male	177	173	1.59	.940	.071
		Female	260	260	1.81	1.052	.065
		Missing	5	5	1.80	1.304	.583
	Group Total		442	438	1.72	1.015	.048
Talked about music or musicians	Sex of student	Male	177	173	2.65	1.072	.081
		Female	260	259	2.86	.941	.058
		Missing	5	5	2.80	1.304	.583
	Group Total		442	437	2.78	1.002	.048
Attended a concert or other music event	Sex of student	Male	177	172	2.30	.906	.069
		Female	260	259	2.51	.958	.060
		Missing	5	5	2.00	.000	.000
	Group Total		442	436	2.42	.937	.045
Participated in music activity	Sex of student	Male	177	172	1.65	.989	.075
		Female	260	258	1.69	1.078	.067
		Missing	5	5	1.60	1.342	.600
	Group Total		442	435	1.67	1.045	.050
Read or discussed opinions of critics	Sex of student	Male	177	173	1.76	.992	.075
		Female	260	260	1.93	.976	.061
		Missing	5	5	2.60	.894	.400
	Group Total		442	438	1.87	.986	.047



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**Campus Facilities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used a campus lounge to relax or study	Sex of student	Male	177	172	2.41	.910	.069
		Female	260	258	2.36	.953	.059
		Missing	5	5	2.20	.447	.200
	Group Total		442	435	2.38	.931	.045
Met other students for discussion	Sex of student	Male	177	172	2.71	.870	.066
		Female	260	258	2.72	.898	.056
		Missing	5	5	2.00	1.000	.447
	Group Total		442	435	2.71	.890	.043
Attended cultural/social event	Sex of student	Male	177	171	2.20	.823	.063
		Female	260	257	2.35	.857	.053
		Missing	5	5	2.40	1.140	.510
	Group Total		442	433	2.29	.848	.041
Went to lecture or panel discussion	Sex of student	Male	177	172	2.04	.819	.062
		Female	260	256	1.96	.761	.048
		Missing	5	5	2.00	1.225	.548
	Group Total		442	433	1.99	.789	.038
Used a campus learning lab or center	Sex of student	Male	177	172	1.73	.823	.063
		Female	260	258	1.84	.858	.053
		Missing	5	5	1.20	.447	.200
	Group Total		442	435	1.79	.843	.040
Used campus recreational facilities	Sex of student	Male	177	171	2.86	1.086	.083
		Female	260	258	2.88	1.001	.062
		Missing	5	5	3.20	1.095	.490
	Group Total		442	434	2.88	1.034	.050
Played a team sport	Sex of student	Male	177	172	2.28	1.181	.090
		Female	260	257	1.89	1.185	.074
		Missing	5	5	1.40	.548	.245
	Group Total		442	434	2.04	1.194	.057
Followed regular exercise schedule	Sex of student	Male	177	170	2.61	1.157	.089
		Female	260	258	2.45	1.216	.076
		Missing	5	5	2.20	1.304	.583
	Group Total		442	433	2.51	1.194	.057

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**Clubs and Organizations**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Attended a meeting of campus org.	Sex of student	Male	177	173	3.11	1.081	.082
		Female	260	258	3.29	1.053	.066
		Missing	5	5	3.80	.447	.200
	Group Total		442	436	3.22	1.063	.051
Worked on campus committee/organization	Sex of student	Male	177	173	2.35	1.213	.092
		Female	260	258	2.55	1.266	.079
		Missing	5	5	2.00	1.225	.548
	Group Total		442	436	2.46	1.247	.060
Worked on off-campus committee/org.	Sex of student	Male	177	173	1.88	1.099	.084
		Female	260	257	1.70	.984	.061
		Missing	5	5	1.40	.548	.245
	Group Total		442	435	1.77	1.031	.049
Met with faculty to discuss campus group	Sex of student	Male	177	173	1.93	.980	.075
		Female	260	258	1.74	.978	.061
		Missing	5	5	1.40	.548	.245
	Group Total		442	436	1.81	.979	.047
Managed an organization on or off campus	Sex of student	Male	177	173	2.40	1.261	.096
		Female	260	257	2.37	1.212	.076
		Missing	5	5	2.80	1.304	.583
	Group Total		442	435	2.39	1.231	.059

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**Personal Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Told friend about reaction to others	Sex of student	Male	177	171	2.72	.953	.073
		Female	260	258	3.26	.835	.052
		Missing	5	5	3.00	1.000	.447
	Group Total		442	434	3.04	.921	.044
Discussed why some people get along	Sex of student	Male	177	171	2.68	.991	.076
		Female	260	258	3.03	.895	.056
		Missing	5	5	2.60	.548	.245
	Group Total		442	434	2.89	.945	.045
Asked for help with a personal problem	Sex of student	Male	177	171	2.42	.951	.073
		Female	260	258	3.13	.884	.055
		Missing	5	5	2.80	1.304	.583
	Group Total		442	434	2.85	.976	.047
Read about personal growth/self-improve	Sex of student	Male	177	171	1.90	.992	.076
		Female	260	256	2.08	.956	.060
		Missing	5	5	1.60	.548	.245
	Group Total		442	432	2.00	.971	.047
Identified with book/movie/TV character	Sex of student	Male	177	171	2.64	.937	.072
		Female	260	258	2.85	.896	.056
		Missing	5	5	3.00	1.000	.447
	Group Total		442	434	2.77	.917	.044
Took test to measure abilities/interests	Sex of student	Male	177	171	2.20	.924	.071
		Female	260	258	2.21	.878	.055
		Missing	5	5	1.80	.837	.374
	Group Total		442	434	2.20	.895	.043
Asked friend his/her opinion of you	Sex of student	Male	177	171	2.08	.973	.074
		Female	260	257	2.26	.938	.058
		Missing	5	5	2.00	.000	.000
	Group Total		442	433	2.18	.949	.046
Talked with F/S about personal concern	Sex of student	Male	177	170	1.54	.763	.058
		Female	260	258	1.64	.835	.052
		Missing	5	5	1.40	.548	.245
	Group Total		442	433	1.60	.805	.039

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**Student Acquaintances**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Acquainted: students of diff. interests	Sex of student	Male	177	171	2.87	.801	.061
		Female	260	260	2.96	.777	.048
		Missing	5	5	2.80	.837	.374
	Group Total		442	436	2.92	.787	.038
Acquainted: students of diff. background	Sex of student	Male	177	171	2.97	.800	.061
		Female	260	260	3.09	.783	.049
		Missing	5	5	3.00	1.000	.447
	Group Total		442	436	3.04	.793	.038
Acquainted: students of diff. age	Sex of student	Male	177	171	2.99	.868	.066
		Female	260	260	3.03	.817	.051
		Missing	5	5	2.80	1.095	.490
	Group Total		442	436	3.01	.839	.040
Acquainted: students of diff. race	Sex of student	Male	177	171	2.78	.822	.063
		Female	260	259	2.75	.807	.050
		Missing	5	5	2.20	.447	.200
	Group Total		442	435	2.76	.811	.039
Acquainted: students from other country	Sex of student	Male	177	171	2.51	.890	.068
		Female	260	260	2.42	.822	.051
		Missing	5	5	1.80	.447	.200
	Group Total		442	436	2.44	.849	.041
Discussions: students of diff. values	Sex of student	Male	177	171	2.71	.986	.075
		Female	260	260	2.56	.888	.055
		Missing	5	5	1.80	.447	.200
	Group Total		442	436	2.61	.929	.045
Discussions: students of diff. political	Sex of student	Male	177	171	2.68	.961	.073
		Female	260	260	2.41	.965	.060
		Missing	5	5	2.00	.000	.000
	Group Total		442	436	2.51	.967	.046
Discussions: students of diff. religious	Sex of student	Male	177	171	2.65	1.032	.079
		Female	260	260	2.47	.881	.055
		Missing	5	5	1.80	.447	.200
	Group Total		442	436	2.53	.945	.045
Discussions: students of diff. race	Sex of student	Male	177	171	2.50	.948	.072
		Female	260	260	2.24	.904	.056
		Missing	5	5	2.20	.837	.374
	Group Total		442	436	2.34	.928	.044
Discussions: students of diff. country	Sex of student	Male	177	170	2.21	.968	.074
		Female	260	260	1.96	.962	.060
		Missing	5	5	1.60	.548	.245
	Group Total		442	435	2.06	.968	.046

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**Science and Quantitative Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Memorized formulas/definitions/concepts	Sex of student	Male	177	171	3.22	.878	.067
		Female	260	259	3.22	.912	.057
		Missing	5	5	1.80	.837	.374
	Group Total		442	435	3.20	.908	.044
Expressed relationships using math terms	Sex of student	Male	177	171	2.82	1.020	.078
		Female	260	259	2.61	1.045	.065
		Missing	5	5	1.40	.548	.245
	Group Total		442	435	2.68	1.044	.050
Explained scientific concept to others	Sex of student	Male	177	171	2.68	.943	.072
		Female	260	259	2.52	.994	.062
		Missing	5	5	1.40	.548	.245
	Group Total		442	435	2.57	.980	.047
Read articles about science not assigned	Sex of student	Male	177	171	2.15	1.072	.082
		Female	260	259	1.77	.944	.059
		Missing	5	5	1.00	.000	.000
	Group Total		442	435	1.91	1.012	.049
Completed an experiment w/sci. methods	Sex of student	Male	177	171	2.43	1.040	.080
		Female	260	259	2.37	1.043	.065
		Missing	5	5	1.20	.447	.200
	Group Total		442	435	2.38	1.044	.050
Practiced using laboratory equipment	Sex of student	Male	177	171	2.10	1.044	.080
		Female	260	259	2.02	1.110	.069
		Missing	5	5	1.00	.000	.000
	Group Total		442	435	2.04	1.083	.052
Showed how to use scientific equipment	Sex of student	Male	177	170	1.91	1.010	.077
		Female	260	258	1.83	1.004	.063
		Missing	5	5	1.00	.000	.000
	Group Total		442	433	1.85	1.005	.048
Explained experimental procedure	Sex of student	Male	177	171	2.03	.973	.074
		Female	260	259	2.00	.921	.057
		Missing	5	5	1.20	.447	.200
	Group Total		442	435	2.00	.941	.045
Compared sci. method with other methods	Sex of student	Male	177	171	2.06	.974	.075
		Female	260	259	1.78	.874	.054
		Missing	5	5	1.00	.000	.000
	Group Total		442	435	1.88	.924	.044
Explained scientific basis for concerns	Sex of student	Male	177	171	2.24	1.021	.078
		Female	260	259	2.04	.935	.058
		Missing	5	5	1.40	.894	.400
	Group Total		442	435	2.11	.975	.047

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**Topics of Conversation**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Topic: Current events in the news	Sex of student	Male	177	171	2.95	.860	.066
		Female	260	259	2.71	.780	.048
		Missing	5	5	3.00	.707	.316
	Group Total		442	435	2.81	.818	.039
Topic: Social issues--peace,justice, etc	Sex of student	Male	177	170	2.69	.884	.068
		Female	260	258	2.51	.856	.053
		Missing	5	5	2.20	.837	.374
	Group Total		442	433	2.58	.871	.042
Topic: Different lifestyles, etc.	Sex of student	Male	177	170	2.62	.864	.066
		Female	260	259	2.77	.801	.050
		Missing	5	5	2.20	.447	.200
	Group Total		442	434	2.71	.827	.040
Topic: Ideas of writers, etc.	Sex of student	Male	177	169	2.42	.923	.071
		Female	260	259	2.14	.825	.051
		Missing	5	5	2.20	.447	.200
	Group Total		442	433	2.25	.871	.042
Topic: The arts--painting, poetry, etc.	Sex of student	Male	177	171	2.18	.886	.068
		Female	260	259	2.43	.951	.059
		Missing	5	5	2.80	1.095	.490
	Group Total		442	435	2.34	.934	.045
Topic: Science--theories, etc.	Sex of student	Male	177	171	2.19	.960	.073
		Female	260	257	1.95	.915	.057
		Missing	5	5	1.00	.000	.000
	Group Total		442	433	2.03	.941	.045
Topic: Computers and other technologies	Sex of student	Male	177	171	2.46	.916	.070
		Female	260	258	2.03	.771	.048
		Missing	5	5	1.80	.837	.374
	Group Total		442	434	2.20	.857	.041
Topic: Social/ethical issues re: science	Sex of student	Male	177	171	2.40	.904	.069
		Female	260	259	2.32	.899	.056
		Missing	5	5	2.20	.447	.200
	Group Total		442	435	2.35	.897	.043
Topic: The economy--employment, etc.	Sex of student	Male	177	171	2.61	.928	.071
		Female	260	259	2.35	.804	.050
		Missing	5	5	2.40	.548	.245
	Group Total		442	435	2.45	.861	.041
Topic: International relations	Sex of student	Male	177	171	2.51	.954	.073
		Female	260	259	2.34	.897	.056
		Missing	5	5	2.00	.707	.316
	Group Total		442	435	2.40	.921	.044

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**Information in Conversations**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Referred to readings or classes	Sex of student	Male	177	168	2.87	.786	.061
		Female	260	255	3.03	.768	.048
		Missing	5	5	2.60	.548	.245
	Group Total	442	428	2.96	.776	.038	
Explored different ways of thinking	Sex of student	Male	177	167	2.70	.732	.057
		Female	260	255	2.71	.740	.046
		Missing	5	5	2.40	.894	.400
	Group Total	442	427	2.70	.737	.036	
Referred to something instructor said	Sex of student	Male	177	167	2.64	.770	.060
		Female	260	255	2.77	.755	.047
		Missing	5	5	2.40	.548	.245
	Group Total	442	427	2.72	.761	.037	
Subsequently read something on a topic	Sex of student	Male	177	168	2.49	.841	.065
		Female	260	254	2.40	.817	.051
		Missing	5	5	2.00	1.000	.447
	Group Total	442	427	2.43	.829	.040	
Changed opinion because of others	Sex of student	Male	177	168	2.21	.708	.055
		Female	260	255	2.16	.659	.041
		Missing	5	5	2.00	.000	.000
	Group Total	442	428	2.18	.675	.033	
Persuaded others to change their minds	Sex of student	Male	177	167	2.33	.817	.063
		Female	260	255	2.16	.635	.040
		Missing	5	5	2.00	.707	.316
	Group Total	442	427	2.22	.716	.035	

**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Library Scale	Sex of student	Male	177	174	17.89	4.383	.332
		Female	260	257	18.27	3.864	.241
		Missing	5	4	17.50	3.697	1.848
	Group Total	442	435	18.11	4.074	.195	
QE: Computer and IT Scale	Sex of student	Male	177	176	24.66	4.724	.356
		Female	260	258	25.08	3.906	.243
		Missing	5	4	22.50	4.123	2.062
	Group Total	442	438	24.89	4.257	.203	
QE: Course Learning Scale	Sex of student	Male	177	168	32.08	5.152	.397
		Female	260	253	33.33	4.814	.303
		Missing	5	5	31.20	5.020	2.245

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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Course	Group Total		442	426	32.81	4.981	.241
QE: Writing Experiences Scale	Sex of student	Male	177	172	16.94	4.178	.319
		Female	260	259	18.89	3.837	.238
		Missing	5	5	15.80	3.899	1.744
	Group Total		442	436	18.09	4.087	.196
QE: Experiences with Faculty Scale	Sex of student	Male	177	172	21.89	6.020	.459
		Female	260	258	22.21	5.752	.358
		Missing	5	5	19.40	3.975	1.778
	Group Total		442	435	22.05	5.842	.280
QE: Art, Music, Theater Scale	Sex of student	Male	177	171	14.12	5.110	.391
		Female	260	256	15.75	5.069	.317
		Missing	5	5	15.60	4.722	2.112
	Group Total		442	432	15.10	5.132	.247
QE: Campus Facilities Scale	Sex of student	Male	177	168	18.79	4.391	.339
		Female	260	254	18.43	4.448	.279
		Missing	5	5	16.60	2.191	.980
	Group Total		442	427	18.55	4.408	.213
QE: Clubs and Organizations Scale	Sex of student	Male	177	173	11.67	4.174	.317
		Female	260	256	11.65	3.986	.249
		Missing	5	5	11.40	3.050	1.364
	Group Total		442	434	11.65	4.045	.194
QE: Personal Experiences Scale	Sex of student	Male	177	170	18.12	5.248	.402
		Female	260	255	20.42	4.590	.287
		Missing	5	5	18.20	4.207	1.881
	Group Total		442	430	19.49	4.977	.240
QE: Student Acquaintances Scale	Sex of student	Male	177	170	26.82	6.501	.499
		Female	260	259	25.92	6.048	.376
		Missing	5	5	22.00	3.742	1.673
	Group Total		442	434	26.22	6.231	.299
QE: Science & Quantitative Exp. Scale	Sex of student	Male	177	170	23.66	7.504	.576
		Female	260	258	22.12	7.395	.460
		Missing	5	5	12.40	3.050	1.364
	Group Total		442	433	22.62	7.512	.361
QE: Topics of Conversation Scale	Sex of student	Male	177	167	25.05	5.933	.459
		Female	260	255	23.62	5.411	.339
		Missing	5	5	21.80	1.304	.583
	Group Total		442	427	24.16	5.634	.273
QE: Information							



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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Information in Conversations Scale	Sex of student	Male	177	165	15.22	3.493	.272
		Female	260	254	15.24	3.228	.203
		Missing	5	5	13.40	2.074	.927
	Group Total		442	424	15.21	3.323	.161

**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Number of texts read	Sex of student	Male	177	172	3.01	.933	.071
		Female	260	260	3.28	.821	.051
		Missing	5	5	3.00	1.000	.447
	Group Total		442	437	3.17	.877	.042
Number of course packets read	Sex of student	Male	177	170	2.59	1.052	.081
		Female	260	258	2.69	.953	.059
		Missing	5	5	2.00	.707	.316
	Group Total		442	433	2.64	.993	.048
Number of non-assigned books read	Sex of student	Male	177	170	2.20	1.012	.078
		Female	260	257	2.17	.914	.057
		Missing	5	5	3.00	1.225	.548
	Group Total		442	432	2.19	.959	.046
Number of essays written	Sex of student	Male	177	170	2.89	1.157	.089
		Female	260	259	2.92	.961	.060
		Missing	5	5	2.60	.548	.245
	Group Total		442	434	2.90	1.037	.050
Number of term papers written	Sex of student	Male	177	168	2.94	1.025	.079
		Female	260	257	3.09	1.004	.063
		Missing	5	5	2.60	.548	.245
	Group Total		442	430	3.02	1.010	.049
How well college is liked	Sex of student	Male	177	172	3.08	.834	.064
		Female	260	259	3.11	.696	.043
		Missing	5	5	2.60	1.140	.510
	Group Total		442	436	3.09	.759	.036
Would attend same institution again	Sex of student	Male	177	173	2.88	.884	.067
		Female	260	258	3.10	.802	.050
		Missing	5	5	2.40	1.140	.510
	Group Total		442	436	3.00	.847	.041
Overall opinion of college	Sex of student	Male	177	172	5.95	1.470	.112
		Female	260	258	6.21	1.261	.079
		Missing	5	5	5.00	2.236	1.000
	Group Total		442	435	6.09	1.367	.066

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**Measures of the College Environment**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Env. Emphasis: Scholarship	Sex of student	Male	177	172	6.07	1.029	.078
		Female	260	260	6.40	.757	.047
		Missing	5	4	5.00	1.414	.707
	Group Total		442	436	6.26	.902	.043
Env. Emphasis: Aesthetics	Sex of student	Male	177	172	4.87	1.333	.102
		Female	260	260	4.97	1.364	.085
		Missing	5	4	3.50	.577	.289
	Group Total		442	436	4.92	1.353	.065
Env. Emphasis: Analysis	Sex of student	Male	177	172	5.63	1.135	.087
		Female	260	260	5.88	.919	.057
		Missing	5	4	3.25	1.500	.750
	Group Total		442	436	5.76	1.048	.050
Env. Emphasis: Diversity	Sex of student	Male	177	174	4.66	1.572	.119
		Female	260	259	4.67	1.603	.100
		Missing	5	4	3.25	1.258	.629
	Group Total		442	437	4.65	1.591	.076
Env. Emphasis: Info. literacy skills	Sex of student	Male	177	173	4.83	1.476	.112
		Female	260	259	4.99	1.363	.085
		Missing	5	4	5.00	1.155	.577
	Group Total		442	436	4.92	1.406	.067
Env. Emphasis: Vocational	Sex of student	Male	177	174	4.24	1.706	.129
		Female	260	259	4.27	1.594	.099
		Missing	5	4	2.00	.816	.408
	Group Total		442	437	4.24	1.646	.079
Env. Emphasis: Practical courses	Sex of student	Male	177	174	4.43	1.483	.112
		Female	260	259	4.56	1.430	.089
		Missing	5	4	3.75	.957	.479
	Group Total		442	437	4.50	1.449	.069
Relationships: Other students	Sex of student	Male	177	172	5.46	1.444	.110
		Female	260	259	5.79	1.222	.076
		Missing	5	4	6.50	.577	.289
	Group Total		442	435	5.66	1.321	.063
Relationships: Administrative personnel	Sex of student	Male	177	173	4.55	1.615	.123
		Female	260	258	4.76	1.430	.089
		Missing	5	4	3.50	1.732	.866
	Group Total		442	435	4.66	1.513	.073
Relationships:							

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**Measures of the College Environment**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Relationships: Faculty members	Sex of student	Male	177	173	5.24	1.251	.095
		Female	260	259	5.61	1.049	.065
		Missing	5	4	5.00	.816	.408
	Group Total		442	436	5.45	1.145	.055

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Vocational preparation	Sex of student	Male	177	172	2.63	.905	.069
		Female	260	258	2.63	.873	.054
		Missing	5	4	1.75	.500	.250
	Group Total		442	434	2.62	.886	.043
Gain: Skills for professional career	Sex of student	Male	177	172	2.92	.765	.058
		Female	260	258	2.87	.791	.049
		Missing	5	4	2.25	.957	.479
	Group Total		442	434	2.89	.783	.038
Gain: Broad general education	Sex of student	Male	177	171	3.02	.727	.056
		Female	260	258	3.01	.719	.045
		Missing	5	4	3.00	.816	.408
	Group Total		442	433	3.02	.722	.035
Gain: Career information	Sex of student	Male	177	171	2.80	.816	.062
		Female	260	257	2.90	.809	.050
		Missing	5	4	2.00	.816	.408
	Group Total		442	432	2.85	.815	.039
Gain: Enjoyment of art, music, drama	Sex of student	Male	177	171	2.09	.972	.074
		Female	260	258	2.28	.970	.060
		Missing	5	4	2.50	1.291	.645
	Group Total		442	433	2.21	.976	.047
Gain: Acquaintance with literature	Sex of student	Male	177	169	2.17	.974	.075
		Female	260	258	2.24	.903	.056
		Missing	5	4	2.00	.816	.408
	Group Total		442	431	2.21	.930	.045
Gain: Understanding history	Sex of student	Male	177	169	2.46	.994	.076
		Female	260	257	2.19	.827	.052
		Missing	5	4	2.25	1.500	.750
	Group Total		442	430	2.30	.910	.044
Gain: Knowledge about world	Sex of student	Male	177	169	2.38	.926	.071
		Female	260	258	2.10	.950	.059
		Missing	5	4	2.00	1.414	.707
	Group Total		442	431	2.21	.953	.046
Gain: Writing effectively	Sex of student	Male	177	169	2.82	.891	.069
		Female	260	257	2.85	.811	.051
		Missing	5	4	2.25	.957	.479
	Group Total		442	430	2.83	.844	.041
Gain: Speaking effectively	Sex of student	Male	177	170	2.82	.826	.063
		Female	260	258	2.80	.822	.051
		Missing	5	4	2.25	.957	.479
	Group Total		442	432	2.80	.824	.040

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Using computers, other info tech	Sex of student	Male	177	168	2.73	.944	.073
		Female	260	258	2.74	.832	.052
		Missing	5	4	2.25	.957	.479
	Group Total		442	430	2.73	.878	.042
Gain: Awareness of other philosophies	Sex of student	Male	177	169	2.71	.935	.072
		Female	260	258	2.62	.839	.052
		Missing	5	4	2.00	.000	.000
	Group Total		442	431	2.65	.876	.042
Gain: Values and ethical standards	Sex of student	Male	177	169	2.75	.976	.075
		Female	260	258	2.88	.842	.052
		Missing	5	4	2.50	.577	.289
	Group Total		442	431	2.82	.896	.043
Gain: Understanding self	Sex of student	Male	177	170	3.05	.848	.065
		Female	260	258	3.07	.735	.046
		Missing	5	4	3.25	.500	.250
	Group Total		442	432	3.06	.779	.037
Gain: Getting along with others	Sex of student	Male	177	170	2.91	.896	.069
		Female	260	258	2.98	.823	.051
		Missing	5	4	2.50	1.000	.500
	Group Total		442	432	2.95	.854	.041
Gain: Functioning as a team member	Sex of student	Male	177	170	2.81	.942	.072
		Female	260	258	2.94	.830	.052
		Missing	5	4	2.25	1.258	.629
	Group Total		442	432	2.88	.882	.042
Gain: Personal health habits and fitness	Sex of student	Male	177	168	2.55	.990	.076
		Female	260	258	2.57	.957	.060
		Missing	5	4	2.25	1.258	.629
	Group Total		442	430	2.56	.971	.047
Gain: Understanding science	Sex of student	Male	177	170	2.52	.937	.072
		Female	260	258	2.36	.973	.061
		Missing	5	4	1.50	.577	.289
	Group Total		442	432	2.41	.962	.046
Gain: Understanding new technology	Sex of student	Male	177	170	2.47	.885	.068
		Female	260	258	2.19	.979	.061
		Missing	5	4	1.25	.500	.250
	Group Total		442	432	2.29	.953	.046
Gain: Consequences of science, tech.	Sex of student	Male	177	170	2.52	.911	.070
		Female	260	258	2.17	.925	.058
		Missing	5	4	1.50	1.000	.500
	Group Total		442	432	2.30	.938	.045

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Thinking analytically	Sex of student	Male	177	170	3.09	.786	.060
		Female	260	257	2.86	.795	.050
		Missing	5	4	2.25	.957	.479
	Group Total		442	431	2.94	.802	.039
Gain: Analyzing quantitative problems	Sex of student	Male	177	170	2.77	.836	.064
		Female	260	257	2.44	.904	.056
		Missing	5	4	1.00	.000	.000
	Group Total		442	431	2.56	.900	.043
Gain: Synthesizing ideas	Sex of student	Male	177	169	2.96	.782	.060
		Female	260	258	2.90	.764	.048
		Missing	5	4	2.25	.500	.250
	Group Total		442	431	2.91	.771	.037
Gain: Learning on one's own	Sex of student	Male	177	170	2.96	.859	.066
		Female	260	257	3.09	.763	.048
		Missing	5	4	2.25	.957	.479
	Group Total		442	431	3.03	.808	.039
Gain: Adapting to change	Sex of student	Male	177	170	2.84	.852	.065
		Female	260	257	2.98	.800	.050
		Missing	5	4	2.50	.577	.289
	Group Total		442	431	2.92	.822	.040

**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #1	Sex of student	Male	177	152	3.94	.730	.059
		Female	260	247	3.85	.653	.042
		Missing	5	4	4.25	.500	.250
	Group Total		442	403	3.89	.682	.034
Additional question #2	Sex of student	Male	177	152	2.86	1.442	.117
		Female	260	246	2.57	1.332	.085
		Missing	5	4	3.25	1.500	.750
	Group Total		442	402	2.68	1.381	.069
Additional question #3	Sex of student	Male	177	152	2.85	1.291	.105
		Female	260	245	3.02	1.157	.074
		Missing	5	4	3.00	1.826	.913
	Group Total		442	401	2.96	1.216	.061
Additional question #4	Sex of student	Male	177	152	2.18	.831	.067
		Female	260	247	2.25	.792	.050
		Missing	5	4	2.50	.577	.289

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional	Group Total		442	403	2.23	.805	.040
Additional question #5	Sex of student	Male	177	125	2.58	1.410	.126
		Female	260	192	3.15	1.343	.097
		Missing	5	3	3.00	1.000	.577
	Group Total		442	320	2.93	1.392	.078
Additional question #6	Sex of student	Male	177	103	2.25	1.144	.113
		Female	260	169	2.21	.919	.071
		Missing	5	3	3.00	1.000	.577
	Group Total		442	275	2.23	1.009	.061
Additional question #7	Sex of student	Male	177	152	2.71	1.052	.085
		Female	260	246	2.50	.980	.063
		Missing	5	4	3.25	1.258	.629
	Group Total		442	402	2.58	1.016	.051
Additional question #8	Sex of student	Male	177	152	3.12	1.173	.095
		Female	260	247	3.16	1.043	.066
		Missing	5	4	2.75	1.258	.629
	Group Total		442	403	3.14	1.094	.054
Additional question #9	Sex of student	Male	177	152	2.67	1.306	.106
		Female	260	247	2.82	1.267	.081
		Missing	5	4	2.75	2.062	1.031
	Group Total		442	403	2.76	1.288	.064
Additional question #10	Sex of student	Male	177	151	2.21	1.037	.084
		Female	260	245	2.28	.978	.063
		Missing	5	3	2.67	1.155	.667
	Group Total		442	399	2.26	1.001	.050
Additional question #11	Sex of student	Male	177	151	1.96	.855	.070
		Female	260	245	1.78	.779	.050
		Missing	5	4	2.75	.957	.479
	Group Total		442	400	1.86	.818	.041
Additional question #12	Sex of student	Male	177	148	2.47	1.128	.093
		Female	260	238	2.46	1.013	.066
		Missing	5	4	1.75	.500	.250
	Group Total		442	390	2.46	1.055	.053
Additional question #13	Sex of student	Male	177	145	2.39	1.068	.089
		Female	260	237	2.41	.924	.060
		Missing	5	4	2.00	.000	.000
	Group Total		442	386	2.40	.976	.050
Additional							

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**Additional Items**

			<b>Count</b>	<b>Valid N</b>	<b>Mean</b>	<b>Std Deviation</b>	<b>Standard Error of Mean</b>
Additional question #14	Sex of student	Male	177	148	2.16	1.105	.091
		Female	260	237	2.81	1.029	.067
		Missing	5	4	3.00	.816	.408
	Group Total		442	389	2.57	1.102	.056
Additional question #15	Sex of student	Male	177	149	2.41	1.040	.085
		Female	260	237	3.04	1.145	.074
		Missing	5	4	4.00	.816	.408
	Group Total		442	390	2.81	1.149	.058
Additional question #16	Sex of student	Male	177	149	2.83	.978	.080
		Female	260	238	2.46	1.029	.067
		Missing	5	4	3.25	.500	.250
	Group Total		442	391	2.61	1.022	.052
Additional question #17	Sex of student	Male	177	149	2.68	.974	.080
		Female	260	238	2.30	.905	.059
		Missing	5	4	3.50	.577	.289
	Group Total		442	391	2.46	.951	.048
Additional question #18	Sex of student	Male	177	149	3.27	1.308	.107
		Female	260	237	2.96	1.311	.085
		Missing	5	4	3.50	.577	.289
	Group Total		442	390	3.08	1.312	.066
Additional question #19	Sex of student	Male	177	148	2.79	1.102	.091
		Female	260	238	2.53	.975	.063
		Missing	5	4	3.00	.816	.408
	Group Total		442	390	2.64	1.030	.052
Additional question #20	Sex of student	Male	177	148	2.13	.794	.065
		Female	260	238	2.11	.723	.047
		Missing	5	4	2.25	.500	.250
	Group Total		442	390	2.12	.747	.038