

# Chapter XXV: COLLEGE STUDENT EXPERIENCE QUESTIONNAIRE, FULL DATA

This chapter contains the full 2004-2005 CSEQ frequency reports.

Summer 2004 results: .....2-45

Fall 2004 results.....46-100

Spring 2005 results.....101-155

**Truman State University**  
CSEQ 2004 Institutional Report Summer 2004

**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Surveys submitted	Yes	15	100	47	100	1	100	63	100
Age of student	19 or younger	0	0	2	4	0	0	2	3
	20-23	14	93	44	94	1	100	59	94
	24-29	1	7	0	0	0	0	1	2
	30-39	0	0	1	2	0	0	1	2
Total		15	100	47	100	1	100	63	100
Marital status	not married	14	93	45	96	1	100	60	95
	married	1	7	1	2	0	0	2	3
	separated	0	0	1	2	0	0	1	2
Total		15	100	47	100	1	100	63	100
College classification	junior	4	27	26	55	1	100	31	49
	senior	11	73	21	45	0	0	32	51
Total		15	100	47	100	1	100	63	100
Enter college here or transfer	started here	14	93	41	89	1	100	56	90
	transferred	1	7	5	11	0	0	6	10
Total		15	100	46	100	1	100	62	100
Where live now during school	dorm, other housing	0	0	4	9	0	0	4	6
	residence in walking	11	73	34	72	1	100	46	73
	residence in driving	2	13	9	19	0	0	11	17
	fraternity, sorority	2	13	0	0	0	0	2	3
Total		15	100	47	100	1	100	63	100
Live with: no one	no	15	100	42	89	1	100	58	92
	yes	0	0	5	11	0	0	5	8
Total		15	100	47	100	1	100	63	100
Live with: other students	no	2	13	11	23	0	0	13	21
	yes	13	87	36	77	1	100	50	79
Total		15	100	47	100	1	100	63	100
Live with: spouse or partner	no	13	87	46	98	1	100	60	95
	yes	2	13	1	2	0	0	3	5
Total		15	100	47	100	1	100	63	100
Live with: my child	no	15	100	47	100	1	100	63	100
	yes	0	0	0	0	0	0	0	0
Total		15	100	47	100	1	100	63	100
Live with: my parents	no	15	100	45	96	1	100	61	97
	yes	0	0	2	4	0	0	2	3
Total		15	100	47	100	1	100	63	100
Live with: other relatives	no	15	100	47	100	1	100	63	100
	yes	0	0	0	0	0	0	0	0
Total		15	100	47	100	1	100	63	100
Live with: friends not students here	no	15	100	45	96	1	100	61	97
	yes	0	0	2	4	0	0	2	3
Total		15	100	47	100	1	100	63	100
Live with: others	no	15	100	46	98	1	100	62	98
	yes	0	0	1	2	0	0	1	2
Total		15	100	47	100	1	100	63	100
Access to a computer	yes	15	100	47	100	1	100	63	100
Total		15	100	47	100	1	100	63	100
Grades at this college	B-, C+	5	33	6	13	0	0	11	17
	B	6	40	11	23	0	0	17	27
	A-, B+	3	20	18	38	1	100	22	35
	A	1	7	12	26	0	0	13	21
Total		15	100	47	100	1	100	63	100
Parents graduate from college	no	6	40	14	30	0	0	20	32
	yes, both parents	7	47	20	43	1	100	28	44
	yes, father only	2	13	9	19	0	0	11	17
	yes, mother only	0	0	4	9	0	0	4	6
Total		15	100	47	100	1	100	63	100
Enroll for a more advanced degree	yes	11	73	38	83	1	100	50	81
	no	4	27	8	17	0	0	12	19
Total		15	100	46	100	1	100	62	100
Number of term credit hours	6 or fewer	8	53	12	26	0	0	20	32
	7-11	4	27	18	39	0	0	22	35
	12-14	1	7	12	26	0	0	13	21
	15-16	2	13	4	9	1	100	7	11
Total		15	100	46	100	1	100	62	100

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**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Hours on out of class academic work	6-10 hrs weekly	6	40	8	17	0	0	14	22
	11-15 hrs weekly	4	27	14	30	0	0	18	29
	16-20 hrs weekly	2	13	15	32	1	100	18	29
	21-25 hrs weekly	2	13	7	15	0	0	9	14
	26-30 hrs weekly	1	7	1	2	0	0	2	3
	more than 30 hrs	0	0	2	4	0	0	2	3
Total		15	100	47	100	1	100	63	100
Hours working on campus for pay	none; no job	9	60	21	46	0	0	30	48
	1-10 hrs weekly	2	13	21	46	1	100	24	39
	11-20 hrs weekly	4	27	4	9	0	0	8	13
Total		15	100	46	100	1	100	62	100
Hours working off campus for pay	none; no job	5	33	18	39	1	100	24	39
	1-10 hrs weekly	1	7	7	15	0	0	8	13
	11-20 hrs weekly	7	47	12	26	0	0	19	31
	21-30 hrs weekly	1	7	7	15	0	0	8	13
	31-40 hrs weekly	0	0	2	4	0	0	2	3
more than 40 hrs	1	7	0	0	0	0	1	2	
Total		15	100	46	100	1	100	62	100
How job affects school work	no job	2	13	6	13	0	0	8	13
	does not interfere	3	20	12	26	1	100	16	25
	takes some time	9	60	24	51	0	0	33	52
	takes lots of time	1	7	5	11	0	0	6	10
Total		15	100	47	100	1	100	63	100
Meet expenses: self	none	0	0	5	12	0	0	5	9
	very little	6	50	18	44	1	100	25	46
	less than half	5	42	10	24	0	0	15	28
	about half	0	0	4	10	0	0	4	7
	more than half	1	8	2	5	0	0	3	6
	all or nearly all	0	0	2	5	0	0	2	4
Total		12	100	41	100	1	100	54	100
Meet expenses: parents	none	2	14	6	14	0	0	8	14
	very little	0	0	4	9	0	0	4	7
	less than half	2	14	6	14	1	100	9	15
	about half	2	14	7	16	0	0	9	15
	more than half	2	14	8	18	0	0	10	17
	all or nearly all	6	43	13	30	0	0	19	32
Total		14	100	44	100	1	100	59	100
Meet expenses: spouse or partner	none	6	86	31	94	1	100	38	93
	very little	0	0	1	3	0	0	1	2
	less than half	0	0	1	3	0	0	1	2
	about half	1	14	0	0	0	0	1	2
Total		7	100	33	100	1	100	41	100
Meet expenses: employer	none	6	100	30	91	1	100	37	93
	very little	0	0	1	3	0	0	1	3
	less than half	0	0	2	6	0	0	2	5
Total		6	100	33	100	1	100	40	100
Meet expenses: scholarships and grants	none	2	22	10	25	0	0	12	24
	very little	2	22	6	15	0	0	8	16
	less than half	2	22	12	30	0	0	14	28
	about half	1	11	5	13	0	0	6	12
	more than half	2	22	4	10	1	100	7	14
	all or nearly all	0	0	3	8	0	0	3	6
Total		9	100	40	100	1	100	50	100
Meet expenses: loans	none	3	38	16	43	0	0	19	41
	very little	0	0	4	11	0	0	4	9
	less than half	2	25	3	8	0	0	5	11
	about half	0	0	5	14	1	100	6	13
	more than half	1	13	3	8	0	0	4	9
	all or nearly all	2	25	6	16	0	0	8	17
Total		8	100	37	100	1	100	46	100
Meet expenses: other sources	none	4	67	29	88	1	100	34	85
	very little	2	33	2	6	0	0	4	10
	about half	0	0	2	6	0	0	2	5
Total		6	100	33	100	1	100	40	100

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**Background Characteristics**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Race: American Indian	no	15	100	47	100	1	100	63	100
Total		15	100	47	100	1	100	63	100
Race: Asian or Pacific Islander	no	14	93	43	91	1	100	58	92
	yes	1	7	4	9	0	0	5	8
Total		15	100	47	100	1	100	63	100
Race: Black or African American	no	14	93	46	98	1	100	61	97
	yes	1	7	1	2	0	0	2	3
Total		15	100	47	100	1	100	63	100
Race: Caucasian	no	3	20	5	11	0	0	8	13
	yes	12	80	42	89	1	100	55	87
Total		15	100	47	100	1	100	63	100
Race: Mexican American	no	15	100	47	100	1	100	63	100
Total		15	100	47	100	1	100	63	100
Race: Puerto Rican	no	15	100	47	100	1	100	63	100
Total		15	100	47	100	1	100	63	100
Race: Other Hispanic	no	14	93	46	98	1	100	61	97
	yes	1	7	1	2	0	0	2	3
Total		15	100	47	100	1	100	63	100
Race: Other	no	14	93	47	100	1	100	62	98
	yes	1	7	0	0	0	0	1	2
Total		15	100	47	100	1	100	63	100
No. of racial/ethnic groups of student	belongs to 1 group	14	93	46	98	1	100	61	97
	belongs to 2 groups	1	7	1	2	0	0	2	3
Total		15	100	47	100	1	100	63	100
Racial or ethnic identification	Asian, Pacific Islander	0	0	4	9	0	0	4	6
	Black, African American	0	0	1	2	0	0	1	2
	White, Caucasian	12	80	41	87	1	100	54	86
	Other Hispanic	1	7	0	0	0	0	1	2
	Other	1	7	0	0	0	0	1	2
	Multiracial	1	7	1	2	0	0	2	3
Total		15	100	47	100	1	100	63	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Agriculture	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Biological or life sciences	no	14	100	41	93	1	100	56	95
	yes	0	0	3	7	0	0	3	5
Total		14	100	44	100	1	100	59	100
Major: Business	no	11	79	41	93	1	100	53	90
	yes	3	21	3	7	0	0	6	10
Total		14	100	44	100	1	100	59	100
Major: Communications	no	14	100	40	91	1	100	55	93
	yes	0	0	4	9	0	0	4	7
Total		14	100	44	100	1	100	59	100
Major: Computer and	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Education	no	14	100	42	95	1	100	57	97
	yes	0	0	2	5	0	0	2	3
Total		14	100	44	100	1	100	59	100
Major: Engineering	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Ethnic, cultural,	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Foreign languages and literature	no	14	100	43	98	1	100	58	98
	yes	0	0	1	2	0	0	1	2
Total		14	100	44	100	1	100	59	100
Major: Health-related fields	no	14	100	41	93	1	100	56	95
	yes	0	0	3	7	0	0	3	5
Total		14	100	44	100	1	100	59	100
Major: History	no	13	93	44	100	1	100	58	98
	yes	1	7	0	0	0	0	1	2
Total		14	100	44	100	1	100	59	100
Major: Humanities	no	13	93	42	95	1	100	56	95
	yes	1	7	2	5	0	0	3	5
Total		14	100	44	100	1	100	59	100
Major: Liberal or general	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Mathematics	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major:	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Recreation or	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Physical sciences	no	13	93	44	100	1	100	58	98
	yes	1	7	0	0	0	0	1	2
Total		14	100	44	100	1	100	59	100
Major: Pre-professional	no	13	93	44	100	1	100	58	98
	yes	1	7	0	0	0	0	1	2
Total		14	100	44	100	1	100	59	100
Major: Public	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100
Major: Social sciences	no	13	93	39	89	1	100	53	90
	yes	1	7	5	11	0	0	6	10
Total		14	100	44	100	1	100	59	100
Major: Visual and performing arts	no	14	100	41	93	1	100	56	95
	yes	0	0	3	7	0	0	3	5
Total		14	100	44	100	1	100	59	100
Major: Undecided	no	14	100	44	100	1	100	59	100
Total		14	100	44	100	1	100	59	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Major: Other	no	6	43	16	36	0	0	22	37
	yes	8	57	28	64	1	100	37	63
<b>Total</b>		<b>14</b>	<b>100</b>	<b>44</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>59</b>	<b>100</b>

**Library Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used the library to study	never	1	7	6	13	0	0	7	11
	occasionally	8	53	23	49	0	0	31	49
	often	5	33	12	26	1	100	18	29
	very often	1	7	6	13	0	0	7	11
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Found something interesting browsing	never	2	13	11	23	0	0	13	21
	occasionally	11	73	26	55	1	100	38	60
	often	0	0	8	17	0	0	8	13
	very often	2	13	2	4	0	0	4	6
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Asked a librarian/staff member for help	never	1	7	5	11	0	0	6	10
	occasionally	9	60	35	74	1	100	45	71
	often	4	27	6	13	0	0	10	16
	very often	1	7	1	2	0	0	2	3
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Read assigned material not texts	never	0	0	4	9	0	0	4	6
	occasionally	8	53	28	60	1	100	37	59
	often	5	33	12	26	0	0	17	27
	very often	2	13	3	6	0	0	5	8
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Used index or database to find material	occasionally	2	13	5	11	0	0	7	11
	often	9	60	19	40	1	100	29	46
	very often	4	27	23	49	0	0	27	43
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Wrote bibliography for a term paper	occasionally	3	20	7	15	0	0	10	16
	often	7	47	20	43	1	100	28	44
	very often	5	33	20	43	0	0	25	40
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Gone back to read basic reference	never	5	33	20	43	0	0	25	40
	occasionally	4	27	18	38	0	0	22	35
	often	3	20	6	13	1	100	10	16
	very often	3	20	3	6	0	0	6	10
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Made a judgment about quality of info.	never	0	0	1	2	0	0	1	2
	occasionally	8	53	13	28	1	100	22	35
	often	4	27	18	38	0	0	22	35
	very often	3	20	15	32	0	0	18	29
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>

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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	often	1	7	3	6	0	0	4	6
	very often	14	93	44	94	1	100	59	94
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Used e-mail to communicate with class	occasionally	2	13	2	4	0	0	4	6
	often	3	20	6	13	0	0	9	14
	very often	10	67	39	83	1	100	50	79
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Used computer tutorial to learn material	never	4	27	8	17	0	0	12	19
	occasionally	7	47	19	40	1	100	27	43
	often	3	20	12	26	0	0	15	24
	very often	1	7	8	17	0	0	9	14
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Joined in electronic class discussions	never	6	40	19	40	0	0	25	40
	occasionally	5	33	20	43	0	0	25	40
	often	3	20	6	13	1	100	10	16
	very often	1	7	2	4	0	0	3	5
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Searched Internet for course material	never	0	0	1	2	0	0	1	2
	occasionally	1	7	2	4	0	0	3	5
	often	6	40	4	9	0	0	10	16
	very often	8	53	40	85	1	100	49	78
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Retrieved off-campus library materials	never	2	13	16	34	0	0	18	29
	occasionally	5	33	19	40	0	0	24	38
	often	5	33	4	9	1	100	10	16
	very often	3	20	8	17	0	0	11	17
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Made visual displays with computer	never	0	0	2	4	0	0	2	3
	occasionally	4	27	17	36	0	0	21	33
	often	4	27	15	32	1	100	20	32
	very often	7	47	13	28	0	0	20	32
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Used a computer to analyze data	never	0	0	4	9	0	0	4	6
	occasionally	5	33	18	38	0	0	23	37
	often	4	27	14	30	1	100	19	30
	very often	6	40	11	23	0	0	17	27
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Developed Web page, multimedia present.	never	3	20	11	23	0	0	14	22
	occasionally	6	40	20	43	1	100	27	43
	often	3	20	7	15	0	0	10	16
	very often	3	20	9	19	0	0	12	19
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>

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**Course Learning**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Completed assigned readings	occasionally	5	33	3	6	0	0	8	13
	often	4	27	23	49	0	0	27	43
	very often	6	40	21	45	1	100	28	44
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Took detailed class notes	never	1	7	0	0	0	0	1	2
	occasionally	3	20	2	4	0	0	5	8
	often	2	13	18	38	0	0	20	32
	very often	9	60	27	57	1	100	37	59
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Contributed to class discussions	never	0	0	1	2	0	0	1	2
	occasionally	2	13	10	22	0	0	12	19
	often	9	60	20	43	1	100	30	48
	very often	4	27	15	33	0	0	19	31
<b>Total</b>		<b>15</b>	<b>100</b>	<b>46</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Developed role play/case study for class	never	7	47	14	30	0	0	21	33
	occasionally	4	27	21	45	0	0	25	40
	often	3	20	10	21	1	100	14	22
	very often	1	7	2	4	0	0	3	5
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Put together different facts and ideas	never	0	0	1	2	0	0	1	2
	occasionally	6	40	9	19	0	0	15	24
	often	4	27	26	55	0	0	30	48
	very often	5	33	11	23	1	100	17	27
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Summarized major points and information	never	0	0	1	2	0	0	1	2
	occasionally	7	47	7	15	0	0	14	22
	often	3	20	19	40	0	0	22	35
	very often	5	33	20	43	1	100	26	41
<b>Total</b>		<b>15</b>	<b>100</b>	<b>46</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Worked with others on class project	occasionally	1	7	6	13	0	0	7	11
	often	9	60	22	48	1	100	32	52
	very often	5	33	18	39	0	0	23	37
<b>Total</b>		<b>15</b>	<b>100</b>	<b>46</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Applied class material to other areas	never	1	7	0	0	0	0	1	2
	occasionally	4	27	6	13	0	0	10	16
	often	7	47	25	53	1	100	33	52
	very often	3	20	16	34	0	0	19	30
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Used info. from other areas in class	occasionally	4	27	13	28	1	100	18	29
	often	6	40	21	45	0	0	27	43
	very often	5	33	13	28	0	0	18	29
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Explained course material to others	occasionally	4	27	11	23	0	0	15	24
	often	6	40	25	53	1	100	32	51
	very often	5	33	11	23	0	0	16	25
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>
Worked on project integrating ideas	occasionally	1	7	5	11	0	0	6	10
	often	7	47	23	49	1	100	31	49
	very often	7	47	19	40	0	0	26	41
<b>Total</b>		<b>15</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>63</b>	<b>100</b>



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**Writing Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a dictionary or thesaurus	never	1	7	1	2	0	0	2	3
	occasionally	5	33	13	28	0	0	18	29
	often	5	33	16	34	0	0	21	33
	very often	4	27	17	36	1	100	22	35
Total		15	100	47	100	1	100	63	100
Thought about grammar, etc while writing	never	1	7	1	2	0	0	2	3
	occasionally	3	20	4	9	0	0	7	11
	often	6	40	13	28	1	100	20	32
	very often	5	33	29	62	0	0	34	54
Total		15	100	47	100	1	100	63	100
Asked others to read your writing	never	1	7	1	2	0	0	2	3
	occasionally	2	13	10	21	0	0	12	19
	often	6	40	19	40	1	100	26	41
	very often	6	40	17	36	0	0	23	37
Total		15	100	47	100	1	100	63	100
Referred to a style manual	never	2	13	0	0	0	0	2	3
	occasionally	5	33	16	34	0	0	21	33
	often	4	27	15	32	1	100	20	32
	very often	4	27	16	34	0	0	20	32
Total		15	100	47	100	1	100	63	100
Revised a paper two or more times	never	2	13	5	11	0	0	7	11
	occasionally	5	33	8	17	0	0	13	21
	often	4	27	11	24	1	100	16	26
	very often	4	27	22	48	0	0	26	42
Total		15	100	46	100	1	100	62	100
Asked for writing advice	never	1	7	7	15	0	0	8	13
	occasionally	5	33	21	45	1	100	27	43
	often	6	40	13	28	0	0	19	30
	very often	3	20	6	13	0	0	9	14
Total		15	100	47	100	1	100	63	100
Prepared major report for class	never	5	33	16	34	1	100	22	35
	occasionally	6	40	17	36	0	0	23	37
	often	2	13	6	13	0	0	8	13
	very often	2	13	8	17	0	0	10	16
Total		15	100	47	100	1	100	63	100

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**Experiences with Faculty**

		Sex of student						Total		
		Male		Female		Missing		N	%	
		N	%	N	%	N	%			
Asked instructor for course information	occasionally	2	13	16	34	0	0	18	29	
	often	7	47	19	40	0	0	26	41	
	very often	6	40	12	26	1	100	19	30	
Total		15	100	47	100	1	100	63	100	
Discussed academic program with faculty	never	0	0	1	2	0	0	1	2	
	occasionally	7	47	20	43	0	0	27	43	
	often	5	33	15	32	1	100	21	33	
Total	very often	3	20	11	23	0	0	14	22	
	Total		15	100	47	100	1	100	63	100
	Discussed term paper with faculty	never	0	0	2	4	0	0	2	3
occasionally		5	33	25	53	1	100	31	49	
often		6	40	12	26	0	0	18	29	
Total	very often	4	27	8	17	0	0	12	19	
	Total		15	100	47	100	1	100	63	100
	Discussed career plans with faculty	never	1	7	6	13	0	0	7	11
occasionally		8	53	23	49	1	100	32	51	
often		4	27	14	30	0	0	18	29	
Total	very often	2	13	4	9	0	0	6	10	
	Total		15	100	47	100	1	100	63	100
	Worked harder due to instructor feedback	never	1	7	1	2	0	0	2	3
occasionally		4	27	11	23	0	0	15	24	
often		8	53	23	49	1	100	32	51	
Total	very often	2	13	12	26	0	0	14	22	
	Total		15	100	47	100	1	100	63	100
	Socialized with faculty outside of class	never	3	20	19	40	1	100	23	37
occasionally		7	47	17	36	0	0	24	38	
often		4	27	8	17	0	0	12	19	
Total	very often	1	7	3	6	0	0	4	6	
	Total		15	100	47	100	1	100	63	100
	Discussed with others outside of class	never	2	13	12	26	1	100	15	24
occasionally		6	40	22	47	0	0	28	44	
often		5	33	9	19	0	0	14	22	
Total	very often	2	13	4	9	0	0	6	10	
	Total		15	100	47	100	1	100	63	100
	Asked instructor about performance	never	3	20	10	21	0	0	13	21
occasionally		6	40	23	49	1	100	30	48	
often		5	33	10	21	0	0	15	24	
Total	very often	1	7	4	9	0	0	5	8	
	Total		15	100	47	100	1	100	63	100
	Worked to meet faculty expectations	never	3	20	6	13	0	0	9	14
occasionally		6	40	13	28	0	0	19	30	
often		5	33	20	43	1	100	26	41	
Total	very often	1	7	8	17	0	0	9	14	
	Total		15	100	47	100	1	100	63	100
	Worked with faculty member on research	never	6	40	24	51	1	100	31	49
occasionally		5	33	11	23	0	0	16	25	
often		3	20	7	15	0	0	10	16	
Total	very often	1	7	5	11	0	0	6	10	
	Total		15	100	47	100	1	100	63	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	4	27	7	15	0	0	11	17
	occasionally	7	47	18	38	1	100	26	41
	often	2	13	11	23	0	0	13	21
	very often	2	13	11	23	0	0	13	21
Total		15	100	47	100	1	100	63	100
Went to exhibit or performance	never	1	7	4	9	0	0	5	8
	occasionally	9	60	21	45	1	100	31	49
	often	2	13	11	23	0	0	13	21
	very often	3	20	11	23	0	0	14	22
Total		15	100	47	100	1	100	63	100
Participated in art or theater activity	never	10	67	24	51	0	0	34	54
	occasionally	3	20	14	30	1	100	18	29
	often	1	7	1	2	0	0	2	3
	very often	1	7	8	17	0	0	9	14
Total		15	100	47	100	1	100	63	100
Talked about music or musicians	never	3	20	5	11	0	0	8	13
	occasionally	1	7	17	36	0	0	18	29
	often	3	20	11	23	0	0	14	22
	very often	8	53	14	30	1	100	23	37
Total		15	100	47	100	1	100	63	100
Attended a concert or other music event	never	0	0	3	6	0	0	3	5
	occasionally	6	40	23	49	0	0	29	46
	often	2	13	9	19	1	100	12	19
	very often	7	47	12	26	0	0	19	30
Total		15	100	47	100	1	100	63	100
Participated in music activity	never	7	50	22	47	1	100	30	48
	occasionally	4	29	13	28	0	0	17	27
	often	0	0	6	13	0	0	6	10
	very often	3	21	6	13	0	0	9	15
Total		14	100	47	100	1	100	62	100
Read or discussed opinions of critics	never	3	20	15	32	0	0	18	29
	occasionally	9	60	19	40	1	100	29	46
	often	1	7	5	11	0	0	6	10
	very often	2	13	8	17	0	0	10	16
Total		15	100	47	100	1	100	63	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	1	7	10	21	0	0	11	18
	occasionally	8	57	19	40	0	0	27	44
	often	1	7	14	30	0	0	15	24
	very often	4	29	4	9	1	100	9	15
<b>Total</b>		<b>14</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Met other students for discussion	never	1	7	1	2	0	0	2	3
	occasionally	4	29	18	38	0	0	22	35
	often	3	21	20	43	1	100	24	39
	very often	6	43	8	17	0	0	14	23
<b>Total</b>		<b>14</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Attended cultural/social event	never	1	7	3	6	0	0	4	6
	occasionally	8	57	26	55	0	0	34	55
	often	2	14	17	36	1	100	20	32
	very often	3	21	1	2	0	0	4	6
<b>Total</b>		<b>14</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Went to lecture or panel discussion	never	2	14	10	21	0	0	12	19
	occasionally	9	64	28	60	1	100	38	61
	often	1	7	6	13	0	0	7	11
	very often	2	14	3	6	0	0	5	8
<b>Total</b>		<b>14</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Used a campus learning lab or center	never	4	29	11	23	1	100	16	26
	occasionally	8	57	25	53	0	0	33	53
	often	0	0	9	19	0	0	9	15
	very often	2	14	2	4	0	0	4	6
<b>Total</b>		<b>14</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Used campus recreational facilities	never	2	14	4	9	0	0	6	10
	occasionally	4	29	13	28	0	0	17	27
	often	2	14	19	40	0	0	21	34
	very often	6	43	11	23	1	100	18	29
<b>Total</b>		<b>14</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>
Played a team sport	never	3	21	24	51	1	100	28	45
	occasionally	5	36	11	23	0	0	16	26
	often	2	14	8	17	0	0	10	16
	very often	4	29	4	9	0	0	8	13
Followed regular exercise schedule	never	3	21	13	28	1	100	17	27
	occasionally	5	36	15	32	0	0	20	32
	often	1	7	9	19	0	0	10	16
	very often	5	36	10	21	0	0	15	24
<b>Total</b>		<b>14</b>	<b>100</b>	<b>47</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>62</b>	<b>100</b>

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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	5	36	2	4	0	0	7	11
	occasionally	2	14	10	21	0	0	12	19
	often	1	7	8	17	0	0	9	15
	very often	6	43	27	57	1	100	34	55
Total		14	100	47	100	1	100	62	100
Worked on campus committee/organization	never	9	64	10	21	0	0	19	31
	occasionally	4	29	9	19	0	0	13	21
	often	0	0	13	28	0	0	13	21
	very often	1	7	15	32	1	100	17	27
Total		14	100	47	100	1	100	62	100
Worked on off-campus committee/org.	never	8	57	22	47	1	100	31	50
	occasionally	3	21	8	17	0	0	11	18
	often	2	14	8	17	0	0	10	16
	very often	1	7	9	19	0	0	10	16
Total		14	100	47	100	1	100	62	100
Met with faculty to discuss campus group	never	6	43	18	38	1	100	25	40
	occasionally	6	43	17	36	0	0	23	37
	often	1	7	8	17	0	0	9	15
	very often	1	7	4	9	0	0	5	8
Total		14	100	47	100	1	100	62	100
Managed an organization on or off campus	never	5	36	14	30	0	0	19	31
	occasionally	2	14	11	23	0	0	13	21
	often	3	21	8	17	1	100	12	19
	very often	4	29	14	30	0	0	18	29
Total		14	100	47	100	1	100	62	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	0	0	1	2	0	0	1	2
	occasionally	6	43	8	17	0	0	14	23
	often	2	14	19	40	1	100	22	35
	very often	6	43	19	40	0	0	25	40
Total		14	100	47	100	1	100	62	100
Discussed why some people get along	never	2	14	2	4	0	0	4	6
	occasionally	4	29	13	28	0	0	17	27
	often	3	21	15	32	1	100	19	31
	very often	5	36	17	36	0	0	22	35
Total		14	100	47	100	1	100	62	100
Asked for help with a personal problem	never	1	7	2	4	0	0	3	5
	occasionally	5	36	10	21	0	0	15	24
	often	4	29	12	26	0	0	16	26
	very often	4	29	23	49	1	100	28	45
Total		14	100	47	100	1	100	62	100
Read about personal growth/self-improve	never	6	43	13	28	0	0	19	31
	occasionally	3	21	16	34	1	100	20	32
	often	3	21	10	21	0	0	13	21
	very often	2	14	8	17	0	0	10	16
Total		14	100	47	100	1	100	62	100
Identified with book/movie/TV character	never	0	0	2	4	0	0	2	3
	occasionally	3	21	12	26	1	100	16	26
	often	6	43	15	32	0	0	21	34
	very often	5	36	18	38	0	0	23	37
Total		14	100	47	100	1	100	62	100
Took test to measure abilities/interests	never	3	21	3	6	0	0	6	10
	occasionally	5	36	26	55	1	100	32	52
	often	2	14	7	15	0	0	9	15
	very often	4	29	11	23	0	0	15	24
Total		14	100	47	100	1	100	62	100
Asked friend his/her opinion of you	never	4	29	6	13	0	0	10	16
	occasionally	4	29	19	40	1	100	24	39
	often	3	21	10	21	0	0	13	21
	very often	3	21	12	26	0	0	15	24
Total		14	100	47	100	1	100	62	100
Talked with F/S about personal concern	never	6	43	21	45	0	0	27	44
	occasionally	6	43	14	30	1	100	21	34
	often	1	7	7	15	0	0	8	13
	very often	1	7	5	11	0	0	6	10
Total		14	100	47	100	1	100	62	100

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**Student Acquaintances**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Acquainted: students of diff. interests	occasionally	2	14	6	13	0	0	8	13
	often	7	50	21	45	1	100	29	47
	very often	5	36	20	43	0	0	25	40
Total		14	100	47	100	1	100	62	100
Acquainted: students of diff. background	never	0	0	1	2	0	0	1	2
	occasionally	0	0	7	15	1	100	8	13
	often	8	57	20	43	0	0	28	45
	very often	6	43	19	40	0	0	25	40
Total		14	100	47	100	1	100	62	100
Acquainted: students of diff. age	occasionally	1	7	7	15	0	0	8	13
	often	7	50	25	53	1	100	33	53
	very often	6	43	15	32	0	0	21	34
Total		14	100	47	100	1	100	62	100
Acquainted: students of diff. race	occasionally	1	7	13	28	1	100	15	24
	often	8	57	16	34	0	0	24	39
	very often	5	36	18	38	0	0	23	37
Total		14	100	47	100	1	100	62	100
Acquainted: students from other country	never	0	0	1	2	0	0	1	2
	occasionally	4	29	18	39	1	100	23	38
	often	8	57	16	35	0	0	24	39
	very often	2	14	11	24	0	0	13	21
Total		14	100	46	100	1	100	61	100
Discussions: students of diff. values	never	0	0	2	4	0	0	2	3
	occasionally	4	29	8	17	1	100	13	21
	often	6	43	19	40	0	0	25	40
	very often	4	29	18	38	0	0	22	35
Total		14	100	47	100	1	100	62	100
Discussions: students of diff. political	never	0	0	6	13	0	0	6	10
	occasionally	2	14	9	19	1	100	12	19
	often	6	43	17	36	0	0	23	37
	very often	6	43	15	32	0	0	21	34
Discussions: students of diff. religious	never	1	7	2	4	0	0	3	5
	occasionally	3	21	15	32	1	100	19	31
	often	5	36	13	28	0	0	18	29
	very often	5	36	17	36	0	0	22	35
Total		14	100	47	100	1	100	62	100
Discussions: students of diff. race	never	0	0	3	6	0	0	3	5
	occasionally	3	21	21	45	1	100	25	40
	often	6	43	10	21	0	0	16	26
	very often	5	36	13	28	0	0	18	29
Total		14	100	47	100	1	100	62	100
Discussions: students of diff. country	never	1	7	10	21	0	0	11	18
	occasionally	4	29	17	36	1	100	22	35
	often	5	36	10	21	0	0	15	24
	very often	4	29	10	21	0	0	14	23
Total		14	100	47	100	1	100	62	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	1	7	0	0	0	0	1	2
	occasionally	3	21	10	21	0	0	13	21
	often	2	14	16	34	1	100	19	31
	very often	8	57	21	45	0	0	29	47
Total		14	100	47	100	1	100	62	100
Expressed relationships using math terms	never	2	14	1	2	0	0	3	5
	occasionally	3	21	21	45	1	100	25	40
	often	1	7	15	32	0	0	16	26
	very often	8	57	10	21	0	0	18	29
Total		14	100	47	100	1	100	62	100
Explained scientific concept to others	never	2	14	3	6	0	0	5	8
	occasionally	5	36	20	43	1	100	26	42
	often	2	14	16	34	0	0	18	29
	very often	5	36	8	17	0	0	13	21
Total		14	100	47	100	1	100	62	100
Read articles about science not assigned	never	4	29	17	36	1	100	22	35
	occasionally	3	21	17	36	0	0	20	32
	often	2	14	8	17	0	0	10	16
	very often	5	36	5	11	0	0	10	16
Total		14	100	47	100	1	100	62	100
Completed an experiment w/sci. methods	never	1	7	6	13	1	100	8	13
	occasionally	6	43	18	38	0	0	24	39
	often	1	7	12	26	0	0	13	21
	very often	6	43	11	23	0	0	17	27
Total		14	100	47	100	1	100	62	100
Practiced using laboratory equipment	never	4	29	13	28	1	100	18	29
	occasionally	3	21	13	28	0	0	16	26
	often	1	7	11	23	0	0	12	19
	very often	6	43	10	21	0	0	16	26
Total		14	100	47	100	1	100	62	100
Showed how to use scientific equipment	never	6	43	13	28	0	0	19	31
	occasionally	3	21	20	43	1	100	24	39
	often	0	0	9	19	0	0	9	15
	very often	5	36	5	11	0	0	10	16
Total		14	100	47	100	1	100	62	100
Explained experimental procedure	never	5	36	9	19	1	100	15	24
	occasionally	3	21	22	47	0	0	25	40
	often	1	7	11	23	0	0	12	19
	very often	5	36	5	11	0	0	10	16
Total		14	100	47	100	1	100	62	100
Compared sci. method with other methods	never	5	36	15	32	1	100	21	34
	occasionally	3	21	18	38	0	0	21	34
	often	1	7	10	21	0	0	11	18
	very often	5	36	4	9	0	0	9	15
Explained scientific basis for concerns	never	5	36	11	23	0	0	16	26
	occasionally	3	21	22	47	1	100	26	42
	often	3	21	11	23	0	0	14	23
	very often	3	21	3	6	0	0	6	10
Total		14	100	47	100	1	100	62	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	occasionally	2	14	14	30	0	0	16	26
	often	6	43	25	53	1	100	32	52
	very often	6	43	8	17	0	0	14	23
	<b>Total</b>	14	100	47	100	1	100	62	100
Topic: Social issues--peace,justice, etc	never	0	0	2	4	0	0	2	3
	occasionally	3	20	15	32	0	0	18	29
	often	5	33	21	45	1	100	27	43
	very often	7	47	9	19	0	0	16	25
<b>Total</b>	15	100	47	100	1	100	63	100	
Topic: Different lifestyles, etc.	never	0	0	1	2	0	0	1	2
	occasionally	2	13	13	28	1	100	16	25
	often	8	53	25	53	0	0	33	52
	very often	5	33	8	17	0	0	13	21
<b>Total</b>	15	100	47	100	1	100	63	100	
Topic: Ideas of writers, etc.	never	1	7	6	13	0	0	7	11
	occasionally	7	47	20	43	1	100	28	44
	often	3	20	18	38	0	0	21	33
	very often	4	27	3	6	0	0	7	11
<b>Total</b>	15	100	47	100	1	100	63	100	
Topic: The arts--painting, poetry, etc.	never	1	7	2	4	0	0	3	5
	occasionally	5	33	24	51	1	100	30	48
	often	7	47	11	23	0	0	18	29
	very often	2	13	10	21	0	0	12	19
<b>Total</b>	15	100	47	100	1	100	63	100	
Topic: Science--theories, etc.	never	5	33	14	30	0	0	19	30
	occasionally	2	13	21	45	1	100	24	38
	often	3	20	8	17	0	0	11	17
	very often	5	33	4	9	0	0	9	14
Topic: Computers and other technologies	never	0	0	9	19	0	0	9	14
	occasionally	6	40	25	53	0	0	31	49
	often	4	27	11	23	1	100	16	25
	very often	5	33	2	4	0	0	7	11
<b>Total</b>	15	100	47	100	1	100	63	100	
Topic: Social/ethical issues re: science	never	0	0	1	2	0	0	1	2
	occasionally	6	40	27	57	1	100	34	54
	often	5	33	14	30	0	0	19	30
	very often	4	27	5	11	0	0	9	14
<b>Total</b>	15	100	47	100	1	100	63	100	
Topic: The economy--employment, etc.	never	1	7	2	4	0	0	3	5
	occasionally	3	20	23	50	1	100	27	44
	often	6	40	16	35	0	0	22	35
	very often	5	33	5	11	0	0	10	16
<b>Total</b>	15	100	46	100	1	100	62	100	
Topic: International relations	never	1	7	4	9	0	0	5	8
	occasionally	4	27	18	39	0	0	22	35
	often	7	47	17	37	1	100	25	40
	very often	3	20	7	15	0	0	10	16
<b>Total</b>	15	100	46	100	1	100	62	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	7	0	0	0	0	1	2
	occasionally	1	7	10	22	1	100	12	19
	often	9	60	23	50	0	0	32	52
	very often	4	27	13	28	0	0	17	27
Total		15	100	46	100	1	100	62	100
Explored different ways of thinking	occasionally	5	33	14	30	1	100	20	32
	often	5	33	24	52	0	0	29	47
	very often	5	33	8	17	0	0	13	21
Total		15	100	46	100	1	100	62	100
Referred to something instructor said	never	1	7	1	2	0	0	2	3
	occasionally	2	13	13	28	0	0	15	24
	often	9	60	21	46	1	100	31	50
	very often	3	20	11	24	0	0	14	23
Total		15	100	46	100	1	100	62	100
Subsequently read something on a topic	never	2	13	1	2	0	0	3	5
	occasionally	5	33	18	40	1	100	24	39
	often	2	13	20	44	0	0	22	36
	very often	6	40	6	13	0	0	12	20
Total		15	100	45	100	1	100	61	100
Changed opinion because of others	never	2	13	4	9	0	0	6	10
	occasionally	6	40	28	61	1	100	35	56
	often	1	7	10	22	0	0	11	18
	very often	6	40	4	9	0	0	10	16
Total		15	100	46	100	1	100	62	100
Persuaded others to change their minds	never	0	0	3	7	0	0	3	5
	occasionally	9	60	27	59	1	100	37	60
	often	1	7	13	28	0	0	14	23
	very often	5	33	3	7	0	0	8	13
Total		15	100	46	100	1	100	62	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	1	7	0	0	0	0	1	2
	fewer than 5	3	20	12	26	0	0	15	24
	between 5 and 10	9	60	20	43	1	100	30	48
	between 10 and 20	1	7	13	28	0	0	14	22
	more than 20	1	7	2	4	0	0	3	5
Total		15	100	47	100	1	100	63	100
Number of course packets read	none	1	7	1	2	0	0	2	3
	fewer than 5	10	67	26	55	1	100	37	59
	between 5 and 10	3	20	12	26	0	0	15	24
	between 10 and 20	1	7	6	13	0	0	7	11
	more than 20	0	0	2	4	0	0	2	3
Total		15	100	47	100	1	100	63	100
Number of non-assigned books read	none	1	7	4	9	0	0	5	8
	fewer than 5	9	60	29	62	1	100	39	62
	between 5 and 10	4	27	6	13	0	0	10	16
	between 10 and 20	1	7	3	6	0	0	4	6
	more than 20	0	0	5	11	0	0	5	8
Total		15	100	47	100	1	100	63	100
Number of essays written	none	1	7	0	0	0	0	1	2
	fewer than 5	2	13	17	36	1	100	20	32
	between 5 and 10	8	53	18	38	0	0	26	41
	between 10 and 20	4	27	11	23	0	0	15	24
	more than 20	0	0	1	2	0	0	1	2
Total		15	100	47	100	1	100	63	100
Number of term papers written	fewer than 5	1	7	15	32	0	0	16	25
	between 5 and 10	8	53	13	28	0	0	21	33
	between 10 and 20	5	33	12	26	1	100	18	29
	more than 20	1	7	7	15	0	0	8	13
Total		15	100	47	100	1	100	63	100
Overall opinion of college	low	2	13	0	0	0	0	2	3
	3	1	7	1	2	0	0	2	3
	4	2	13	4	9	0	0	6	10
	5	1	7	5	11	0	0	6	10
	6	1	7	17	36	1	100	19	30
	7	7	47	13	28	0	0	20	32
	high	1	7	7	15	0	0	8	13
Total		15	100	47	100	1	100	63	100

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**Measures of the College Environment**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Env. Emphasis: Scholarship	3	1	7	1	2	0	0	2	3
	4	1	7	2	4	0	0	3	5
	5	3	20	3	6	0	0	6	10
	6	8	53	18	38	0	0	26	41
strong emphasis	2	13	23	49	1	100	26	41	
Total	15	100	47	100	1	100	63	100	
Env. Emphasis: Aesthetics	2	0	0	2	4	0	0	2	3
	3	0	0	5	11	0	0	5	8
	4	3	20	8	17	0	0	11	17
	5	4	27	10	21	0	0	14	22
	6	5	33	15	32	1	100	21	33
strong emphasis	3	20	7	15	0	0	10	16	
Total	15	100	47	100	1	100	63	100	
Env. Emphasis: Analysis	3	1	7	1	2	0	0	2	3
	4	2	13	1	2	0	0	3	5
	5	4	27	13	28	0	0	17	27
	6	6	40	15	32	1	100	22	35
strong emphasis	2	13	17	36	0	0	19	30	
Total	15	100	47	100	1	100	63	100	
Env. Emphasis: Diversity	weak emphasis	0	0	4	9	0	0	4	6
	2	1	7	2	4	0	0	3	5
	3	1	7	6	13	0	0	7	11
	4	4	27	9	19	0	0	13	21
	5	5	33	12	26	1	100	18	29
	6	2	13	11	23	0	0	13	21
strong emphasis	2	13	3	6	0	0	5	8	
Total	15	100	47	100	1	100	63	100	
Env. Emphasis: Info. literacy skills	weak emphasis	0	0	1	2	0	0	1	2
	2	0	0	1	2	0	0	1	2
	3	2	13	3	6	0	0	5	8
	4	4	27	6	13	0	0	10	16
	5	2	13	12	26	1	100	15	24
	6	5	33	16	34	0	0	21	33
strong emphasis	2	13	8	17	0	0	10	16	
Total	15	100	47	100	1	100	63	100	
Env. Emphasis: Vocational	weak emphasis	0	0	2	4	0	0	2	3
	2	2	13	6	13	0	0	8	13
	3	2	13	7	15	0	0	9	14
	4	5	33	8	17	0	0	13	21
	5	1	7	14	30	0	0	15	24
	6	4	27	6	13	1	100	11	17
strong emphasis	1	7	4	9	0	0	5	8	
Total	15	100	47	100	1	100	63	100	
Env. Emphasis: Practical courses	weak emphasis	1	7	0	0	0	0	1	2
	2	2	13	0	0	0	0	2	3
	3	3	20	6	13	0	0	9	14
	4	0	0	14	30	0	0	14	22
	5	5	33	12	26	1	100	18	29
	6	3	20	11	23	0	0	14	22
strong emphasis	1	7	4	9	0	0	5	8	
Relationships: Other students	2	0	0	1	2	0	0	1	2
	3	1	7	1	2	0	0	2	3
	4	4	29	4	9	0	0	8	13
	5	3	21	6	13	0	0	9	15
	6	2	14	19	40	0	0	21	34
friendly	4	29	16	34	1	100	21	34	
Total	14	100	47	100	1	100	62	100	

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**Measures of the College Environment**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Relationships:	rigid	1	7	1	2	0	0	2	3
Administrative	2	1	7	1	2	0	0	2	3
personnel	3	0	0	4	9	0	0	4	6
	4	6	43	7	15	0	0	13	21
	5	2	14	16	34	0	0	18	29
	6	3	21	18	38	1	100	22	35
	helpful	1	7	0	0	0	0	1	2
Total		14	100	47	100	1	100	62	100
Relationships:	3	1	7	0	0	0	0	1	2
Faculty	4	2	14	7	15	0	0	9	15
members	5	3	21	15	32	0	0	18	29
	6	6	43	21	45	1	100	28	45
	approachable	2	14	4	9	0	0	6	10
Total		14	100	47	100	1	100	62	100

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**Estimates of Gains**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Vocational preparation	very little	4	27	5	11	0	0	9	14
	some	6	40	11	23	0	0	17	27
	quite a bit	5	33	21	45	1	100	27	43
	very much	0	0	10	21	0	0	10	16
Total		15	100	47	100	1	100	63	100
Gain: Skills for professional career	very little	0	0	1	2	0	0	1	2
	some	4	27	7	15	0	0	11	17
	quite a bit	8	53	24	51	1	100	33	52
	very much	3	20	15	32	0	0	18	29
Total		15	100	47	100	1	100	63	100
Gain: Broad general education	some	3	20	11	23	0	0	14	22
	quite a bit	8	53	24	51	1	100	33	52
	very much	4	27	12	26	0	0	16	25
Total		15	100	47	100	1	100	63	100
Gain: Career information	very little	1	7	2	4	0	0	3	5
	some	6	40	7	15	0	0	13	21
	quite a bit	6	40	28	60	1	100	35	56
	very much	2	13	10	21	0	0	12	19
Total		15	100	47	100	1	100	63	100
Gain: Enjoyment of art, music, drama	very little	1	7	11	23	0	0	12	19
	some	5	33	21	45	1	100	27	43
	quite a bit	8	53	4	9	0	0	12	19
	very much	1	7	11	23	0	0	12	19
Total		15	100	47	100	1	100	63	100
Gain: Acquaintance with literature	very little	2	13	8	17	0	0	10	16
	some	7	47	17	36	0	0	24	38
	quite a bit	4	27	11	23	1	100	16	25
	very much	2	13	11	23	0	0	13	21
Total		15	100	47	100	1	100	63	100
Gain: Understanding history	very little	1	7	10	21	0	0	11	17
	some	7	47	16	34	1	100	24	38
	quite a bit	4	27	13	28	0	0	17	27
	very much	3	20	8	17	0	0	11	17
Total		15	100	47	100	1	100	63	100
Gain: Knowledge about world	very little	1	7	11	23	0	0	12	19
	some	6	40	23	49	1	100	30	48
	quite a bit	8	53	10	21	0	0	18	29
	very much	0	0	3	6	0	0	3	5
Total		15	100	47	100	1	100	63	100
Gain: Writing effectively	very little	0	0	1	2	0	0	1	2
	some	8	53	11	23	0	0	19	30
	quite a bit	5	33	22	47	1	100	28	44
	very much	2	13	13	28	0	0	15	24
Total		15	100	47	100	1	100	63	100
Gain: Speaking effectively	very little	1	7	2	4	0	0	3	5
	some	4	27	10	21	0	0	14	22
	quite a bit	8	53	27	57	1	100	36	57
	very much	2	13	8	17	0	0	10	16
Total		15	100	47	100	1	100	63	100
Gain: Using computers, other info tech	very little	0	0	2	4	0	0	2	3
	some	3	20	9	19	0	0	12	19
	quite a bit	8	53	22	47	0	0	30	48
	very much	4	27	14	30	1	100	19	30
Total		15	100	47	100	1	100	63	100
Gain: Awareness of other philosophies	very little	1	7	4	9	0	0	5	8
	some	3	20	18	38	1	100	22	35
	quite a bit	8	53	18	38	0	0	26	41
	very much	3	20	7	15	0	0	10	16

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**Estimates of Gains**

	Sex of student							Total	
	Male		Female		Missing		N	%	
	N	%	N	%	N	%			
Total	15	100	47	100	1	100	63	100	
Gain: Values and ethical standards									
very little	0	0	2	4	0	0	2	3	
some	4	27	12	26	0	0	16	25	
quite a bit	7	47	19	40	1	100	27	43	
very much	4	27	14	30	0	0	18	29	
Total	15	100	47	100	1	100	63	100	
Gain: Understanding self									
very little	1	7	1	2	0	0	2	3	
some	3	20	9	19	0	0	12	19	
quite a bit	5	33	21	45	1	100	27	43	
very much	6	40	16	34	0	0	22	35	
Gain: Getting along with others									
very little	1	7	2	4	0	0	3	5	
some	3	20	12	26	0	0	15	24	
quite a bit	5	33	20	43	0	0	25	40	
very much	6	40	13	28	1	100	20	32	
Total	15	100	47	100	1	100	63	100	
Gain: Functioning as a team member									
very little	2	13	1	2	0	0	3	5	
some	2	13	13	28	0	0	15	24	
quite a bit	7	47	24	51	0	0	31	49	
very much	4	27	9	19	1	100	14	22	
Total	15	100	47	100	1	100	63	100	
Gain: Personal health habits and fitness									
very little	3	20	4	9	0	0	7	11	
some	3	20	19	40	0	0	22	35	
quite a bit	6	40	18	38	0	0	24	38	
very much	3	20	6	13	1	100	10	16	
Total	15	100	47	100	1	100	63	100	
Gain: Understanding science									
very little	4	27	5	11	0	0	9	14	
some	3	20	19	40	0	0	22	35	
quite a bit	3	20	15	32	1	100	19	30	
very much	5	33	8	17	0	0	13	21	
Total	15	100	47	100	1	100	63	100	
Gain: Understanding new technology									
very little	4	27	9	19	0	0	13	21	
some	3	20	20	43	1	100	24	38	
quite a bit	4	27	10	21	0	0	14	22	
very much	4	27	8	17	0	0	12	19	
Total	15	100	47	100	1	100	63	100	
Gain: Consequences of science, tech.									
very little	3	20	7	15	0	0	10	16	
some	5	33	19	40	0	0	24	38	
quite a bit	2	13	15	32	1	100	18	29	
very much	5	33	6	13	0	0	11	17	
Total	15	100	47	100	1	100	63	100	
Gain: Thinking analytically									
very little	2	13	0	0	0	0	2	3	
some	2	13	6	13	1	100	9	14	
quite a bit	3	20	26	55	0	0	29	46	
very much	8	53	15	32	0	0	23	37	
Total	15	100	47	100	1	100	63	100	
Gain: Analyzing quantitative problems									
very little	1	7	3	6	0	0	4	6	
some	4	27	25	53	1	100	30	48	
quite a bit	4	27	14	30	0	0	18	29	
very much	6	40	5	11	0	0	11	17	
Total	15	100	47	100	1	100	63	100	
Gain: Synthesizing ideas									
some	6	40	14	30	0	0	20	32	
quite a bit	2	13	19	40	1	100	22	35	
very much	7	47	14	30	0	0	21	33	
Total	15	100	47	100	1	100	63	100	
Gain: Learning on one's own									
very little	0	0	1	2	0	0	1	2	
some	2	13	10	21	0	0	12	19	
quite a bit	7	47	24	51	1	100	32	51	
very much	6	40	12	26	0	0	18	29	

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**Estimates of Gains**

	Sex of student							Total	
	Male		Female		Missing		N	%	
	N	%	N	%	N	%			
Total	15	100	47	100	1	100	63	100	
Gain: Adapting to change	very little	1	7	3	6	0	0	4	6
	some	2	13	8	17	0	0	10	16
	quite a bit	7	47	24	51	0	0	31	49
	very much	5	33	12	26	1	100	18	29
Total	15	100	47	100	1	100	63	100	



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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Additional question #1	response C	1	7	5	11	1	100	7	11
	response D	9	60	32	68	0	0	41	65
	response E	5	33	10	21	0	0	15	24
	Total	15	100	47	100	1	100	63	100
Additional question #2	response A	1	7	7	15	1	100	9	14
	response B	4	27	4	9	0	0	8	13
	response C	1	7	17	36	0	0	18	29
	response D	3	20	7	15	0	0	10	16
	response E	6	40	12	26	0	0	18	29
Total	15	100	47	100	1	100	63	100	
Additional question #3	response A	1	7	3	6	0	0	4	6
	response B	2	13	16	34	0	0	18	29
	response C	6	40	14	30	1	100	21	33
	response D	5	33	10	21	0	0	15	24
	response E	1	7	4	9	0	0	5	8
Total	15	100	47	100	1	100	63	100	
Additional question #4	response A	1	7	10	21	0	0	11	17
	response B	7	47	31	66	1	100	39	62
	response C	7	47	5	11	0	0	12	19
	response D	0	0	1	2	0	0	1	2
Total	15	100	47	100	1	100	63	100	
Additional question #5	response A	2	17	5	14	0	0	7	14
	response B	2	17	3	8	0	0	5	10
	response C	2	17	5	14	1	100	8	16
	response D	5	42	21	57	0	0	26	52
	response E	1	8	3	8	0	0	4	8
Total	12	100	37	100	1	100	50	100	
Additional question #6	response A	2	20	9	26	0	0	11	25
	response B	4	40	12	35	0	0	16	36
	response C	1	10	10	29	0	0	11	25
	response D	3	30	3	9	0	0	6	14
Total	10	100	34	100	0	0	44	100	
Additional question #7	response A	1	7	5	11	0	0	6	10
	response B	7	47	20	43	1	100	28	44
	response C	5	33	17	36	0	0	22	35
	response D	1	7	4	9	0	0	5	8
	response E	1	7	1	2	0	0	2	3
Total	15	100	47	100	1	100	63	100	
Additional question #8	response A	1	7	2	4	0	0	3	5
	response B	3	20	11	23	0	0	14	22
	response C	5	33	15	32	1	100	21	33
	response D	3	20	13	28	0	0	16	25
	response E	3	20	6	13	0	0	9	14
Total	15	100	47	100	1	100	63	100	
Additional question #9	response A	6	40	6	13	0	0	12	19
	response B	4	27	8	17	0	0	12	19
	response C	2	13	23	50	0	0	25	40
	response D	2	13	6	13	1	100	9	15
	response E	1	7	3	7	0	0	4	6
Total	15	100	46	100	1	100	62	100	

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Additional question #10	response A	3	20	6	13	0	0	9	15
	response B	6	40	21	46	0	0	27	44
	response C	4	27	18	39	1	100	23	37
	response D	1	7	0	0	0	0	1	2
	response E	1	7	1	2	0	0	2	3
Total		15	100	46	100	1	100	62	100
Additional question #11	response A	2	13	12	26	0	0	14	23
	response B	8	53	23	50	0	0	31	50
	response C	5	33	9	20	1	100	15	24
	response D	0	0	1	2	0	0	1	2
	response E	0	0	1	2	0	0	1	2
Total		15	100	46	100	1	100	62	100
Additional question #12	response A	4	27	6	13	0	0	10	16
	response B	3	20	10	22	0	0	13	21
	response C	5	33	13	28	1	100	19	31
	response D	2	13	13	28	0	0	15	24
	response E	1	7	4	9	0	0	5	8
Total		15	100	46	100	1	100	62	100
Additional question #13	response A	2	14	4	9	0	0	6	10
	response B	3	21	8	17	0	0	11	18
	response C	4	29	16	35	1	100	21	34
	response D	1	7	12	26	0	0	13	21
	response E	4	29	6	13	0	0	10	16
Total		14	100	46	100	1	100	61	100
Additional question #14	response A	0	0	3	7	0	0	3	5
	response B	6	40	16	36	1	100	23	38
	response C	4	27	17	38	0	0	21	34
	response D	4	27	8	18	0	0	12	20
	response E	1	7	1	2	0	0	2	3
Total		15	100	45	100	1	100	61	100
Additional question #15	response A	1	7	6	13	0	0	7	11
	response B	4	27	16	35	0	0	20	32
	response C	4	27	18	39	1	100	23	37
	response D	6	40	5	11	0	0	11	18
	response E	0	0	1	2	0	0	1	2
Total		15	100	46	100	1	100	62	100
Additional question #16	response A	4	27	10	22	0	0	14	23
	response B	4	27	13	28	1	100	18	29
	response C	5	33	18	39	0	0	23	37
	response D	1	7	4	9	0	0	5	8
	response E	1	7	1	2	0	0	2	3
Total		15	100	46	100	1	100	62	100
Additional question #17	response A	3	20	9	20	0	0	12	19
	response B	4	27	16	35	0	0	20	32
	response C	5	33	15	33	1	100	21	34
	response D	3	20	4	9	0	0	7	11
	response E	0	0	2	4	0	0	2	3
Total		15	100	46	100	1	100	62	100
Additional question #18	response A	2	13	8	17	0	0	10	16
	response B	3	20	8	17	0	0	11	18
	response C	4	27	8	17	0	0	12	19
	response D	4	27	14	30	1	100	19	31
	response E	2	13	8	17	0	0	10	16
Total		15	100	46	100	1	100	62	100

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Additional question #19	response A	3	20	11	24	0	0	14	23
	response B	3	20	11	24	0	0	14	23
	response C	7	47	19	41	0	0	26	42
	response D	2	13	5	11	1	100	8	13
Total		15	100	46	100	1	100	62	100
Additional question #20	response A	8	53	15	33	0	0	23	37
	response B	5	33	28	61	1	100	34	55
	response C	1	7	3	7	0	0	4	6
	response D	1	7	0	0	0	0	1	2
Total		15	100	46	100	1	100	62	100

**Library Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Used the library to study	Sex of student	Male	15	15	2.40	.737	.190
		Female	47	47	2.38	.874	.127
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.40	.834	.105
Found something interesting browsing	Sex of student	Male	15	15	2.13	.834	.215
		Female	47	47	2.02	.766	.112
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.05	.771	.097
Asked a librarian/staff member for help	Sex of student	Male	15	15	2.33	.724	.187
		Female	47	47	2.06	.567	.083
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.13	.609	.077
Read assigned material not texts	Sex of student	Male	15	15	2.60	.737	.190
		Female	47	47	2.30	.720	.105
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.37	.725	.091
Used index or database to find material	Sex of student	Male	15	15	3.13	.640	.165
		Female	47	47	3.38	.677	.099
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.32	.668	.084
Wrote bibliography for a term paper	Sex of student	Male	15	15	3.13	.743	.192
		Female	47	47	3.28	.713	.104
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.24	.712	.090
Gone back to read basic reference	Sex of student	Male	15	15	2.27	1.163	.300
		Female	47	47	1.83	.892	.130
		Missing	1	1	3.00	.	.
	Group Total		63	63	1.95	.974	.123
Made a judgment about quality of info.	Sex of student	Male	15	15	2.67	.816	.211
		Female	47	47	3.00	.834	.122
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.90	.837	.105

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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	15	15	3.93	.258	.067
		Female	47	47	3.94	.247	.036
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.94	.246	.031
Used e-mail to communicate with class	Sex of student	Male	15	15	3.53	.743	.192
		Female	47	47	3.79	.508	.074
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.73	.574	.072
Used computer tutorial to learn material	Sex of student	Male	15	15	2.07	.884	.228
		Female	47	47	2.43	.972	.142
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.33	.950	.120
Joined in electronic class discussions	Sex of student	Male	15	15	1.93	.961	.248
		Female	47	47	1.81	.825	.120
		Missing	1	1	3.00	.	.
	Group Total		63	63	1.86	.859	.108
Searched Internet for course material	Sex of student	Male	15	15	3.47	.640	.165
		Female	47	47	3.77	.633	.092
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.70	.638	.080
Retrieved off-campus library materials	Sex of student	Male	15	15	2.60	.986	.254
		Female	47	47	2.09	1.060	.155
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.22	1.054	.133
Made visual displays with computer	Sex of student	Male	15	15	3.20	.862	.223
		Female	47	47	2.83	.892	.130
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.92	.885	.112
Used a computer to analyze data	Sex of student	Male	15	15	3.07	.884	.228
		Female	47	47	2.68	.935	.136
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.78	.924	.116
Developed Web page, multimedia present.	Sex of student	Male	15	15	2.40	1.056	.273
		Female	47	47	2.30	1.041	.152
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.32	1.029	.130

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**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Completed assigned readings	Sex of student	Male	15	15	3.07	.884	.228
		Female	47	47	3.38	.610	.089
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.32	.692	.087
Took detailed class notes	Sex of student	Male	15	15	3.27	1.033	.267
		Female	47	47	3.53	.584	.085
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.48	.715	.090
Contributed to class discussions	Sex of student	Male	15	15	3.13	.640	.165
		Female	47	46	3.07	.800	.118
		Missing	1	1	3.00	.	.
	Group Total		63	62	3.08	.753	.096
Developed role play/case study for class	Sex of student	Male	15	15	1.87	.990	.256
		Female	47	47	2.00	.834	.122
		Missing	1	1	3.00	.	.
	Group Total		63	63	1.98	.871	.110
Put together different facts and ideas	Sex of student	Male	15	15	2.93	.884	.228
		Female	47	47	3.00	.722	.105
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.00	.762	.096
Summarized major points and information	Sex of student	Male	15	15	2.87	.915	.236
		Female	47	47	3.23	.786	.115
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.16	.827	.104
Worked with others on class project	Sex of student	Male	15	15	3.27	.594	.153
		Female	47	46	3.26	.681	.100
		Missing	1	1	3.00	.	.
	Group Total		63	62	3.26	.651	.083
Applied class material to other areas	Sex of student	Male	15	15	2.80	.862	.223
		Female	47	47	3.21	.657	.096
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.11	.721	.091
Used info. from other areas in class	Sex of student	Male	15	15	3.07	.799	.206
		Female	47	47	3.00	.752	.110
		Missing	1	1	2.00	.	.
	Group Total		63	63	3.00	.762	.096
Explained course material to others	Sex of student	Male	15	15	3.07	.799	.206
		Female	47	47	3.00	.692	.101
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.02	.707	.089
Worked on project integrating ideas	Sex of student	Male	15	15	3.40	.632	.163
		Female	47	47	3.30	.657	.096
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.32	.643	.081

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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	15	15	2.80	.941	.243
		Female	47	47	3.04	.859	.125
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.00	.880	.111
Thought about grammar, etc while writing	Sex of student	Male	15	15	3.00	.926	.239
		Female	47	47	3.49	.748	.109
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.37	.809	.102
Asked others to read your writing	Sex of student	Male	15	15	3.13	.915	.236
		Female	47	47	3.11	.814	.119
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.11	.825	.104
Referred to a style manual	Sex of student	Male	15	15	2.67	1.047	.270
		Female	47	47	3.00	.834	.122
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.92	.885	.112
Revised a paper two or more times	Sex of student	Male	15	15	2.67	1.047	.270
		Female	47	46	3.09	1.050	.155
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.98	1.048	.133
Asked for writing advice	Sex of student	Male	15	15	2.73	.884	.228
		Female	47	47	2.38	.898	.131
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.46	.895	.113
Prepared major report for class	Sex of student	Male	15	15	2.07	1.033	.267
		Female	47	47	2.13	1.076	.157
		Missing	1	1	1.00	.	.
	Group Total		63	63	2.10	1.058	.133

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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	15	15	3.27	.704	.182
		Female	47	47	2.91	.775	.113
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.02	.772	.097
Discussed academic program with faculty	Sex of student	Male	15	15	2.73	.799	.206
		Female	47	47	2.77	.840	.122
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.76	.817	.103
Discussed term paper with faculty	Sex of student	Male	15	15	2.93	.799	.206
		Female	47	47	2.55	.829	.121
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.63	.829	.104
Discussed career plans with faculty	Sex of student	Male	15	15	2.47	.834	.215
		Female	47	47	2.34	.815	.119
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.37	.809	.102
Worked harder due to instructor feedback	Sex of student	Male	15	15	2.73	.799	.206
		Female	47	47	2.98	.766	.112
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.92	.768	.097
Socialized with faculty outside of class	Sex of student	Male	15	15	2.20	.862	.223
		Female	47	47	1.89	.914	.133
		Missing	1	1	1.00	.	.
	Group Total		63	63	1.95	.906	.114
Discussed with others outside of class	Sex of student	Male	15	15	2.47	.915	.236
		Female	47	47	2.11	.890	.130
		Missing	1	1	1.00	.	.
	Group Total		63	63	2.17	.908	.114
Asked instructor about performance	Sex of student	Male	15	15	2.27	.884	.228
		Female	47	47	2.17	.868	.127
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.19	.859	.108
Worked to meet faculty expectations	Sex of student	Male	15	15	2.27	.884	.228
		Female	47	47	2.64	.919	.134
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.56	.912	.115
Worked with faculty member on research	Sex of student	Male	15	15	1.93	.961	.248
		Female	47	47	1.85	1.042	.152
		Missing	1	1	1.00	.	.
	Group Total		63	63	1.86	1.014	.128

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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	15	15	2.13	.990	.256
		Female	47	47	2.55	1.017	.148
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.44	1.012	.128
Went to exhibit or performance	Sex of student	Male	15	15	2.47	.915	.236
		Female	47	47	2.62	.945	.138
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.57	.928	.117
Participated in art or theater activity	Sex of student	Male	15	15	1.53	.915	.236
		Female	47	47	1.85	1.103	.161
		Missing	1	1	2.00	.	.
	Group Total		63	63	1.78	1.054	.133
Talked about music or musicians	Sex of student	Male	15	15	3.07	1.223	.316
		Female	47	47	2.72	1.015	.148
		Missing	1	1	4.00	.	.
	Group Total		63	63	2.83	1.071	.135
Attended a concert or other music event	Sex of student	Male	15	15	3.07	.961	.248
		Female	47	47	2.64	.942	.137
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.75	.950	.120
Participated in music activity	Sex of student	Male	15	14	1.93	1.207	.322
		Female	47	47	1.91	1.060	.155
		Missing	1	1	1.00	.	.
	Group Total		63	62	1.90	1.082	.137
Read or discussed opinions of critics	Sex of student	Male	15	15	2.13	.915	.236
		Female	47	47	2.13	1.055	.154
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.13	1.008	.127



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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	15	14	2.57	1.016	.272
		Female	47	47	2.26	.896	.131
		Missing	1	1	4.00	.	.
	Group Total		63	62	2.35	.943	.120
Met other students for discussion	Sex of student	Male	15	14	3.00	1.038	.277
		Female	47	47	2.74	.765	.112
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.81	.827	.105
Attended cultural/social event	Sex of student	Male	15	14	2.50	.941	.251
		Female	47	47	2.34	.635	.093
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.39	.710	.090
Went to lecture or panel discussion	Sex of student	Male	15	14	2.21	.893	.239
		Female	47	47	2.04	.779	.114
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.08	.795	.101
Used a campus learning lab or center	Sex of student	Male	15	14	2.00	.961	.257
		Female	47	47	2.04	.779	.114
		Missing	1	1	1.00	.	.
	Group Total		63	62	2.02	.820	.104
Used campus recreational facilities	Sex of student	Male	15	14	2.86	1.167	.312
		Female	47	47	2.79	.907	.132
		Missing	1	1	4.00	.	.
	Group Total		63	62	2.82	.967	.123
Played a team sport	Sex of student	Male	15	14	2.50	1.160	.310
		Female	47	47	1.83	1.007	.147
		Missing	1	1	1.00	.	.
	Group Total		63	62	1.97	1.071	.136
Followed regular exercise schedule	Sex of student	Male	15	14	2.57	1.222	.327
		Female	47	47	2.34	1.109	.162
		Missing	1	1	1.00	.	.
	Group Total		63	62	2.37	1.134	.144

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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	15	14	2.57	1.399	.374
		Female	47	47	3.28	.949	.138
		Missing	1	1	4.00	.	.
	Group Total		63	62	3.13	1.094	.139
Worked on campus committee/organization	Sex of student	Male	15	14	1.50	.855	.228
		Female	47	47	2.70	1.140	.166
		Missing	1	1	4.00	.	.
	Group Total		63	62	2.45	1.197	.152
Worked on off-campus committee/org.	Sex of student	Male	15	14	1.71	.994	.266
		Female	47	47	2.09	1.195	.174
		Missing	1	1	1.00	.	.
	Group Total		63	62	1.98	1.152	.146
Met with faculty to discuss campus group	Sex of student	Male	15	14	1.79	.893	.239
		Female	47	47	1.96	.955	.139
		Missing	1	1	1.00	.	.
	Group Total		63	62	1.90	.936	.119
Managed an organization on or off campus	Sex of student	Male	15	14	2.43	1.284	.343
		Female	47	47	2.47	1.213	.177
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.47	1.211	.154

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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	15	14	3.00	.961	.257
		Female	47	47	3.19	.798	.116
		Missing	1	1	3.00	.	.
	Group Total		63	62	3.15	.827	.105
Discussed why some people get along	Sex of student	Male	15	14	2.79	1.122	.300
		Female	47	47	3.00	.909	.133
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.95	.948	.120
Asked for help with a personal problem	Sex of student	Male	15	14	2.79	.975	.261
		Female	47	47	3.19	.924	.135
		Missing	1	1	4.00	.	.
	Group Total		63	62	3.11	.943	.120
Read about personal growth/self-improve	Sex of student	Male	15	14	2.07	1.141	.305
		Female	47	47	2.28	1.057	.154
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.23	1.062	.135
Identified with book/movie/TV character	Sex of student	Male	15	14	3.14	.770	.206
		Female	47	47	3.04	.908	.132
		Missing	1	1	2.00	.	.
	Group Total		63	62	3.05	.876	.111
Took test to measure abilities/interests	Sex of student	Male	15	14	2.50	1.160	.310
		Female	47	47	2.55	.928	.135
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.53	.970	.123
Asked friend his/her opinion of you	Sex of student	Male	15	14	2.36	1.151	.308
		Female	47	47	2.60	1.014	.148
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.53	1.036	.132
Talked with F/S about personal concern	Sex of student	Male	15	14	1.79	.893	.239
		Female	47	47	1.91	1.018	.148
		Missing	1	1	2.00	.	.
	Group Total		63	62	1.89	.977	.124

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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	15	14	3.21	.699	.187
		Female	47	47	3.30	.689	.100
		Missing	1	1	3.00	.	.
	Group Total		63	62	3.27	.682	.087
Acquainted: students of diff. background	Sex of student	Male	15	14	3.43	.514	.137
		Female	47	47	3.21	.778	.114
		Missing	1	1	2.00	.	.
	Group Total		63	62	3.24	.740	.094
Acquainted: students of diff. age	Sex of student	Male	15	14	3.36	.633	.169
		Female	47	47	3.17	.670	.098
		Missing	1	1	3.00	.	.
	Group Total		63	62	3.21	.656	.083
Acquainted: students of diff. race	Sex of student	Male	15	14	3.29	.611	.163
		Female	47	47	3.11	.814	.119
		Missing	1	1	2.00	.	.
	Group Total		63	62	3.13	.778	.099
Acquainted: students from other country	Sex of student	Male	15	14	2.86	.663	.177
		Female	47	46	2.80	.833	.123
		Missing	1	1	2.00	.	.
	Group Total		63	61	2.80	.792	.101
Discussions: students of diff. values	Sex of student	Male	15	14	3.00	.784	.210
		Female	47	47	3.13	.850	.124
		Missing	1	1	2.00	.	.
	Group Total		63	62	3.08	.836	.106
Discussions: students of diff. political	Sex of student	Male	15	14	3.29	.726	.194
		Female	47	47	2.87	1.013	.148
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.95	.965	.123
Discussions: students of diff. religious	Sex of student	Male	15	14	3.00	.961	.257
		Female	47	47	2.96	.932	.136
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.95	.931	.118
Discussions: students of diff. race	Sex of student	Male	15	14	3.14	.770	.206
		Female	47	47	2.70	.954	.139
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.79	.926	.118
Discussions: students of diff. country	Sex of student	Male	15	14	2.86	.949	.254
		Female	47	47	2.43	1.058	.154
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.52	1.036	.132

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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	15	14	3.21	1.051	.281
		Female	47	47	3.23	.786	.115
		Missing	1	1	3.00	.	.
	Group Total		63	62	3.23	.838	.106
Expressed relationships using math terms	Sex of student	Male	15	14	3.07	1.207	.322
		Female	47	47	2.72	.826	.121
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.79	.926	.118
Explained scientific concept to others	Sex of student	Male	15	14	2.71	1.139	.304
		Female	47	47	2.62	.848	.124
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.63	.910	.116
Read articles about science not assigned	Sex of student	Male	15	14	2.57	1.284	.343
		Female	47	47	2.02	.989	.144
		Missing	1	1	1.00	.	.
	Group Total		63	62	2.13	1.079	.137
Completed an experiment w/sci. methods	Sex of student	Male	15	14	2.86	1.099	.294
		Female	47	47	2.60	.993	.145
		Missing	1	1	1.00	.	.
	Group Total		63	62	2.63	1.028	.131
Practiced using laboratory equipment	Sex of student	Male	15	14	2.64	1.336	.357
		Female	47	47	2.38	1.114	.163
		Missing	1	1	1.00	.	.
	Group Total		63	62	2.42	1.167	.148
Showed how to use scientific equipment	Sex of student	Male	15	14	2.29	1.383	.370
		Female	47	47	2.13	.947	.138
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.16	1.043	.132
Explained experimental procedure	Sex of student	Male	15	14	2.43	1.342	.359
		Female	47	47	2.26	.896	.131
		Missing	1	1	1.00	.	.
	Group Total		63	62	2.27	1.011	.128
Compared sci. method with other methods	Sex of student	Male	15	14	2.43	1.342	.359
		Female	47	47	2.06	.942	.137
		Missing	1	1	1.00	.	.
	Group Total		63	62	2.13	1.048	.133
Explained scientific basis for concerns	Sex of student	Male	15	14	2.29	1.204	.322
		Female	47	47	2.13	.850	.124
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.16	.927	.118

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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	15	14	3.29	.726	.194
		Female	47	47	2.87	.679	.099
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.97	.701	.089
Topic: Social issues--peace,justice, etc	Sex of student	Male	15	15	3.27	.799	.206
		Female	47	47	2.79	.806	.118
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.90	.817	.103
Topic: Different lifestyles, etc.	Sex of student	Male	15	15	3.20	.676	.175
		Female	47	47	2.85	.722	.105
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.92	.725	.091
Topic: Ideas of writers, etc.	Sex of student	Male	15	15	2.67	.976	.252
		Female	47	47	2.38	.795	.116
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.44	.838	.106
Topic: The arts--painting, poetry, etc.	Sex of student	Male	15	15	2.67	.816	.211
		Female	47	47	2.62	.874	.127
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.62	.851	.107
Topic: Science--theories, etc.	Sex of student	Male	15	15	2.53	1.302	.336
		Female	47	47	2.04	.908	.132
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.16	1.019	.128
Topic: Computers and other technologies	Sex of student	Male	15	15	2.93	.884	.228
		Female	47	47	2.13	.769	.112
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.33	.861	.109
Topic: Social/ethical issues re: science	Sex of student	Male	15	15	2.87	.834	.215
		Female	47	47	2.49	.718	.105
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.57	.756	.095
Topic: The economy--employment, etc.	Sex of student	Male	15	15	3.00	.926	.239
		Female	47	46	2.52	.752	.111
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.63	.814	.103
Topic: International relations	Sex of student	Male	15	15	2.80	.862	.223
		Female	47	46	2.59	.858	.127
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.65	.851	.108

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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	15	15	3.07	.799	.206
		Female	47	46	3.07	.712	.105
		Missing	1	1	2.00	.	.
	Group Total		63	62	3.05	.734	.093
Explored different ways of thinking	Sex of student	Male	15	15	3.00	.845	.218
		Female	47	46	2.87	.687	.101
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.89	.727	.092
Referred to something instructor said	Sex of student	Male	15	15	2.93	.799	.206
		Female	47	46	2.91	.784	.116
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.92	.775	.098
Subsequently read something on a topic	Sex of student	Male	15	15	2.80	1.146	.296
		Female	47	45	2.69	.733	.109
		Missing	1	1	2.00	.	.
	Group Total		63	61	2.70	.843	.108
Changed opinion because of others	Sex of student	Male	15	15	2.73	1.163	.300
		Female	47	46	2.30	.756	.112
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.40	.877	.111
Persuaded others to change their minds	Sex of student	Male	15	15	2.73	.961	.248
		Female	47	46	2.35	.706	.104
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.44	.781	.099

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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	15	15	20.67	4.451	1.149
		Female	47	47	20.26	3.504	.511
		Missing	1	1	20.00	.	.
	Group Total	63	63	20.35	3.690	.465	
QE: Computer and IT Scale	Sex of student	Male	15	15	26.20	4.617	1.192
		Female	47	47	25.62	4.240	.619
		Missing	1	1	28.00	.	.
	Group Total	63	63	25.79	4.277	.539	
QE: Course Learning Scale	Sex of student	Male	15	15	32.73	6.100	1.575
		Female	47	45	33.87	4.278	.638
		Missing	1	1	36.00	.	.
	Group Total	63	61	33.62	4.737	.607	
QE: Writing Experiences Scale	Sex of student	Male	15	15	19.07	4.949	1.278
		Female	47	46	20.26	4.096	.604
		Missing	1	1	19.00	.	.
	Group Total	63	62	19.95	4.275	.543	
QE: Experiences with Faculty Scale	Sex of student	Male	15	15	25.27	5.496	1.419
		Female	47	47	24.21	5.797	.846
		Missing	1	1	22.00	.	.
	Group Total	63	63	24.43	5.662	.713	
QE: Art, Music, Theater Scale	Sex of student	Male	15	14	16.21	5.221	1.395
		Female	47	47	16.43	5.464	.797
		Missing	1	1	16.00	.	.
	Group Total	63	62	16.37	5.323	.676	
QE: Campus Facilities Scale	Sex of student	Male	15	14	20.21	6.762	1.807
		Female	47	47	18.38	4.003	.584
		Missing	1	1	19.00	.	.
	Group Total	63	62	18.81	4.735	.601	
QE: Clubs and Organizations Scale	Sex of student	Male	15	14	10.00	4.368	1.167
		Female	47	47	12.49	3.804	.555
		Missing	1	1	13.00	.	.
	Group Total	63	62	11.94	4.012	.509	
QE: Personal Experiences Scale	Sex of student	Male	15	14	20.43	6.333	1.693
		Female	47	47	21.77	5.470	.798
		Missing	1	1	20.00	.	.
	Group Total	63	62	21.44	5.609	.712	
QE: Student Acquaintances Scale	Sex of student	Male	15	14	31.43	5.287	1.413
		Female	47	46	29.50	6.445	.950
		Missing	1	1	22.00	.	.
	Group Total	63	61	29.82	6.238	.799	
QE: Science & Quantitative Exp. Scale	Sex of student	Male	15	14	26.50	11.264	3.011
		Female	47	47	24.15	7.387	1.077
		Missing	1	1	16.00	.	.
	Group Total	63	62	24.55	8.389	1.065	
QE: Topics of Conversation Scale	Sex of student	Male	15	14	28.50	5.288	1.413
		Female	47	45	25.29	4.775	.712
		Missing	1	1	24.00	.	.
	Group Total	63	60	26.02	5.010	.647	



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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	15	15	17.27	4.758	1.228
		Female	47	45	16.20	3.475	.518
		Missing	1	1	13.00	.	.
	Group Total	63	61	16.41	3.814	.488	

**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Number of texts read	Sex of student	Male	15	15	2.87	.915	.236
		Female	47	47	3.11	.840	.123
		Missing	1	1	3.00	.	.
	Group Total	63	63	3.05	.851	.107	
Number of course packets read	Sex of student	Male	15	15	2.27	.704	.182
		Female	47	47	2.62	.898	.131
		Missing	1	1	2.00	.	.
	Group Total	63	63	2.52	.859	.108	
Number of non-assigned books read	Sex of student	Male	15	15	2.33	.724	.187
		Female	47	47	2.49	1.101	.161
		Missing	1	1	2.00	.	.
	Group Total	63	63	2.44	1.012	.128	
Number of essays written	Sex of student	Male	15	15	3.00	.845	.218
		Female	47	47	2.91	.830	.121
		Missing	1	1	2.00	.	.
	Group Total	63	63	2.92	.829	.104	
Number of term papers written	Sex of student	Male	15	15	3.40	.737	.190
		Female	47	47	3.23	1.068	.156
		Missing	1	1	4.00	.	.
	Group Total	63	63	3.29	.991	.125	
How well college is liked	Sex of student	Male	15	15	2.67	1.047	.270
		Female	47	47	3.11	.561	.082
		Missing	1	1	3.00	.	.
	Group Total	63	63	3.00	.718	.091	
Would attend same institution again	Sex of student	Male	15	15	2.87	1.187	.307
		Female	47	47	3.13	.875	.128
		Missing	1	1	3.00	.	.
	Group Total	63	63	3.06	.948	.119	
Overall opinion of college	Sex of student	Male	15	15	5.53	2.031	.524
		Female	47	47	6.23	1.220	.178
		Missing	1	1	6.00	.	.
	Group Total	63	63	6.06	1.458	.184	

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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	15	15	5.60	1.056	.273
		Female	47	47	6.28	.926	.135
		Missing	1	1	7.00	.	.
	Group Total		63	63	6.13	.992	.125
Env. Emphasis: Aesthetics	Sex of student	Male	15	15	5.53	1.060	.274
		Female	47	47	5.11	1.387	.202
		Missing	1	1	6.00	.	.
	Group Total		63	63	5.22	1.313	.165
Env. Emphasis: Analysis	Sex of student	Male	15	15	5.40	1.121	.289
		Female	47	47	5.98	.967	.141
		Missing	1	1	6.00	.	.
	Group Total		63	63	5.84	1.019	.128
Env. Emphasis: Diversity	Sex of student	Male	15	15	4.80	1.373	.355
		Female	47	47	4.45	1.639	.239
		Missing	1	1	5.00	.	.
	Group Total		63	63	4.54	1.564	.197
Env. Emphasis: Info. literacy skills	Sex of student	Male	15	15	5.07	1.335	.345
		Female	47	47	5.28	1.378	.201
		Missing	1	1	5.00	.	.
	Group Total		63	63	5.22	1.349	.170
Env. Emphasis: Vocational	Sex of student	Male	15	15	4.40	1.549	.400
		Female	47	47	4.28	1.611	.235
		Missing	1	1	6.00	.	.
	Group Total		63	63	4.33	1.586	.200
Env. Emphasis: Practical courses	Sex of student	Male	15	15	4.27	1.792	.463
		Female	47	47	4.85	1.179	.172
		Missing	1	1	5.00	.	.
	Group Total		63	63	4.71	1.349	.170
Relationships: Other students	Sex of student	Male	15	14	5.29	1.383	.370
		Female	47	47	5.89	1.165	.170
		Missing	1	1	7.00	.	.
	Group Total		63	62	5.77	1.234	.157
Relationships: Administrative personnel	Sex of student	Male	15	14	4.43	1.604	.429
		Female	47	47	4.91	1.195	.174
		Missing	1	1	6.00	.	.
	Group Total		63	62	4.82	1.300	.165
Relationships: Faculty members	Sex of student	Male	15	14	5.43	1.158	.309
		Female	47	47	5.47	.856	.125
		Missing	1	1	6.00	.	.
	Group Total		63	62	5.47	.918	.117

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Vocational preparation	Sex of student	Male	15	15	2.07	.799	.206
		Female	47	47	2.77	.914	.133
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.60	.925	.117
Gain: Skills for professional career	Sex of student	Male	15	15	2.93	.704	.182
		Female	47	47	3.13	.741	.108
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.08	.725	.091
Gain: Broad general education	Sex of student	Male	15	15	3.07	.704	.182
		Female	47	47	3.02	.707	.103
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.03	.695	.088
Gain: Career information	Sex of student	Male	15	15	2.60	.828	.214
		Female	47	47	2.98	.737	.107
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.89	.764	.096
Gain: Enjoyment of art, music, drama	Sex of student	Male	15	15	2.60	.737	.190
		Female	47	47	2.32	1.086	.158
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.38	1.007	.127
Gain: Acquaintance with literature	Sex of student	Male	15	15	2.40	.910	.235
		Female	47	47	2.53	1.039	.152
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.51	.998	.126
Gain: Understanding history	Sex of student	Male	15	15	2.60	.910	.235
		Female	47	47	2.40	1.014	.148
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.44	.980	.123
Gain: Knowledge about world	Sex of student	Male	15	15	2.47	.640	.165
		Female	47	47	2.11	.840	.123
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.19	.800	.101
Gain: Writing effectively	Sex of student	Male	15	15	2.60	.737	.190
		Female	47	47	3.00	.780	.114
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.90	.777	.098
Gain: Speaking effectively	Sex of student	Male	15	15	2.73	.799	.206
		Female	47	47	2.87	.741	.108
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.84	.745	.094
Gain: Using computers, other info tech	Sex of student	Male	15	15	3.07	.704	.182
		Female	47	47	3.02	.821	.120
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.05	.792	.100
Gain: Awareness of other philosophies	Sex of student	Male	15	15	2.87	.834	.215
		Female	47	47	2.60	.851	.124
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.65	.845	.107
Gain: Values and ethical standards	Sex of student	Male	15	15	3.00	.756	.195
		Female	47	47	2.96	.859	.125
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.97	.822	.104

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Understanding self	Sex of student	Male	15	15	3.07	.961	.248
		Female	47	47	3.11	.787	.115
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.10	.817	.103
Gain: Getting along with others	Sex of student	Male	15	15	3.07	.961	.248
		Female	47	47	2.94	.845	.123
		Missing	1	1	4.00	.	.
	Group Total		63	63	2.98	.871	.110
Gain: Functioning as a team member	Sex of student	Male	15	15	2.87	.990	.256
		Female	47	47	2.87	.741	.108
		Missing	1	1	4.00	.	.
	Group Total		63	63	2.89	.805	.101
Gain: Personal health habits and fitness	Sex of student	Male	15	15	2.60	1.056	.273
		Female	47	47	2.55	.829	.121
		Missing	1	1	4.00	.	.
	Group Total		63	63	2.59	.891	.112
Gain: Understanding science	Sex of student	Male	15	15	2.60	1.242	.321
		Female	47	47	2.55	.904	.132
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.57	.979	.123
Gain: Understanding new technology	Sex of student	Male	15	15	2.53	1.187	.307
		Female	47	47	2.36	.987	.144
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.40	1.025	.129
Gain: Consequences of science, tech.	Sex of student	Male	15	15	2.60	1.183	.306
		Female	47	47	2.43	.903	.132
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.48	.965	.122
Gain: Thinking analytically	Sex of student	Male	15	15	3.13	1.125	.291
		Female	47	47	3.19	.647	.094
		Missing	1	1	2.00	.	.
	Group Total		63	63	3.16	.787	.099
Gain: Analyzing quantitative problems	Sex of student	Male	15	15	3.00	1.000	.258
		Female	47	47	2.45	.775	.113
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.57	.856	.108
Gain: Synthesizing ideas	Sex of student	Male	15	15	3.07	.961	.248
		Female	47	47	3.00	.780	.114
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.02	.813	.102
Gain: Learning on one's own	Sex of student	Male	15	15	3.27	.704	.182
		Female	47	47	3.00	.752	.110
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.06	.738	.093
Gain: Adapting to change	Sex of student	Male	15	15	3.07	.884	.228
		Female	47	47	2.96	.833	.121
		Missing	1	1	4.00	.	.
	Group Total		63	63	3.00	.842	.106

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #1	Sex of student	Male	15	15	4.27	.594	.153
		Female	47	47	4.11	.561	.082
		Missing	1	1	3.00	.	.
	Group Total		63	63	4.13	.582	.073
Additional question #2	Sex of student	Male	15	15	3.60	1.454	.375
		Female	47	47	3.28	1.347	.196
		Missing	1	1	1.00	.	.
	Group Total		63	63	3.32	1.389	.175
Additional question #3	Sex of student	Male	15	15	3.20	1.014	.262
		Female	47	47	2.91	1.080	.158
		Missing	1	1	3.00	.	.
	Group Total		63	63	2.98	1.055	.133
Additional question #4	Sex of student	Male	15	15	2.40	.632	.163
		Female	47	47	1.94	.639	.093
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.05	.658	.083
Additional question #5	Sex of student	Male	15	12	3.08	1.311	.379
		Female	47	37	3.38	1.187	.195
		Missing	1	1	3.00	.	.
	Group Total		63	50	3.30	1.199	.170
Additional question #6	Sex of student	Male	15	10	2.50	1.179	.373
		Female	47	34	2.21	.946	.162
		Missing	1	0	.	.	.
	Group Total		63	44	2.27	.997	.150
Additional question #7	Sex of student	Male	15	15	2.60	.986	.254
		Female	47	47	2.49	.882	.129
		Missing	1	1	2.00	.	.
	Group Total		63	63	2.51	.896	.113
Additional question #8	Sex of student	Male	15	15	3.27	1.223	.316
		Female	47	47	3.21	1.082	.158
		Missing	1	1	3.00	.	.
	Group Total		63	63	3.22	1.099	.138
Additional question #9	Sex of student	Male	15	15	2.20	1.320	.341
		Female	47	46	2.83	1.039	.153
		Missing	1	1	4.00	.	.
	Group Total		63	62	2.69	1.139	.145
Additional question #10	Sex of student	Male	15	15	2.40	1.121	.289
		Female	47	46	2.33	.790	.117
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.35	.870	.111
Additional question #11	Sex of student	Male	15	15	2.20	.676	.175
		Female	47	46	2.04	.868	.128
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.10	.824	.105
Additional question #12	Sex of student	Male	15	15	2.53	1.246	.322
		Female	47	46	2.98	1.183	.174
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.87	1.194	.152

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #13	Sex of student	Male	15	14	3.14	1.460	.390
		Female	47	46	3.17	1.141	.168
		Missing	1	1	3.00	.	.
	Group Total		63	61	3.16	1.200	.154
Additional question #14	Sex of student	Male	15	15	3.00	1.000	.258
		Female	47	45	2.73	.915	.136
		Missing	1	1	2.00	.	.
	Group Total		63	61	2.79	.933	.119
Additional question #15	Sex of student	Male	15	15	3.00	1.000	.258
		Female	47	46	2.54	.936	.138
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.66	.957	.122
Additional question #16	Sex of student	Male	15	15	2.40	1.183	.306
		Female	47	46	2.41	1.002	.148
		Missing	1	1	2.00	.	.
	Group Total		63	62	2.40	1.032	.131
Additional question #17	Sex of student	Male	15	15	2.53	1.060	.274
		Female	47	46	2.43	1.047	.154
		Missing	1	1	3.00	.	.
	Group Total		63	62	2.47	1.036	.132
Additional question #18	Sex of student	Male	15	15	3.07	1.280	.330
		Female	47	46	3.13	1.376	.203
		Missing	1	1	4.00	.	.
	Group Total		63	62	3.13	1.337	.170
Additional question #19	Sex of student	Male	15	15	2.53	.990	.256
		Female	47	46	2.39	.977	.144
		Missing	1	1	4.00	.	.
	Group Total		63	62	2.45	.986	.125
Additional question #20	Sex of student	Male	15	15	1.67	.900	.232
		Female	47	46	1.74	.575	.085
		Missing	1	1	2.00	.	.
	Group Total		63	62	1.73	.657	.083

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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Surveys submitted	Yes	181	100	327	100	3	100	511	100
Age of student	19 or younger	7	4	9	3	0	0	16	3
	20-23	169	94	317	97	1	100	487	96
	24-29	3	2	1	0	0	0	4	1
	40-55	1	1	0	0	0	0	1	0
Total		180	100	327	100	1	100	508	100
Marital status	not married	179	99	323	99	1	100	503	99
	married	2	1	2	1	0	0	4	1
	divorced	0	0	1	0	0	0	1	0
Total		181	100	326	100	1	100	508	100
College classification	sophomore	1	1	0	0	0	0	1	0
	junior	131	72	251	77	1	100	383	76
	senior	49	27	74	23	0	0	123	24
Total		181	100	325	100	1	100	507	100
Enter college here or transfer	started here	161	89	306	94	1	100	468	92
	transferred	19	11	21	6	0	0	40	8
Total		180	100	327	100	1	100	508	100
Where live now during school	dorm, other housing	57	31	91	28	0	0	148	29
	residence in walking	92	51	197	60	1	100	290	57
	residence in driving	16	9	37	11	0	0	53	10
	fraternity, sorority	16	9	1	0	0	0	17	3
Total		181	100	326	100	1	100	508	100
Live with: no one	no	167	93	297	91	1	100	465	92
	yes	13	7	30	9	0	0	43	8
Total		180	100	327	100	1	100	508	100
Live with: other students	no	17	9	45	14	0	0	62	12
	yes	163	91	282	86	1	100	446	88
Total		180	100	327	100	1	100	508	100
Live with: spouse or partner	no	179	99	319	98	1	100	499	98
	yes	1	1	8	2	0	0	9	2
Total		180	100	327	100	1	100	508	100
Live with: my child	no	179	99	326	100	1	100	506	100
	yes	1	1	1	0	0	0	2	0
Total		180	100	327	100	1	100	508	100
Live with: my parents	no	180	100	322	98	1	100	503	99
	yes	0	0	5	2	0	0	5	1
Total		180	100	327	100	1	100	508	100
Live with: other relatives	no	180	100	326	100	1	100	507	100
	yes	0	0	1	0	0	0	1	0
Total		180	100	327	100	1	100	508	100
Live with: friends not students here	no	179	99	324	99	1	100	504	99
	yes	1	1	3	1	0	0	4	1
Total		180	100	327	100	1	100	508	100
Live with: others	no	177	98	327	100	1	100	505	99
	yes	3	2	0	0	0	0	3	1
Total		180	100	327	100	1	100	508	100
Access to a computer	yes	177	98	327	100	1	100	505	99
	no	4	2	0	0	0	0	4	1

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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Total		181	100	327	100	1	100	509	100
Grades at this college	C, C-, or lower	6	3	1	0	0	0	7	1
	B-, C+	23	13	25	8	0	0	48	9
	B	47	26	69	21	0	0	116	23
	A-, B+	63	35	147	45	1	100	211	41
	A	42	23	85	26	0	0	127	25
Total		181	100	327	100	1	100	509	100
Parents graduate from college	no	41	23	69	21	0	0	110	22
	yes, both parents	93	51	153	47	1	100	247	49
	yes, father only	23	13	62	19	0	0	85	17
	yes, mother only	21	12	39	12	0	0	60	12
	do not know	3	2	3	1	0	0	6	1
Total		181	100	326	100	1	100	508	100
Enroll for a more advanced degree	yes	140	77	263	81	1	100	404	80
	no	41	23	63	19	0	0	104	20
Total		181	100	326	100	1	100	508	100
Number of term credit hours	7-11	2	1	2	1	0	0	4	1
	12-14	56	31	116	35	1	100	173	34
	15-16	102	56	162	50	0	0	264	52
	17 or more	21	12	47	14	0	0	68	13
Total		181	100	327	100	1	100	509	100
Hours on out of class academic work	5 or less hrs weekly	9	5	11	3	0	0	20	4
	6-10 hrs weekly	44	24	41	13	0	0	85	17
	11-15 hrs weekly	37	21	69	21	1	100	107	21
	16-20 hrs weekly	52	29	105	32	0	0	157	31
	21-25 hrs weekly	18	10	51	16	0	0	69	14
	26-30 hrs weekly	14	8	29	9	0	0	43	8
	more than 30 hrs	6	3	21	6	0	0	27	5
Total		180	100	327	100	1	100	508	100
Hours working on campus for pay	none; no job	81	45	164	51	1	100	246	49
	1-10 hrs weekly	73	41	125	39	0	0	198	39
	11-20 hrs weekly	23	13	28	9	0	0	51	10
	21-30 hrs weekly	0	0	4	1	0	0	4	1
	31-40 hrs weekly	1	1	0	0	0	0	1	0
	more than 40 hrs	1	1	3	1	0	0	4	1
Total		179	100	324	100	1	100	504	100
Hours working off campus for pay	none; no job	147	82	252	78	1	100	400	79
	1-10 hrs weekly	8	4	26	8	0	0	34	7
	11-20 hrs weekly	16	9	29	9	0	0	45	9
	21-30 hrs weekly	5	3	14	4	0	0	19	4
	31-40 hrs weekly	2	1	4	1	0	0	6	1
	more than 40 hrs	1	1	0	0	0	0	1	0
Total		179	100	325	100	1	100	505	100
How job affects school work	no job	59	33	120	37	1	100	180	35
	does not interfere	49	27	90	28	0	0	139	27
	takes some time	65	36	103	31	0	0	168	33
	takes lots of time	8	4	14	4	0	0	22	4
Total		181	100	327	100	1	100	509	100



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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Meet expenses: self	none	21	14	38	13	1	100	60	14
	very little	70	47	144	49	0	0	214	48
	less than half	34	23	71	24	0	0	105	24
	about half	11	7	19	7	0	0	30	7
	more than half	9	6	12	4	0	0	21	5
	all or nearly all	4	3	8	3	0	0	12	3
Total		149	100	292	100	1	100	442	100
Meet expenses: parents	none	14	8	38	12	0	0	52	11
	very little	42	25	57	18	0	0	99	21
	less than half	29	17	64	21	0	0	93	19
	about half	25	15	48	16	0	0	73	15
	more than half	21	13	38	12	0	0	59	12
	all or nearly all	36	22	64	21	1	100	101	21
Total		167	100	309	100	1	100	477	100
Meet expenses: spouse or partner	none	115	97	242	98	1	100	358	98
	very little	3	3	1	0	0	0	4	1
	less than half	0	0	2	1	0	0	2	1
	more than half	1	1	2	1	0	0	3	1
Total		119	100	247	100	1	100	367	100
Meet expenses: employer	none	115	98	228	95	1	100	344	96
	very little	1	1	6	3	0	0	7	2
	less than half	0	0	5	2	0	0	5	1
	about half	0	0	1	0	0	0	1	0
	more than half	1	1	0	0	0	0	1	0
Total		117	100	240	100	1	100	358	100
Meet expenses: scholarships and grants	none	23	15	33	11	0	0	56	12
	very little	22	14	42	14	1	100	65	14
	less than half	32	21	69	23	0	0	101	22
	about half	20	13	46	16	0	0	66	15
	more than half	29	19	41	14	0	0	70	16
	all or nearly all	28	18	64	22	0	0	92	20
Total		154	100	295	100	1	100	450	100
Meet expenses: loans	none	72	53	158	57	1	100	231	56
	very little	9	7	14	5	0	0	23	6
	less than half	25	19	37	13	0	0	62	15
	about half	18	13	30	11	0	0	48	12
	more than half	3	2	23	8	0	0	26	6
	all or nearly all	8	6	13	5	0	0	21	5
Total		135	100	275	100	1	100	411	100
Meet expenses: other sources	none	105	91	225	91	1	100	331	91
	very little	5	4	13	5	0	0	18	5
	less than half	1	1	5	2	0	0	6	2
	about half	2	2	1	0	0	0	3	1
	more than half	2	2	3	1	0	0	5	1
	all or nearly all	0	0	1	0	0	0	1	0
Total		115	100	248	100	1	100	364	100
Race: American Indian or other native	no	175	100	324	99	1	100	500	100
	yes	0	0	2	1	0	0	2	0

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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		175	100	326	100	1	100	502	100
Race: Asian or Pacific Islander	no	168	96	319	98	1	100	488	97
	yes	7	4	7	2	0	0	14	3
Total		175	100	326	100	1	100	502	100
Race: Black or African American	no	169	97	321	98	1	100	491	98
	yes	6	3	5	2	0	0	11	2
Total		175	100	326	100	1	100	502	100
Race: Caucasian	no	16	9	20	6	0	0	36	7
	yes	159	91	306	94	1	100	466	93
Total		175	100	326	100	1	100	502	100
Race: Mexican American	no	175	100	322	99	1	100	498	99
	yes	0	0	4	1	0	0	4	1
Total		175	100	326	100	1	100	502	100
Race: Puerto Rican	no	175	100	325	100	1	100	501	100
	yes	0	0	1	0	0	0	1	0
Total		175	100	326	100	1	100	502	100
Race: Other Hispanic	no	174	99	325	100	1	100	500	100
	yes	1	1	1	0	0	0	2	0
Total		175	100	326	100	1	100	502	100
Race: Other	no	173	99	319	98	1	100	493	98
	yes	2	1	7	2	0	0	9	2
Total		175	100	326	100	1	100	502	100
No. of racial/ethnic groups of student	belongs to 1 group	175	100	320	98	1	100	496	99
	belongs to 2 groups	0	0	5	2	0	0	5	1
	belongs to 3 groups	0	0	1	0	0	0	1	0
Total		175	100	326	100	1	100	502	100
Racial or ethnic identification	Asian, Pacific Islander	7	4	5	2	0	0	12	2
	Black, African American	6	3	5	2	0	0	11	2
	White, Caucasian	159	91	300	92	1	100	460	92
	Mexican-American	0	0	3	1	0	0	3	1
	Puerto Rican	0	0	1	0	0	0	1	0
	Other Hispanic	1	1	1	0	0	0	2	0
	Other	2	1	5	2	0	0	7	1
Multiracial	0	0	6	2	0	0	6	1	
Total		175	100	326	100	1	100	502	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Major: Agriculture	no	176	99	309	99	1	100	486	99
	yes	2	1	2	1	0	0	4	1
Total		178	100	311	100	1	100	490	100
Major: Biological or life sciences	no	166	93	301	97	1	100	468	96
	yes	12	7	10	3	0	0	22	4
Total		178	100	311	100	1	100	490	100
Major: Business	no	150	84	293	94	1	100	444	91
	yes	28	16	18	6	0	0	46	9
Total		178	100	311	100	1	100	490	100
Major: Communications	no	171	96	294	95	1	100	466	95
	yes	7	4	17	5	0	0	24	5
Total		178	100	311	100	1	100	490	100
Major: Computer and information sciences	no	172	97	308	99	1	100	481	98
	yes	6	3	3	1	0	0	9	2
Total		178	100	311	100	1	100	490	100
Major: Education	no	173	97	295	95	1	100	469	96
	yes	5	3	16	5	0	0	21	4
Total		178	100	311	100	1	100	490	100
Major: Engineering	no	178	100	311	100	1	100	490	100
Total		178	100	311	100	1	100	490	100
Major: Ethnic, cultural, area	no	178	100	311	100	1	100	490	100
Total		178	100	311	100	1	100	490	100
Major: Foreign languages and literature	no	175	98	307	99	1	100	483	99
	yes	3	2	4	1	0	0	7	1
Total		178	100	311	100	1	100	490	100
Major: Health-related fields	no	175	98	298	96	1	100	474	97
	yes	3	2	13	4	0	0	16	3
Total		178	100	311	100	1	100	490	100
Major: History	no	168	94	299	96	1	100	468	96
	yes	10	6	12	4	0	0	22	4
Total		178	100	311	100	1	100	490	100
Major: Humanities	no	169	95	298	96	1	100	468	96
	yes	9	5	13	4	0	0	22	4
Total		178	100	311	100	1	100	490	100
Major: Liberal or general	no	178	100	311	100	1	100	490	100
Total		178	100	311	100	1	100	490	100
Major: Mathematics	no	173	97	307	99	1	100	481	98
	yes	5	3	4	1	0	0	9	2
Total		178	100	311	100	1	100	490	100
Major:	no	178	100	311	100	1	100	490	100
Total		178	100	311	100	1	100	490	100
Major: Recreation or sports management	no	178	100	310	100	1	100	489	100
	yes	0	0	1	0	0	0	1	0
Total		178	100	311	100	1	100	490	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Major: Physical sciences	no	175	98	308	99	1	100	484	99
	yes	3	2	3	1	0	0	6	1
Total		178	100	311	100	1	100	490	100
Major: Pre-professional	no	175	98	307	99	1	100	483	99
	yes	3	2	4	1	0	0	7	1
Total		178	100	311	100	1	100	490	100
Major: Public administration	no	175	98	311	100	1	100	487	99
	yes	3	2	0	0	0	0	3	1
Total		178	100	311	100	1	100	490	100
Major: Social sciences	no	161	90	280	90	1	100	442	90
	yes	17	10	31	10	0	0	48	10
Total		178	100	311	100	1	100	490	100
Major: Visual and performing arts	no	178	100	300	96	1	100	479	98
	yes	0	0	11	4	0	0	11	2
Total		178	100	311	100	1	100	490	100
Major: Undecided	no	178	100	311	100	1	100	490	100
Total		178	100	311	100	1	100	490	100
Major: Other	no	80	45	98	32	0	0	178	36
	yes	98	55	213	68	1	100	312	64
Total		178	100	311	100	1	100	490	100

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**Library Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used the library to study	never	23	13	51	16	0	0	74	15
	occasionally	85	47	162	50	1	100	248	49
	often	48	27	66	20	0	0	114	22
	very often	25	14	48	15	0	0	73	14
Total		181	100	327	100	1	100	509	100
Found something interesting browsing	never	47	26	93	29	1	100	141	28
	occasionally	94	52	187	57	0	0	281	55
	often	35	19	37	11	0	0	72	14
	very often	5	3	9	3	0	0	14	3
Total		181	100	326	100	1	100	508	100
Asked a librarian/staff member for help	never	60	34	104	32	0	0	164	32
	occasionally	97	54	183	56	1	100	281	56
	often	19	11	32	10	0	0	51	10
	very often	3	2	7	2	0	0	10	2
Total		179	100	326	100	1	100	506	100
Read assigned material not texts	never	36	20	69	21	0	0	105	21
	occasionally	93	52	169	52	1	100	263	52
	often	37	21	62	19	0	0	99	20
	very often	12	7	27	8	0	0	39	8
Total		178	100	327	100	1	100	506	100
Used index or database to find material	never	5	3	4	1	0	0	9	2
	occasionally	61	34	66	20	0	0	127	25
	often	69	38	125	38	1	100	195	38
	very often	45	25	131	40	0	0	176	35
Total		180	100	326	100	1	100	507	100
Wrote bibliography for a term paper	never	7	4	13	4	0	0	20	4
	occasionally	59	33	76	23	0	0	135	27
	often	70	39	113	35	0	0	183	36
	very often	44	24	124	38	1	100	169	33
Total		180	100	326	100	1	100	507	100
Gone back to read basic reference	never	72	40	151	46	1	100	224	44
	occasionally	82	46	120	37	0	0	202	40
	often	14	8	40	12	0	0	54	11
	very often	12	7	16	5	0	0	28	6
Total		180	100	327	100	1	100	508	100
Made a judgment about quality of info.	never	16	9	23	7	1	100	40	8
	occasionally	66	37	125	38	0	0	191	38
	often	62	34	106	32	0	0	168	33
	very often	36	20	73	22	0	0	109	21
Total		180	100	327	100	1	100	508	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	8	4	3	1	0	0	11	2
	often	24	13	13	4	0	0	37	7
	very often	149	82	310	95	1	100	460	91
Total		181	100	326	100	1	100	508	100
Used e-mail to communicate with class	occasionally	18	10	8	2	0	0	26	5
	often	46	25	58	18	0	0	104	21
	very often	117	65	259	80	1	100	377	74
Total		181	100	325	100	1	100	507	100
Used computer tutorial to learn material	never	64	35	89	27	0	0	153	30
	occasionally	75	41	159	49	1	100	235	46
	often	24	13	46	14	0	0	70	14
	very often	18	10	32	10	0	0	50	10
Total		181	100	326	100	1	100	508	100
Joined in electronic class discussions	never	69	38	126	39	0	0	195	38
	occasionally	71	39	121	37	1	100	193	38
	often	24	13	45	14	0	0	69	14
	very often	17	9	34	10	0	0	51	10
Total		181	100	326	100	1	100	508	100
Searched Internet for course material	never	1	1	1	0	0	0	2	0
	occasionally	23	13	15	5	1	100	39	8
	often	56	31	67	21	0	0	123	24
	very often	101	56	243	75	0	0	344	68
Total		181	100	326	100	1	100	508	100
Retrieved off-campus library materials	never	52	29	88	27	1	100	141	28
	occasionally	73	40	125	38	0	0	198	39
	often	30	17	56	17	0	0	86	17
	very often	26	14	57	17	0	0	83	16
Total		181	100	326	100	1	100	508	100
Made visual displays with computer	never	12	7	17	5	0	0	29	6
	occasionally	68	38	118	36	0	0	186	37
	often	53	29	99	30	1	100	153	30
	very often	48	27	91	28	0	0	139	27
Total		181	100	325	100	1	100	507	100
Used a computer to analyze data	never	23	13	57	17	0	0	80	16
	occasionally	80	44	135	41	1	100	216	43
	often	38	21	82	25	0	0	120	24
	very often	40	22	52	16	0	0	92	18
Total		181	100	326	100	1	100	508	100
Developed Web page, multimedia present.	never	45	25	100	31	1	100	146	29
	occasionally	77	43	146	45	0	0	223	44
	often	36	20	49	15	0	0	85	17
	very often	23	13	31	10	0	0	54	11
Total		181	100	326	100	1	100	508	100

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**Course Learning**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Completed assigned readings	never	3	2	1	0	0	0	4	1
	occasionally	33	18	53	16	0	0	86	17
	often	72	40	110	34	1	100	183	36
	very often	72	40	162	50	0	0	234	46
Total		180	100	326	100	1	100	507	100
Took detailed class notes	never	3	2	0	0	0	0	3	1
	occasionally	24	13	12	4	0	0	36	7
	often	60	33	76	23	1	100	137	27
	very often	94	52	238	73	0	0	332	65
Total		181	100	326	100	1	100	508	100
Contributed to class discussions	never	1	1	3	1	0	0	4	1
	occasionally	53	29	88	27	1	100	142	28
	often	66	36	135	42	0	0	201	40
	very often	61	34	97	30	0	0	158	31
Total		181	100	323	100	1	100	505	100
Developed role play/case study for class	never	57	31	112	34	1	100	170	34
	occasionally	88	49	153	47	0	0	241	48
	often	30	17	43	13	0	0	73	14
	very often	6	3	17	5	0	0	23	5
Total		181	100	325	100	1	100	507	100
Put together different facts and ideas	never	1	1	4	1	0	0	5	1
	occasionally	49	27	57	17	1	100	107	21
	often	72	40	140	43	0	0	212	42
	very often	59	33	125	38	0	0	184	36
Total		181	100	326	100	1	100	508	100
Summarized major points and information	never	7	4	7	2	0	0	14	3
	occasionally	41	23	64	20	0	0	105	21
	often	89	49	119	37	1	100	209	41
	very often	44	24	135	42	0	0	179	35
Total		181	100	326	100	1	100	508	100
Worked with others on class project	never	2	1	2	1	0	0	4	1
	occasionally	47	26	61	19	0	0	108	21
	often	77	43	109	33	1	100	187	37
	very often	55	30	154	47	0	0	209	41
Total		181	100	326	100	1	100	508	100
Applied class material to other areas	never	4	2	2	1	0	0	6	1
	occasionally	51	28	87	27	1	100	139	27
	often	84	46	149	46	0	0	233	46
	very often	42	23	88	27	0	0	130	26
Total		181	100	326	100	1	100	508	100

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**Course Learning**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Used info. from other areas in class	never	4	2	3	1	0	0	7	1
	occasionally	58	32	86	26	1	100	145	29
	often	82	45	155	48	0	0	237	47
	very often	37	20	81	25	0	0	118	23
Total		181	100	325	100	1	100	507	100
Explained course material to others	never	0	0	1	0	0	0	1	0
	occasionally	56	31	67	21	0	0	123	24
	often	73	40	164	50	1	100	238	47
	very often	52	29	94	29	0	0	146	29
Total		181	100	326	100	1	100	508	100
Worked on project integrating ideas	never	0	0	1	0	0	0	1	0
	occasionally	44	24	53	16	1	100	98	19
	often	73	41	116	36	0	0	189	38
	very often	63	35	153	47	0	0	216	43
Total		180	100	323	100	1	100	504	100



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**Writing Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used a dictionary or thesaurus	never	10	6	11	3	0	0	21	4
	occasionally	73	40	93	29	1	100	167	33
	often	53	29	110	34	0	0	163	32
	very often	45	25	112	34	0	0	157	31
Total		181	100	326	100	1	100	508	100
Thought about grammar, etc while writing	never	4	2	3	1	0	0	7	1
	occasionally	33	18	31	10	0	0	64	13
	often	67	37	104	32	1	100	172	34
	very often	77	43	188	58	0	0	265	52
Total		181	100	326	100	1	100	508	100
Asked others to read your writing	never	14	8	15	5	0	0	29	6
	occasionally	73	40	110	34	0	0	183	36
	often	52	29	104	32	1	100	157	31
	very often	42	23	97	30	0	0	139	27
Total		181	100	326	100	1	100	508	100
Referred to a style manual	never	30	17	23	7	0	0	53	10
	occasionally	81	45	119	37	1	100	201	40
	often	39	22	103	32	0	0	142	28
	very often	30	17	81	25	0	0	111	22
Total		180	100	326	100	1	100	507	100
Revised a paper two or more times	never	28	15	25	8	0	0	53	10
	occasionally	72	40	129	40	0	0	201	40
	often	53	29	90	28	1	100	144	28
	very often	28	15	80	25	0	0	108	21
Total		181	100	324	100	1	100	506	100
Asked for writing advice	never	51	28	88	27	0	0	139	27
	occasionally	90	50	153	47	1	100	244	48
	often	28	16	52	16	0	0	80	16
	very often	11	6	32	10	0	0	43	8
Total		180	100	325	100	1	100	506	100
Prepared major report for class	never	92	51	180	55	0	0	272	54
	occasionally	57	32	100	31	1	100	158	31
	often	18	10	24	7	0	0	42	8
	very often	13	7	21	6	0	0	34	7
Total		180	100	325	100	1	100	506	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	5	2	0	0	7	1
	occasionally	63	35	126	39	0	0	189	37
	often	75	41	108	33	1	100	184	36
	very often	41	23	87	27	0	0	128	25
Total		181	100	326	100	1	100	508	100
Discussed academic program with faculty	never	8	4	13	4	0	0	21	4
	occasionally	77	43	164	50	1	100	242	48
	often	60	33	97	30	0	0	157	31
	very often	35	19	52	16	0	0	87	17
Total		180	100	326	100	1	100	507	100
Discussed term paper with faculty	never	18	10	38	12	0	0	56	11
	occasionally	88	49	169	52	1	100	258	51
	often	58	32	86	26	0	0	144	28
	very often	17	9	32	10	0	0	49	10
Total		181	100	325	100	1	100	507	100
Discussed career plans with faculty	never	34	19	59	18	0	0	93	18
	occasionally	85	47	179	55	1	100	265	52
	often	42	23	56	17	0	0	98	19
	very often	20	11	32	10	0	0	52	10
Total		181	100	326	100	1	100	508	100
Worked harder due to instructor feedback	never	14	8	25	8	0	0	39	8
	occasionally	69	38	115	35	1	100	185	36
	often	69	38	125	38	0	0	194	38
	very often	29	16	61	19	0	0	90	18
Total		181	100	326	100	1	100	508	100
Socialized with faculty outside of class	never	76	42	175	54	1	100	252	50
	occasionally	66	36	106	33	0	0	172	34
	often	27	15	29	9	0	0	56	11
	very often	12	7	16	5	0	0	28	6
Total		181	100	326	100	1	100	508	100
Discussed with others outside of class	never	64	35	127	39	1	100	192	38
	occasionally	73	40	140	43	0	0	213	42
	often	34	19	39	12	0	0	73	14
	very often	10	6	19	6	0	0	29	6
Total		181	100	325	100	1	100	507	100
Asked instructor about performance	never	46	26	101	31	0	0	147	29
	occasionally	79	44	144	44	1	100	224	44
	often	41	23	49	15	0	0	90	18
	very often	14	8	30	9	0	0	44	9
Total		180	100	324	100	1	100	505	100
Worked to meet faculty expectations	never	31	17	32	10	0	0	63	12
	occasionally	70	39	135	41	1	100	206	41
	often	47	26	104	32	0	0	151	30
	very often	33	18	55	17	0	0	88	17

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**Experiences with Faculty**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		181	100	326	100	1	100	508	100
Worked with faculty member on research	never	110	61	235	72	1	100	346	68
	occasionally	40	22	38	12	0	0	78	15
	often	19	10	28	9	0	0	47	9
	very often	12	7	25	8	0	0	37	7
Total		181	100	326	100	1	100	508	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	51	28	41	13	0	0	92	18
	occasionally	78	43	149	46	1	100	228	45
	often	32	18	67	21	0	0	99	19
	very often	20	11	69	21	0	0	89	18
Total		181	100	326	100	1	100	508	100
Went to exhibit or performance	never	48	27	50	15	0	0	98	19
	occasionally	95	52	173	53	1	100	269	53
	often	23	13	54	17	0	0	77	15
	very often	15	8	49	15	0	0	64	13
Total		181	100	326	100	1	100	508	100
Participated in art or theater activity	never	116	64	185	57	1	100	302	60
	occasionally	47	26	90	28	0	0	137	27
	often	10	6	21	6	0	0	31	6
	very often	8	4	29	9	0	0	37	7
Total		181	100	325	100	1	100	507	100
Talked about music or musicians	never	27	15	31	10	0	0	58	11
	occasionally	69	38	109	33	1	100	179	35
	often	48	27	92	28	0	0	140	28
	very often	37	20	94	29	0	0	131	26
Total		181	100	326	100	1	100	508	100
Attended a concert or other music event	never	33	18	38	12	0	0	71	14
	occasionally	87	48	161	49	1	100	249	49
	often	42	23	80	25	0	0	122	24
	very often	19	10	47	14	0	0	66	13
Total		181	100	326	100	1	100	508	100
Participated in music activity	never	124	69	198	61	0	0	322	64
	occasionally	34	19	73	22	1	100	108	21
	often	7	4	19	6	0	0	26	5
	very often	15	8	36	11	0	0	51	10
Total		180	100	326	100	1	100	507	100
Read or discussed opinions of critics	never	82	45	135	41	1	100	218	43
	occasionally	66	36	131	40	0	0	197	39
	often	21	12	31	10	0	0	52	10
	very often	12	7	29	9	0	0	41	8
Total		181	100	326	100	1	100	508	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	22	12	54	17	0	0	76	15
	occasionally	91	50	168	52	1	100	260	51
	often	47	26	66	20	0	0	113	22
	very often	21	12	38	12	0	0	59	12
Total		181	100	326	100	1	100	508	100
Met other students for discussion	never	13	7	16	5	1	100	30	6
	occasionally	81	45	105	32	0	0	186	37
	often	61	34	110	34	0	0	171	34
	very often	26	14	95	29	0	0	121	24
Total		181	100	326	100	1	100	508	100
Attended cultural/social event	never	23	13	35	11	0	0	58	11
	occasionally	116	64	150	46	1	100	267	53
	often	31	17	98	30	0	0	129	25
	very often	11	6	42	13	0	0	53	10
Total		181	100	325	100	1	100	507	100
Went to lecture or panel discussion	never	39	22	95	29	1	100	135	27
	occasionally	107	59	173	53	0	0	280	55
	often	28	15	42	13	0	0	70	14
	very often	7	4	14	4	0	0	21	4
Total		181	100	324	100	1	100	506	100
Used a campus learning lab or center	never	72	40	139	43	1	100	212	42
	occasionally	84	46	136	42	0	0	220	43
	often	20	11	40	12	0	0	60	12
	very often	5	3	11	3	0	0	16	3
Total		181	100	326	100	1	100	508	100
Used campus recreational facilities	never	12	7	36	11	0	0	48	9
	occasionally	70	39	89	27	1	100	160	32
	often	47	26	88	27	0	0	135	27
	very often	52	29	112	34	0	0	164	32
Total		181	100	325	100	1	100	507	100
Played a team sport	never	64	35	165	51	1	100	230	45
	occasionally	32	18	70	21	0	0	102	20
	often	41	23	37	11	0	0	78	15
	very often	44	24	54	17	0	0	98	19
Followed regular exercise schedule	never	43	24	106	33	0	0	149	29
	occasionally	58	32	81	25	1	100	140	28
	often	25	14	54	17	0	0	79	16
	very often	55	30	85	26	0	0	140	28
Total		181	100	326	100	1	100	508	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	25	14	22	7	1	100	48	9		
	occasionally	44	24	33	10	0	0	77	15		
	often	31	17	56	17	0	0	87	17		
	very often	81	45	215	66	0	0	296	58		
Total		181	100	326	100	1	100	508	100		
Worked on campus committee/organization	never	79	44	84	26	1	100	164	32		
	occasionally	43	24	67	21	0	0	110	22		
	often	23	13	46	14	0	0	69	14		
	very often	36	20	129	40	0	0	165	32		
Total		181	100	326	100	1	100	508	100		
Worked on off-campus committee/org.	never	82	46	187	57	1	100	270	53		
	occasionally	56	31	76	23	0	0	132	26		
	often	19	11	29	9	0	0	48	9		
	very often	23	13	34	10	0	0	57	11		
Total		180	100	326	100	1	100	507	100		
Met with faculty to discuss campus group	never	85	47	167	51	1	100	253	50		
	occasionally	57	31	100	31	0	0	157	31		
	often	22	12	28	9	0	0	50	10		
	very often	17	9	30	9	0	0	47	9		
Total		181	100	325	100	1	100	507	100		
Managed an organization on or off campus	never	63	35	114	35	1	100	178	35		
	occasionally	44	24	55	17	0	0	99	20		
	often	31	17	63	19	0	0	94	19		
	very often	43	24	93	29	0	0	136	27		
Total		181	100	325	100	1	100	507	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	8	4	3	1	0	0	11	2
	occasionally	58	32	54	17	0	0	112	22
	often	67	37	93	29	1	100	161	32
	very often	47	26	175	54	0	0	222	44
Total		180	100	325	100	1	100	506	100
Discussed why some people get along	never	9	5	11	3	0	0	20	4
	occasionally	72	40	76	23	1	100	149	29
	often	59	33	109	33	0	0	168	33
	very often	40	22	130	40	0	0	170	34
Total		180	100	326	100	1	100	507	100
Asked for help with a personal problem	never	16	9	6	2	0	0	22	4
	occasionally	73	41	71	22	1	100	145	29
	often	55	31	95	29	0	0	150	30
	very often	36	20	153	47	0	0	189	37
Total		180	100	325	100	1	100	506	100
Read about personal growth/self-improve	never	68	38	107	33	1	100	176	35
	occasionally	75	42	149	46	0	0	224	44
	often	22	12	43	13	0	0	65	13
	very often	14	8	26	8	0	0	40	8
Total		179	100	325	100	1	100	505	100
Identified with book/movie/TV character	never	13	7	12	4	0	0	25	5
	occasionally	69	39	109	33	0	0	178	35
	often	55	31	103	32	1	100	159	31
	very often	42	23	102	31	0	0	144	28
Total		179	100	326	100	1	100	506	100
Took test to measure abilities/interests	never	35	19	78	24	1	100	114	23
	occasionally	81	45	153	47	0	0	234	46
	often	45	25	52	16	0	0	97	19
	very often	19	11	42	13	0	0	61	12
Total		180	100	325	100	1	100	506	100
Asked friend his/her opinion of you	never	46	26	65	20	1	100	112	22
	occasionally	75	42	148	45	0	0	223	44
	often	39	22	67	21	0	0	106	21
	very often	20	11	46	14	0	0	66	13
Total		180	100	326	100	1	100	507	100
Talked with F/S about personal concern	never	91	51	178	55	1	100	270	53
	occasionally	61	34	100	31	0	0	161	32
	often	18	10	31	10	0	0	49	10
	very often	9	5	17	5	0	0	26	5
Total		179	100	326	100	1	100	506	100

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**Student Acquaintances**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Acquainted: students of diff. interests	never	4	2	2	1	0	0	6	1
	occasionally	72	40	87	27	1	100	160	31
	often	63	35	150	46	0	0	213	42
	very often	42	23	87	27	0	0	129	25
Total		181	100	326	100	1	100	508	100
Acquainted: students of diff. background	never	2	1	5	2	0	0	7	1
	occasionally	51	28	98	30	1	100	150	30
	often	81	45	144	44	0	0	225	44
	very often	46	26	78	24	0	0	124	25
Total		180	100	325	100	1	100	506	100
Acquainted: students of diff. age	never	8	4	10	3	0	0	18	4
	occasionally	47	26	96	30	1	100	144	28
	often	80	44	133	41	0	0	213	42
	very often	46	25	85	26	0	0	131	26
Total		181	100	324	100	1	100	506	100
Acquainted: students of diff. race	never	6	3	9	3	0	0	15	3
	occasionally	76	42	166	51	1	100	243	48
	often	61	34	93	29	0	0	154	30
	very often	37	21	58	18	0	0	95	19
Total		180	100	326	100	1	100	507	100
Acquainted: students from other country	never	16	9	42	13	1	100	59	12
	occasionally	87	48	165	51	0	0	252	50
	often	47	26	71	22	0	0	118	23
	very often	30	17	47	14	0	0	77	15
Total		180	100	325	100	1	100	506	100
Discussions: students of diff. values	never	16	9	38	12	0	0	54	11
	occasionally	60	33	115	35	1	100	176	35
	often	73	40	108	33	0	0	181	36
	very often	32	18	65	20	0	0	97	19
Total		181	100	326	100	1	100	508	100
Discussions: students of diff. political	never	12	7	35	11	0	0	47	9
	occasionally	51	28	106	33	0	0	157	31
	often	69	38	92	28	0	0	161	32
	very often	49	27	93	29	1	100	143	28
Discussions: students of diff. religious	never	16	9	35	11	0	0	51	10
	occasionally	62	34	125	38	1	100	188	37
	often	62	34	94	29	0	0	156	31
	very often	40	22	71	22	0	0	111	22
Total		180	100	325	100	1	100	506	100
Discussions: students of diff. race	never	29	16	77	24	0	0	106	21
	occasionally	78	43	155	48	1	100	234	46
	often	43	24	50	15	0	0	93	18
	very often	30	17	44	13	0	0	74	15



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**Student Acquaintances**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Total		180	100	326	100	1	100	507	100
Discussions:	never	48	27	119	37	1	100	168	33
students of diff.	occasionally	72	40	123	38	0	0	195	39
country	often	39	22	42	13	0	0	81	16
	very often	21	12	41	13	0	0	62	12
Total		180	100	325	100	1	100	506	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	7	4	15	5	0	0	22	4
	occasionally	38	21	68	21	0	0	106	21
	often	60	33	91	28	0	0	151	30
	very often	76	42	152	47	1	100	229	45
Total		181	100	326	100	1	100	508	100
Expressed relationships using math terms	never	17	9	50	15	0	0	67	13
	occasionally	61	34	112	35	0	0	173	34
	often	57	31	78	24	0	0	135	27
	very often	46	25	84	26	1	100	131	26
Total		181	100	324	100	1	100	506	100
Explained scientific concept to others	never	16	9	65	20	0	0	81	16
	occasionally	63	35	126	39	0	0	189	37
	often	59	33	71	22	1	100	131	26
	very often	42	23	64	20	0	0	106	21
Total		180	100	326	100	1	100	507	100
Read articles about science not assigned	never	50	28	153	47	0	0	203	40
	occasionally	81	45	111	34	1	100	193	38
	often	28	15	28	9	0	0	56	11
	very often	22	12	34	10	0	0	56	11
Total		181	100	326	100	1	100	508	100
Completed an experiment w/sci. methods	never	38	21	87	27	0	0	125	25
	occasionally	68	38	109	34	0	0	177	35
	often	45	25	63	19	1	100	109	21
	very often	30	17	66	20	0	0	96	19
Total		181	100	325	100	1	100	507	100
Practiced using laboratory equipment	never	77	43	141	43	0	0	218	43
	occasionally	70	39	97	30	0	0	167	33
	often	19	10	44	14	1	100	64	13
	very often	15	8	43	13	0	0	58	11
Total		181	100	325	100	1	100	507	100
Showed how to use scientific equipment	never	80	44	148	46	0	0	228	45
	occasionally	68	38	112	34	1	100	181	36
	often	19	10	38	12	0	0	57	11
	very often	14	8	27	8	0	0	41	8
Total		181	100	325	100	1	100	507	100
Explained experimental procedure	never	58	32	126	39	0	0	184	36
	occasionally	74	41	123	38	1	100	198	39
	often	31	17	45	14	0	0	76	15
	very often	16	9	31	10	0	0	47	9
Total		179	100	325	100	1	100	505	100

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**Science and Quantitative Experiences**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Compared sci. method with other methods	never	54	30	139	43	0	0	193	38
	occasionally	84	47	132	41	1	100	217	43
	often	30	17	31	10	0	0	61	12
	very often	12	7	23	7	0	0	35	7
Explained scientific basis for concerns	never	41	23	132	41	1	100	174	34
	occasionally	90	50	109	34	0	0	199	39
	often	37	20	50	15	0	0	87	17
	very often	13	7	33	10	0	0	46	9
<b>Total</b>		<b>181</b>	<b>100</b>	<b>324</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>506</b>	<b>100</b>

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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	2	1	1	0	0	0	3	1
	occasionally	44	24	66	20	0	0	110	22
	often	64	36	145	45	1	100	210	42
	very often	70	39	110	34	0	0	180	36
Total		180	100	322	100	1	100	503	100
Topic: Social issues--peace, justice, etc	never	10	6	23	7	1	100	34	7
	occasionally	62	34	133	41	0	0	195	39
	often	59	33	98	30	0	0	157	31
	very often	49	27	69	21	0	0	118	23
Total		180	100	323	100	1	100	504	100
Topic: Different lifestyles, etc.	never	5	3	9	3	0	0	14	3
	occasionally	74	41	127	39	1	100	202	40
	often	65	36	117	36	0	0	182	36
	very often	36	20	69	21	0	0	105	21
Total		180	100	322	100	1	100	503	100
Topic: Ideas of writers, etc.	never	21	12	56	17	1	100	78	16
	occasionally	81	45	168	52	0	0	249	50
	often	49	27	67	21	0	0	116	23
	very often	28	16	31	10	0	0	59	12
Total		179	100	322	100	1	100	502	100
Topic: The arts--painting, poetry, etc.	never	40	22	48	15	0	0	88	17
	occasionally	73	41	148	46	1	100	222	44
	often	44	24	82	25	0	0	126	25
	very often	23	13	45	14	0	0	68	13
Total		180	100	323	100	1	100	504	100
Topic: Science--theories, etc.	never	39	22	120	37	0	0	159	32
	occasionally	84	47	134	42	1	100	219	44
	often	44	24	47	15	0	0	91	18
	very often	13	7	21	7	0	0	34	7
Topic: Computers and other technologies	never	21	12	62	19	1	100	84	17
	occasionally	75	42	183	57	0	0	258	51
	often	59	33	52	16	0	0	111	22
	very often	25	14	26	8	0	0	51	10
Total		180	100	323	100	1	100	504	100
Topic: Social/ethical issues re: science	never	14	8	39	12	0	0	53	11
	occasionally	85	47	168	52	1	100	254	50
	often	58	32	77	24	0	0	135	27
	very often	23	13	39	12	0	0	62	12
Total		180	100	323	100	1	100	504	100
Topic: The economy--employment, etc.	never	9	5	29	9	0	0	38	8
	occasionally	64	36	146	45	1	100	211	42
	often	66	37	86	27	0	0	152	30
	very often	41	23	62	19	0	0	103	20
Total		180	100	323	100	1	100	504	100

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**Topics of Conversation**

		Sex of student								Total	
		Male		Female		Missing		N	%		
		N	%	N	%	N	%				
Topic: International relations	never	10	6	37	11	0	0	47	9		
	occasionally	65	36	143	44	1	100	209	41		
	often	58	32	78	24	0	0	136	27		
	very often	47	26	65	20	0	0	112	22		
Total		180	100	323	100	1	100	504	100		

**Information in Conversations**

		Sex of student								Total	
		Male		Female		Missing		N	%		
		N	%	N	%	N	%				
Referred to readings or classes	never	2	1	1	0	0	0	3	1		
	occasionally	64	36	92	29	1	100	157	31		
	often	75	42	137	43	0	0	212	42		
	very often	37	21	92	29	0	0	129	26		
Total		178	100	322	100	1	100	501	100		
Explored different ways of thinking	never	5	3	7	2	0	0	12	2		
	occasionally	68	38	132	41	1	100	201	40		
	often	69	39	127	40	0	0	196	39		
	very often	36	20	55	17	0	0	91	18		
Total		178	100	321	100	1	100	500	100		
Referred to something instructor said	never	11	6	8	2	0	0	19	4		
	occasionally	74	42	127	39	1	100	202	40		
	often	57	32	129	40	0	0	186	37		
	very often	36	20	58	18	0	0	94	19		
Total		178	100	322	100	1	100	501	100		
Subsequently read something on a topic	never	18	10	34	11	0	0	52	10		
	occasionally	67	38	151	47	1	100	219	44		
	often	65	37	101	31	0	0	166	33		
	very often	28	16	36	11	0	0	64	13		
Total		178	100	322	100	1	100	501	100		
Changed opinion because of others	never	17	10	35	11	0	0	52	10		
	occasionally	106	60	201	62	0	0	307	61		
	often	40	22	60	19	1	100	101	20		
	very often	15	8	26	8	0	0	41	8		
Total		178	100	322	100	1	100	501	100		
Persuaded others to change their minds	never	17	10	32	10	0	0	49	10		
	occasionally	84	47	211	66	1	100	296	59		
	often	61	34	53	16	0	0	114	23		
	very often	16	9	26	8	0	0	42	8		
Total		178	100	322	100	1	100	501	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	0	0	1	0	0	0	1	0
	fewer than 5	52	29	74	23	1	100	127	25
	between 5 and 10	96	53	176	54	0	0	272	54
	between 10 and 20	31	17	62	19	0	0	93	18
	more than 20	2	1	12	4	0	0	14	3
Total		181	100	325	100	1	100	507	100
Number of course packets read	none	20	11	27	8	0	0	47	9
	fewer than 5	76	43	158	50	1	100	235	47
	between 5 and 10	44	25	70	22	0	0	114	23
	between 10 and 20	26	15	44	14	0	0	70	14
	more than 20	12	7	19	6	0	0	31	6
Total		178	100	318	100	1	100	497	100
Number of non-assigned books read	none	45	26	99	31	1	100	145	29
	fewer than 5	104	59	173	54	0	0	277	55
	between 5 and 10	19	11	33	10	0	0	52	10
	between 10 and 20	7	4	12	4	0	0	19	4
	more than 20	1	1	6	2	0	0	7	1
Total		176	100	323	100	1	100	500	100
Number of essays written	none	10	6	34	10	0	0	44	9
	fewer than 5	69	39	140	43	1	100	210	42
	between 5 and 10	61	35	98	30	0	0	159	32
	between 10 and 20	28	16	44	14	0	0	72	14
	more than 20	8	5	9	3	0	0	17	3
Total		176	100	325	100	1	100	502	100
Number of term papers written	none	4	2	4	1	0	0	8	2
	fewer than 5	65	38	90	28	0	0	155	31
	between 5 and 10	65	38	137	43	1	100	203	41
	between 10 and 20	27	16	72	22	0	0	99	20
	more than 20	11	6	19	6	0	0	30	6
Total		172	100	322	100	1	100	495	100
Overall opinion of college	low	4	2	5	2	0	0	9	2
	3	7	4	11	3	0	0	18	4
	4	17	10	21	6	0	0	38	8
	5	25	14	36	11	0	0	61	12
	6	56	31	110	34	0	0	166	33
	7	39	22	65	20	1	100	105	21
	high	30	17	76	23	0	0	106	21
Total		178	100	324	100	1	100	503	100

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**Measures of the College Environment**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Env. Emphasis:	2	0	0	2	1	0	0	2	0
Scholarship	3	3	2	1	0	0	0	4	1
	4	13	7	9	3	0	0	22	4
	5	28	16	23	7	0	0	51	10
	6	73	41	98	30	0	0	171	34
	strong emphasis	61	34	192	59	1	100	254	50
Total		178	100	325	100	1	100	504	100
Env. Emphasis:	weak emphasis	2	1	4	1	0	0	6	1
Aesthetics	2	9	5	19	6	0	0	28	6
	3	14	8	22	7	0	0	36	7
	4	43	24	69	21	0	0	112	22
	5	54	30	86	26	1	100	141	28
	6	44	25	88	27	0	0	132	26
	strong emphasis	13	7	37	11	0	0	50	10
Total		179	100	325	100	1	100	505	100
Env. Emphasis:	2	2	1	2	1	0	0	4	1
Analysis	3	4	2	12	4	0	0	16	3
	4	18	10	18	6	0	0	36	7
	5	51	29	72	22	0	0	123	24
	6	69	39	129	40	1	100	199	39
	strong emphasis	34	19	92	28	0	0	126	25
Total		178	100	325	100	1	100	504	100
Env. Emphasis:	weak emphasis	2	1	12	4	0	0	14	3
Diversity	2	9	5	27	8	0	0	36	7
	3	22	12	45	14	0	0	67	13
	4	49	27	67	21	1	100	117	23
	5	47	26	85	26	0	0	132	26
	6	34	19	56	17	0	0	90	18
	strong emphasis	16	9	33	10	0	0	49	10
Total		179	100	325	100	1	100	505	100
Env. Emphasis:	weak emphasis	0	0	3	1	0	0	3	1
Info. literacy skills	2	5	3	6	2	0	0	11	2
	3	13	7	21	6	0	0	34	7
	4	39	22	55	17	1	100	95	19
	5	55	31	103	32	0	0	158	31
	6	47	26	89	27	0	0	136	27
	strong emphasis	19	11	47	15	0	0	66	13
Total		178	100	324	100	1	100	503	100

# Truman State University CSEQ Institutional Report Fall 2004

## Measures of the College Environment

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Env. Emphasis:	weak emphasis	14	8	13	4	0	0	27	5
Vocational	2	22	12	29	9	0	0	51	10
	3	29	16	39	12	1	100	69	14
	4	43	24	72	22	0	0	115	23
	5	32	18	88	27	0	0	120	24
	6	29	16	57	18	0	0	86	17
	strong emphasis	9	5	27	8	0	0	36	7
Total		178	100	325	100	1	100	504	100
Env. Emphasis:	weak emphasis	9	5	8	2	0	0	17	3
Practical	2	19	11	19	6	0	0	38	8
courses	3	17	10	37	11	0	0	54	11
	4	44	25	73	22	1	100	118	23
	5	45	25	86	26	0	0	131	26
	6	32	18	71	22	0	0	103	20
	strong emphasis	12	7	31	10	0	0	43	9
Relationships:	competitive	2	1	0	0	0	0	2	0
Other students	2	3	2	5	2	0	0	8	2
	3	7	4	11	3	0	0	18	4
	4	21	12	27	8	0	0	48	10
	5	44	25	46	14	0	0	90	18
	6	66	37	127	39	1	100	194	38
	friendly	35	20	109	34	0	0	144	29
Total		178	100	325	100	1	100	504	100
Relationships:	rigid	6	3	4	1	0	0	10	2
Administrative	2	12	7	25	8	0	0	37	7
personnel	3	23	13	27	8	0	0	50	10
	4	30	17	52	16	0	0	82	16
	5	53	30	109	34	1	100	163	32
	6	43	24	84	26	0	0	127	25
	helpful	11	6	24	7	0	0	35	7
Total		178	100	325	100	1	100	504	100
Relationships:	remote	1	1	1	0	0	0	2	0
Faculty	2	7	4	4	1	0	0	11	2
members	3	13	7	14	4	0	0	27	5
	4	16	9	28	9	0	0	44	9
	5	62	35	85	26	1	100	148	29
	6	59	33	137	42	0	0	196	39
	approachable	20	11	56	17	0	0	76	15
Total		178	100	325	100	1	100	504	100



# Truman State University CSEQ Institutional Report Fall 2004

## Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Vocational preparation	very little	18	10	29	9	0	0	47	9
	some	65	36	103	32	0	0	168	33
	quite a bit	64	36	130	40	1	100	195	39
	very much	32	18	64	20	0	0	96	19
Total		179	100	326	100	1	100	506	100
Gain: Skills for professional career	very little	2	1	10	3	0	0	12	2
	some	47	26	68	21	0	0	115	23
	quite a bit	82	46	156	48	1	100	239	47
	very much	48	27	92	28	0	0	140	28
Total		179	100	326	100	1	100	506	100
Gain: Broad general education	very little	2	1	4	1	0	0	6	1
	some	47	27	66	20	0	0	113	22
	quite a bit	77	44	161	50	1	100	239	48
	very much	51	29	94	29	0	0	145	29
Total		177	100	325	100	1	100	503	100
Gain: Career information	very little	8	4	9	3	0	0	17	3
	some	52	29	86	27	0	0	138	27
	quite a bit	81	46	161	50	1	100	243	48
	very much	37	21	68	21	0	0	105	21
Total		178	100	324	100	1	100	503	100
Gain: Enjoyment of art, music, drama	very little	54	30	59	18	0	0	113	22
	some	72	40	163	50	1	100	236	47
	quite a bit	37	21	73	22	0	0	110	22
	very much	16	9	31	10	0	0	47	9
Total		179	100	326	100	1	100	506	100
Gain: Acquaintance with literature	very little	51	28	55	17	0	0	106	21
	some	67	37	145	45	1	100	213	42
	quite a bit	46	26	86	26	0	0	132	26
	very much	15	8	39	12	0	0	54	11
Total		179	100	325	100	1	100	505	100
Gain: Understanding history	very little	26	15	54	17	1	100	81	16
	some	73	41	140	43	0	0	213	42
	quite a bit	51	29	89	27	0	0	140	28
	very much	28	16	43	13	0	0	71	14
Gain: Knowledge about world	very little	34	19	70	21	1	100	105	21
	some	66	37	140	43	0	0	206	41
	quite a bit	59	33	79	24	0	0	138	27
	very much	20	11	37	11	0	0	57	11
Total		179	100	326	100	1	100	506	100
Gain: Writing effectively	very little	8	4	11	3	0	0	19	4
	some	51	29	77	24	0	0	128	25
	quite a bit	81	46	157	48	1	100	239	47
	very much	38	21	80	25	0	0	118	23
Total		178	100	325	100	1	100	504	100

# Truman State University CSEQ Institutional Report Fall 2004

## Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Speaking effectively	very little	5	3	11	3	0	0	16	3
	some	56	31	98	30	0	0	154	30
	quite a bit	82	46	143	44	1	100	226	45
	very much	36	20	74	23	0	0	110	22
Total		179	100	326	100	1	100	506	100
Gain: Using computers, other info tech	very little	8	4	16	5	0	0	24	5
	some	49	27	98	30	0	0	147	29
	quite a bit	78	44	129	40	1	100	208	41
	very much	44	25	82	25	0	0	126	25
Total		179	100	325	100	1	100	505	100
Gain: Awareness of other philosophies	very little	12	7	23	7	1	100	36	7
	some	68	38	132	41	0	0	200	40
	quite a bit	68	38	121	37	0	0	189	38
	very much	30	17	49	15	0	0	79	16
Total		178	100	325	100	1	100	504	100
Gain: Values and ethical standards	very little	14	8	15	5	0	0	29	6
	some	42	24	88	27	1	100	131	26
	quite a bit	77	43	129	40	0	0	206	41
	very much	45	25	93	29	0	0	138	27
Total		178	100	325	100	1	100	504	100
Gain: Understanding self	very little	6	3	4	1	0	0	10	2
	some	40	22	45	14	1	100	86	17
	quite a bit	88	49	159	49	0	0	247	49
	very much	44	25	118	36	0	0	162	32
Gain: Getting along with others	very little	7	4	5	2	0	0	12	2
	some	60	34	79	24	1	100	140	28
	quite a bit	76	42	144	44	0	0	220	43
	very much	36	20	98	30	0	0	134	26
Total		179	100	326	100	1	100	506	100
Gain: Functioning as a team member	very little	11	6	11	3	0	0	22	4
	some	61	34	76	23	1	100	138	27
	quite a bit	74	41	148	46	0	0	222	44
	very much	33	18	90	28	0	0	123	24
Total		179	100	325	100	1	100	505	100
Gain: Personal health habits and fitness	very little	31	17	48	15	0	0	79	16
	some	68	38	121	37	1	100	190	38
	quite a bit	60	34	98	30	0	0	158	31
	very much	19	11	58	18	0	0	77	15
Total		178	100	325	100	1	100	504	100
Gain: Understanding science	very little	29	16	65	20	0	0	94	19
	some	68	38	130	40	1	100	199	39
	quite a bit	56	31	85	26	0	0	141	28
	very much	26	15	45	14	0	0	71	14
Total		179	100	325	100	1	100	505	100

# Truman State University CSEQ Institutional Report Fall 2004

## Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Understanding new technology	very little	30	17	90	28	0	0	120	24
	some	72	40	121	37	1	100	194	38
	quite a bit	49	28	73	22	0	0	122	24
	very much	27	15	42	13	0	0	69	14
Total		178	100	326	100	1	100	505	100
Gain: Consequences of science, tech.	very little	28	16	76	23	0	0	104	21
	some	69	39	141	43	1	100	211	42
	quite a bit	59	33	77	24	0	0	136	27
	very much	23	13	32	10	0	0	55	11
Total		179	100	326	100	1	100	506	100
Gain: Thinking analytically	very little	2	1	8	2	0	0	10	2
	some	47	26	94	29	0	0	141	28
	quite a bit	74	41	144	44	1	100	219	43
	very much	56	31	79	24	0	0	135	27
Total		179	100	325	100	1	100	505	100
Gain: Analyzing quantitative problems	very little	13	7	54	17	0	0	67	13
	some	71	40	116	36	1	100	188	37
	quite a bit	65	36	105	32	0	0	170	34
	very much	30	17	51	16	0	0	81	16
Total		179	100	326	100	1	100	506	100
Gain: Synthesizing ideas	very little	3	2	2	1	0	0	5	1
	some	47	26	80	25	1	100	128	25
	quite a bit	83	46	152	47	0	0	235	46
	very much	46	26	92	28	0	0	138	27
Total		179	100	326	100	1	100	506	100
Gain: Learning on one's own	very little	4	2	3	1	0	0	7	1
	some	43	24	65	20	0	0	108	21
	quite a bit	85	47	153	47	1	100	239	47
	very much	47	26	105	32	0	0	152	30
Total		179	100	326	100	1	100	506	100
Gain: Adapting to change	very little	7	4	8	2	0	0	15	3
	some	62	35	82	25	1	100	145	29
	quite a bit	70	39	147	45	0	0	217	43
	very much	40	22	88	27	0	0	128	25
Total		179	100	325	100	1	100	505	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	4	1	0	0	6	1
	response B	5	3	7	2	0	0	12	2
	response C	19	11	37	12	0	0	56	11
	response D	102	57	190	59	0	0	292	58
	response E	51	28	83	26	1	100	135	27
Total		179	100	321	100	1	100	501	100
Additional question #2	response A	25	14	49	15	0	0	74	15
	response B	52	29	71	22	0	0	123	25
	response C	34	19	92	29	1	100	127	25
	response D	32	18	40	12	0	0	72	14
	response E	36	20	69	21	0	0	105	21
Total		179	100	321	100	1	100	501	100
Additional question #3	response A	29	16	43	13	0	0	72	14
	response B	61	34	119	37	1	100	181	36
	response C	42	23	80	25	0	0	122	24
	response D	27	15	52	16	0	0	79	16
	response E	20	11	27	8	0	0	47	9
Total		179	100	321	100	1	100	501	100
Additional question #4	response A	47	26	53	17	0	0	100	20
	response B	93	52	199	62	0	0	292	58
	response C	27	15	58	18	1	100	86	17
	response D	10	6	6	2	0	0	16	3
	response E	2	1	4	1	0	0	6	1
Total		179	100	320	100	1	100	500	100
Additional question #5	response A	41	30	36	16	0	0	77	21
	response B	32	23	22	10	0	0	54	15
	response C	13	9	33	14	0	0	46	12
	response D	42	31	100	43	1	100	143	39
	response E	9	7	40	17	0	0	49	13
Total		137	100	231	100	1	100	369	100
Additional question #6	response A	38	30	43	20	0	0	81	24
	response B	35	28	92	43	1	100	128	38
	response C	17	14	48	22	0	0	65	19
	response D	31	25	30	14	0	0	61	18
	response E	4	3	1	0	0	0	5	1
Total		125	100	214	100	1	100	340	100
Additional question #7	response A	29	16	57	18	0	0	86	17
	response B	70	39	143	45	0	0	213	43
	response C	53	30	101	32	1	100	155	31
	response D	18	10	14	4	0	0	32	6
	response E	8	4	4	1	0	0	12	2

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		178	100	319	100	1	100	498	100
Additional question #8	response A	19	11	29	9	0	0	48	10
	response B	33	18	65	20	0	0	98	20
	response C	71	40	114	36	0	0	185	37
	response D	35	20	74	23	1	100	110	22
	response E	21	12	38	12	0	0	59	12
Total		179	100	320	100	1	100	500	100
Additional question #9	response A	28	16	59	18	1	100	88	18
	response B	38	21	72	23	0	0	110	22
	response C	41	23	75	24	0	0	116	23
	response D	47	26	77	24	0	0	124	25
	response E	25	14	36	11	0	0	61	12
Total		179	100	319	100	1	100	499	100
Additional question #10	response A	36	20	55	17	0	0	91	18
	response B	77	43	127	40	1	100	205	41
	response C	52	29	115	36	0	0	167	33
	response D	14	8	18	6	0	0	32	6
	response E	0	0	4	1	0	0	4	1
Total		179	100	319	100	1	100	499	100
Additional question #11	response A	45	25	88	28	0	0	133	27
	response B	78	44	169	53	1	100	248	50
	response C	50	28	54	17	0	0	104	21
	response D	6	3	7	2	0	0	13	3
Total		179	100	318	100	1	100	498	100
Additional question #12	response A	16	9	50	16	0	0	66	13
	response B	36	20	63	20	0	0	99	20
	response C	57	32	103	33	1	100	161	33
	response D	53	30	80	26	0	0	133	27
	response E	14	8	17	5	0	0	31	6
Total		176	100	313	100	1	100	490	100
Additional question #13	response A	16	9	39	13	0	0	55	11
	response B	32	18	63	20	0	0	95	19
	response C	52	29	99	32	0	0	151	31
	response D	56	32	82	26	1	100	139	28
	response E	21	12	28	9	0	0	49	10
Total		177	100	311	100	1	100	489	100
Additional question #14	response A	28	16	54	17	0	0	82	17
	response B	48	27	85	27	1	100	134	27
	response C	72	41	104	33	0	0	176	36
	response D	28	16	58	19	0	0	86	18
	response E	1	1	10	3	0	0	11	2
Total		177	100	311	100	1	100	489	100

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Additional question #15	response A	36	20	60	19	0	0	96	20
	response B	62	35	101	32	0	0	163	33
	response C	61	35	101	32	1	100	163	33
	response D	16	9	43	14	0	0	59	12
	response E	1	1	6	2	0	0	7	1
Total		176	100	311	100	1	100	488	100
Additional question #16	response A	16	9	58	19	0	0	74	15
	response B	42	24	91	29	1	100	134	27
	response C	71	40	120	39	0	0	191	39
	response D	43	24	36	12	0	0	79	16
	response E	5	3	5	2	0	0	10	2
Total		177	100	310	100	1	100	488	100
Additional question #17	response A	21	12	54	17	0	0	75	15
	response B	66	37	124	40	1	100	191	39
	response C	63	36	106	34	0	0	169	35
	response D	25	14	25	8	0	0	50	10
	response E	2	1	2	1	0	0	4	1
Total		177	100	311	100	1	100	489	100
Additional question #18	response A	21	12	40	13	1	100	62	13
	response B	33	19	54	17	0	0	87	18
	response C	43	24	92	30	0	0	135	28
	response D	37	21	78	25	0	0	115	24
	response E	43	24	47	15	0	0	90	18
Total		177	100	311	100	1	100	489	100
Additional question #19	response A	10	6	52	17	0	0	62	13
	response B	47	27	94	30	0	0	141	29
	response C	74	42	110	35	1	100	185	38
	response D	32	18	47	15	0	0	79	16
	response E	14	8	7	2	0	0	21	4
Total		177	100	310	100	1	100	488	100
Additional question #20	response A	37	21	68	22	0	0	105	22
	response B	92	52	180	58	1	100	273	56
	response C	37	21	47	15	0	0	84	17
	response D	4	2	7	2	0	0	11	2
	response E	6	3	7	2	0	0	13	3
Total		176	100	309	100	1	100	486	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	Male	181	181	2.41	.882	.066
		Female	327	327	2.34	.912	.050
		Missing	3	1	2.00	.	.
	Group Total	511	509	2.37	.901	.040	
Found something interesting browsing							
Sex of student	Male	Male	181	181	1.99	.753	.056
		Female	327	326	1.88	.705	.039
		Missing	3	1	1.00	.	.
	Group Total	511	508	1.92	.724	.032	
Asked a librarian/staff member for help							
Sex of student	Male	Male	181	179	1.80	.688	.051
		Female	327	326	1.82	.688	.038
		Missing	3	1	2.00	.	.
	Group Total	511	506	1.82	.686	.031	
Read assigned material not texts							
Sex of student	Male	Male	181	178	2.14	.815	.061
		Female	327	327	2.14	.844	.047
		Missing	3	1	2.00	.	.
	Group Total	511	506	2.14	.832	.037	
Used index or database to find material							
Sex of student	Male	Male	181	180	2.86	.826	.062
		Female	327	326	3.17	.790	.044
		Missing	3	1	3.00	.	.
	Group Total	511	507	3.06	.816	.036	
Wrote bibliography for a term paper							
Sex of student	Male	Male	181	180	2.84	.840	.063
		Female	327	326	3.07	.878	.049
		Missing	3	1	4.00	.	.
	Group Total	511	507	2.99	.871	.039	
Gone back to read basic reference							
Sex of student	Male	Male	181	180	1.81	.844	.063
		Female	327	327	1.76	.851	.047
		Missing	3	1	1.00	.	.
	Group Total	511	508	1.78	.848	.038	
Made a judgment							

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**Library Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Made a judgment about quality of info.	Sex of student	Male	181	180	2.66	.899	.067
		Female	327	327	2.70	.894	.049
		Missing	3	1	1.00	.	.
	Group Total		511	508	2.68	.897	.040

**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	181	181	3.78	.512	.038
		Female	327	326	3.94	.271	.015
		Missing	3	1	4.00	.	.
	Group Total		511	508	3.88	.382	.017
Used e-mail to communicate with class	Sex of student	Male	181	181	3.55	.670	.050
		Female	327	325	3.77	.475	.026
		Missing	3	1	4.00	.	.
	Group Total		511	507	3.69	.562	.025
Used computer tutorial to learn material	Sex of student	Male	181	181	1.98	.943	.070
		Female	327	326	2.06	.897	.050
		Missing	3	1	2.00	.	.
	Group Total		511	508	2.03	.913	.040
Joined in electronic class discussions	Sex of student	Male	181	181	1.94	.944	.070
		Female	327	326	1.96	.971	.054
		Missing	3	1	2.00	.	.
	Group Total		511	508	1.95	.960	.043
Searched Internet for course material	Sex of student	Male	181	181	3.42	.731	.054
		Female	327	326	3.69	.569	.032
		Missing	3	1	2.00	.	.
	Group Total		511	508	3.59	.648	.029
Retrieved off-campus library materials	Sex of student	Male	181	181	2.17	1.003	.075
		Female	327	326	2.25	1.040	.058
		Missing	3	1	1.00	.	.
	Group Total		511	508	2.22	1.027	.046



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**Computer and Information Technology Activities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Made visual displays with computer	Sex of student	Male	181	181	2.76	.923	.069
		Female	327	325	2.81	.905	.050
		Missing	3	1	3.00	.	.
	Group Total	511	507	2.79	.910	.040	
Used a computer to analyze data	Sex of student	Male	181	181	2.52	.975	.072
		Female	327	326	2.40	.954	.053
		Missing	3	1	2.00	.	.
	Group Total	511	508	2.44	.962	.043	
Developed Web page, multimedia present.	Sex of student	Male	181	181	2.20	.959	.071
		Female	327	326	2.03	.916	.051
		Missing	3	1	1.00	.	.
	Group Total	511	508	2.09	.934	.041	

**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Completed assigned readings	Sex of student	Male	181	180	3.18	.787	.059
		Female	327	326	3.33	.752	.042
		Missing	3	1	3.00	.	.
	Group Total	511	507	3.28	.767	.034	
Took detailed class notes	Sex of student	Male	181	181	3.35	.772	.057
		Female	327	326	3.69	.536	.030
		Missing	3	1	3.00	.	.
	Group Total	511	508	3.57	.650	.029	
Contributed to class discussions	Sex of student	Male	181	181	3.03	.809	.060
		Female	327	323	3.01	.782	.044
		Missing	3	1	2.00	.	.
	Group Total	511	505	3.02	.792	.035	
Developed role play/case study for class	Sex of student	Male	181	181	1.92	.781	.058
		Female	327	325	1.89	.823	.046
		Missing	3	1	1.00	.	.

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**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Developed role	Group Total		511	507	1.90	.807	.036
Put together different facts and ideas	Sex of student	Male	181	181	3.04	.788	.059
		Female	327	326	3.18	.758	.042
		Missing	3	1	2.00	.	.
	Group Total		511	508	3.13	.772	.034
Summarized major points and information	Sex of student	Male	181	181	2.94	.790	.059
		Female	327	325	3.18	.818	.045
		Missing	3	1	3.00	.	.
	Group Total		511	507	3.09	.815	.036
Worked with others on class project	Sex of student	Male	181	181	3.02	.781	.058
		Female	327	326	3.27	.782	.043
		Missing	3	1	3.00	.	.
	Group Total		511	508	3.18	.789	.035
Applied class material to other areas	Sex of student	Male	181	181	2.91	.772	.057
		Female	327	326	2.99	.750	.042
		Missing	3	1	2.00	.	.
	Group Total		511	508	2.96	.759	.034
Used info. from other areas in class	Sex of student	Male	181	181	2.84	.769	.057
		Female	327	325	2.97	.743	.041
		Missing	3	1	2.00	.	.
	Group Total		511	507	2.92	.754	.033
Explained course material to others	Sex of student	Male	181	181	2.98	.774	.058
		Female	327	326	3.08	.708	.039
		Missing	3	1	3.00	.	.
	Group Total		511	508	3.04	.733	.033
Worked on project integrating ideas	Sex of student	Male	181	180	3.11	.766	.057
		Female	327	323	3.30	.748	.042
		Missing	3	1	2.00	.	.
	Group Total		511	504	3.23	.761	.034

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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	181	181	2.73	.898	.067
		Female	327	326	2.99	.875	.048
		Missing	3	1	2.00	.	.
	Group Total	511	508	2.90	.891	.040	
Thought about grammar, etc while writing	Sex of student	Male	181	181	3.20	.813	.060
		Female	327	326	3.46	.704	.039
		Missing	3	1	3.00	.	.
	Group Total	511	508	3.37	.754	.033	
Asked others to read your writing	Sex of student	Male	181	181	2.67	.918	.068
		Female	327	326	2.87	.897	.050
		Missing	3	1	3.00	.	.
	Group Total	511	508	2.80	.907	.040	
Referred to a style manual	Sex of student	Male	181	180	2.38	.953	.071
		Female	327	326	2.74	.912	.051
		Missing	3	1	2.00	.	.
	Group Total	511	507	2.61	.941	.042	
Revised a paper two or more times	Sex of student	Male	181	181	2.45	.933	.069
		Female	327	324	2.69	.929	.052
		Missing	3	1	3.00	.	.
	Group Total	511	506	2.61	.936	.042	
Asked for writing advice	Sex of student	Male	181	180	1.99	.829	.062
		Female	327	325	2.09	.905	.050
		Missing	3	1	2.00	.	.
	Group Total	511	506	2.05	.878	.039	
Prepared major report for class	Sex of student	Male	181	180	1.73	.913	.068
		Female	327	325	1.65	.875	.049
		Missing	3	1	2.00	.	.
	Group Total	511	506	1.68	.888	.039	

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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	181	181	2.86	.776	.058
		Female	327	326	2.85	.833	.046
		Missing	3	1	3.00	.	.
	Group Total		511	508	2.85	.812	.036
Discussed academic program with faculty	Sex of student	Male	181	180	2.68	.837	.062
		Female	327	326	2.58	.803	.044
		Missing	3	1	2.00	.	.
	Group Total		511	507	2.61	.815	.036
Discussed term paper with faculty	Sex of student	Male	181	181	2.41	.795	.059
		Female	327	325	2.34	.812	.045
		Missing	3	1	2.00	.	.
	Group Total		511	507	2.37	.805	.036
Discussed career plans with faculty	Sex of student	Male	181	181	2.27	.892	.066
		Female	327	326	2.19	.844	.047
		Missing	3	1	2.00	.	.
	Group Total		511	508	2.21	.861	.038
Worked harder due to instructor feedback	Sex of student	Male	181	181	2.62	.845	.063
		Female	327	326	2.68	.864	.048
		Missing	3	1	2.00	.	.
	Group Total		511	508	2.66	.857	.038
Socialized with faculty outside of class	Sex of student	Male	181	181	1.86	.905	.067
		Female	327	326	1.65	.838	.046
		Missing	3	1	1.00	.	.
	Group Total		511	508	1.72	.867	.038
Discussed with others outside of class	Sex of student	Male	181	181	1.94	.874	.065
		Female	327	325	1.85	.850	.047
		Missing	3	1	1.00	.	.
	Group Total		511	507	1.88	.859	.038
Asked instructor about							

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**Experiences with Faculty**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Asked instructor about performance	Sex of student	Male	181	180	2.13	.885	.066
		Female	327	324	2.02	.914	.051
		Missing	3	1	2.00	.	.
	Group Total	511	505	2.06	.903	.040	
Worked to meet faculty expectations	Sex of student	Male	181	181	2.45	.980	.073
		Female	327	326	2.56	.885	.049
		Missing	3	1	2.00	.	.
	Group Total	511	508	2.52	.920	.041	
Worked with faculty member on research	Sex of student	Male	181	181	1.63	.920	.068
		Female	327	326	1.52	.940	.052
		Missing	3	1	1.00	.	.
	Group Total	511	508	1.56	.933	.041	

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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		181	181	2.12	.944	.070
	Female		327	326	2.50	.963	.053
	Missing		3	1	2.00	.	.
Group Total			511	508	2.36	.973	.043
Went to exhibit or performance							
Sex of student	Male		181	181	2.03	.853	.063
	Female		327	326	2.31	.908	.050
	Missing		3	1	2.00	.	.
Group Total			511	508	2.21	.898	.040
Participated in art or theater activity							
Sex of student	Male		181	181	1.50	.793	.059
	Female		327	325	1.67	.942	.052
	Missing		3	1	1.00	.	.
Group Total			511	507	1.61	.894	.040
Talked about music or musicians							
Sex of student	Male		181	181	2.52	.981	.073
	Female		327	326	2.76	.975	.054
	Missing		3	1	2.00	.	.
Group Total			511	508	2.68	.982	.044
Attended a concert or other music event							
Sex of student	Male		181	181	2.26	.878	.065
	Female		327	326	2.42	.876	.049
	Missing		3	1	2.00	.	.
Group Total			511	508	2.36	.878	.039
Participated in music activity							
Sex of student	Male		181	180	1.52	.912	.068
	Female		327	326	1.67	1.001	.055
	Missing		3	1	2.00	.	.
Group Total			511	507	1.62	.972	.043
Read or discussed opinions of critics							
Sex of student	Male		181	181	1.80	.893	.066
	Female		327	326	1.86	.921	.051
	Missing		3	1	1.00	.	.
Group Total			511	508	1.83	.910	.040

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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		181	181	2.37	.844	.063
	Female		327	326	2.27	.874	.048
	Missing		3	1	2.00	.	.
Group Total			511	508	2.31	.863	.038
Met other students for discussion							
Sex of student	Male		181	181	2.55	.826	.061
	Female		327	326	2.87	.892	.049
	Missing		3	1	1.00	.	.
Group Total			511	508	2.75	.884	.039
Attended cultural/social event							
Sex of student	Male		181	181	2.17	.719	.053
	Female		327	325	2.45	.851	.047
	Missing		3	1	2.00	.	.
Group Total			511	507	2.35	.816	.036
Went to lecture or panel discussion							
Sex of student	Male		181	181	2.02	.726	.054
	Female		327	324	1.92	.769	.043
	Missing		3	1	1.00	.	.
Group Total			511	506	1.95	.755	.034
Used a campus learning lab or center							
Sex of student	Male		181	181	1.77	.754	.056
	Female		327	326	1.76	.794	.044
	Missing		3	1	1.00	.	.
Group Total			511	508	1.76	.779	.035
Used campus recreational facilities							
Sex of student	Male		181	181	2.77	.944	.070
	Female		327	325	2.85	1.021	.057
	Missing		3	1	2.00	.	.
Group Total			511	507	2.82	.993	.044
Played a team sport							
Sex of student	Male		181	181	2.36	1.196	.089
	Female		327	326	1.94	1.132	.063
	Missing		3	1	1.00	.	.
Group Total			511	508	2.09	1.172	.052
Followed regular							

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**Campus Facilities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Followed regular exercise schedule	Sex of student	Male	181	181	2.51	1.158	.086
		Female	327	326	2.36	1.186	.066
		Missing	3	1	2.00	.	.
	Group Total	511	508	2.41	1.176	.052	

**Clubs and Organizations**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Attended a meeting of campus org.	Sex of student	Male	181	181	2.93	1.116	.083
		Female	327	326	3.42	.924	.051
		Missing	3	1	1.00	.	.
	Group Total	511	508	3.24	1.027	.046	
Worked on campus committee/organization	Sex of student	Male	181	181	2.09	1.166	.087
		Female	327	326	2.67	1.237	.069
		Missing	3	1	1.00	.	.
	Group Total	511	508	2.46	1.244	.055	
Worked on off-campus committee/org.	Sex of student	Male	181	180	1.91	1.034	.077
		Female	327	326	1.72	1.003	.056
		Missing	3	1	1.00	.	.
	Group Total	511	507	1.79	1.017	.045	
Met with faculty to discuss campus group	Sex of student	Male	181	181	1.84	.973	.072
		Female	327	325	1.76	.955	.053
		Missing	3	1	1.00	.	.
	Group Total	511	507	1.79	.961	.043	
Managed an organization on or off campus	Sex of student	Male	181	181	2.30	1.178	.088
		Female	327	325	2.42	1.233	.068
		Missing	3	1	1.00	.	.
	Group Total	511	507	2.37	1.214	.054	



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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		181	180	2.85	.862	.064
	Female		327	325	3.35	.786	.044
	Missing		3	1	3.00	.	.
	Group Total		511	506	3.17	.847	.038
Discussed why some people get along							
Sex of student	Male		181	180	2.72	.866	.065
	Female		327	326	3.10	.872	.048
	Missing		3	1	2.00	.	.
	Group Total		511	507	2.96	.887	.039
Asked for help with a personal problem							
Sex of student	Male		181	180	2.62	.905	.067
	Female		327	325	3.22	.848	.047
	Missing		3	1	2.00	.	.
	Group Total		511	506	3.00	.914	.041
Read about personal growth/self-improve							
Sex of student	Male		181	179	1.90	.900	.067
	Female		327	325	1.96	.885	.049
	Missing		3	1	1.00	.	.
	Group Total		511	505	1.94	.890	.040
Identified with book/movie/TV character							
Sex of student	Male		181	179	2.70	.910	.068
	Female		327	326	2.90	.888	.049
	Missing		3	1	3.00	.	.
	Group Total		511	506	2.83	.899	.040
Took test to measure abilities/interests							
Sex of student	Male		181	180	2.27	.894	.067
	Female		327	325	2.18	.942	.052
	Missing		3	1	1.00	.	.
	Group Total		511	506	2.21	.926	.041
Asked friend his/her opinion of you							
Sex of student	Male		181	180	2.18	.942	.070
	Female		327	326	2.29	.943	.052
	Missing		3	1	1.00	.	.
	Group Total		511	507	2.25	.944	.042
Talked with F/S							

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**Personal Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Talked with F/S about personal concern	Sex of student	Male	181	179	1.69	.848	.063
		Female	327	326	1.65	.855	.047
		Missing	3	1	1.00	.	.
	Group Total	511	506	1.67	.852	.038	

**Student Acquaintances**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Acquainted: students of diff. interests	Sex of student	Male	181	181	2.79	.823	.061
		Female	327	326	2.99	.748	.041
		Missing	3	1	2.00	.	.
	Group Total	511	508	2.92	.781	.035	
Acquainted: students of diff. background	Sex of student	Male	181	180	2.95	.764	.057
		Female	327	325	2.91	.772	.043
		Missing	3	1	2.00	.	.
	Group Total	511	506	2.92	.769	.034	
Acquainted: students of diff. age	Sex of student	Male	181	181	2.91	.828	.062
		Female	327	324	2.90	.822	.046
		Missing	3	1	2.00	.	.
	Group Total	511	506	2.90	.823	.037	
Acquainted: students of diff. race	Sex of student	Male	181	180	2.72	.827	.062
		Female	327	326	2.61	.806	.045
		Missing	3	1	2.00	.	.
	Group Total	511	507	2.65	.814	.036	
Acquainted: students from other country	Sex of student	Male	181	180	2.51	.875	.065
		Female	327	325	2.38	.886	.049
		Missing	3	1	1.00	.	.
	Group Total	511	506	2.42	.885	.039	
Discussions: students of diff. values	Sex of student	Male	181	181	2.67	.870	.065
		Female	327	326	2.61	.934	.052
		Missing	3	1	2.00	.	.
	Group Total	511	508	2.63	.910	.040	

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**Student Acquaintances**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Discussions: students of diff. political							
Sex of student	Male		181	181	2.86	.895	.067
	Female		327	326	2.75	.989	.055
	Missing		3	1	4.00	.	.
Group Total			511	508	2.79	.958	.042
Discussions: students of diff. religious							
Sex of student	Male		181	180	2.70	.915	.068
	Female		327	325	2.62	.944	.052
	Missing		3	1	2.00	.	.
Group Total			511	506	2.65	.933	.041
Discussions: students of diff. race							
Sex of student	Male		181	180	2.41	.950	.071
	Female		327	326	2.19	.947	.052
	Missing		3	1	2.00	.	.
Group Total			511	507	2.27	.952	.042
Discussions: students of diff. country							
Sex of student	Male		181	180	2.18	.960	.072
	Female		327	325	2.02	1.001	.056
	Missing		3	1	1.00	.	.
Group Total			511	506	2.07	.989	.044

**Science and Quantitative Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Memorized formulas/definitions/concepts							
Sex of student	Male		181	181	3.13	.878	.065
	Female		327	326	3.17	.913	.051
	Missing		3	1	4.00	.	.
Group Total			511	508	3.16	.900	.040
Expressed relationships using math terms							
Sex of student	Male		181	181	2.73	.948	.070
	Female		327	324	2.60	1.034	.057
	Missing		3	1	4.00	.	.
Group Total			511	506	2.65	1.006	.045
Explained scientific concept to others							
Sex of student	Male		181	180	2.71	.926	.069
	Female		327	326	2.41	1.018	.056
	Missing		3	1	3.00	.	.

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**Science and Quantitative Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Explained scientific	Group Total		511	507	2.52	.995	.044
Read articles about science not assigned	Sex of student	Male	181	181	2.12	.953	.071
		Female	327	326	1.83	.972	.054
		Missing	3	1	2.00	.	.
	Group Total		511	508	1.93	.974	.043
Completed an experiment w/sci. methods	Sex of student	Male	181	181	2.37	.995	.074
		Female	327	325	2.33	1.080	.060
		Missing	3	1	3.00	.	.
	Group Total		511	507	2.35	1.049	.047
Practiced using laboratory equipment	Sex of student	Male	181	181	1.85	.918	.068
		Female	327	325	1.97	1.049	.058
		Missing	3	1	3.00	.	.
	Group Total		511	507	1.93	1.005	.045
Showed how to use scientific equipment	Sex of student	Male	181	181	1.82	.910	.068
		Female	327	325	1.83	.937	.052
		Missing	3	1	2.00	.	.
	Group Total		511	507	1.82	.925	.041
Explained experimental procedure	Sex of student	Male	181	179	2.03	.927	.069
		Female	327	325	1.94	.952	.053
		Missing	3	1	2.00	.	.
	Group Total		511	505	1.97	.942	.042
Compared sci. method with other methods	Sex of student	Male	181	180	2.00	.859	.064
		Female	327	325	1.81	.879	.049
		Missing	3	1	2.00	.	.
	Group Total		511	506	1.88	.875	.039
Explained scientific basis for concerns	Sex of student	Male	181	181	2.12	.841	.063
		Female	327	324	1.95	.985	.055
		Missing	3	1	1.00	.	.
	Group Total		511	506	2.01	.939	.042

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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		181	180	3.12	.816	.061
	Female		327	322	3.13	.737	.041
	Missing		3	1	3.00	.	.
Group Total			511	503	3.13	.765	.034
Topic: Social issues--peace,justice, etc							
Sex of student	Male		181	180	2.82	.900	.067
	Female		327	323	2.66	.893	.050
	Missing		3	1	1.00	.	.
Group Total			511	504	2.71	.900	.040
Topic: Different lifestyles, etc.							
Sex of student	Male		181	180	2.73	.809	.060
	Female		327	322	2.76	.817	.046
	Missing		3	1	2.00	.	.
Group Total			511	503	2.75	.813	.036
Topic: Ideas of writers, etc.							
Sex of student	Male		181	179	2.47	.895	.067
	Female		327	322	2.23	.847	.047
	Missing		3	1	1.00	.	.
Group Total			511	502	2.31	.873	.039
Topic: The arts--painting, poetry, etc.							
Sex of student	Male		181	180	2.28	.952	.071
	Female		327	323	2.38	.903	.050
	Missing		3	1	2.00	.	.
Group Total			511	504	2.35	.920	.041
Topic: Science--theories, etc.							
Sex of student	Male		181	180	2.17	.851	.063
	Female		327	322	1.90	.879	.049
	Missing		3	1	2.00	.	.
Group Total			511	503	2.00	.877	.039
Topic: Computers and other technologies							
Sex of student	Male		181	180	2.49	.875	.065
	Female		327	323	2.13	.812	.045
	Missing		3	1	1.00	.	.
Group Total			511	504	2.26	.853	.038
Topic: Social/ethical issues re: science							
Sex of student	Male		181	180	2.50	.815	.061
	Female		327	323	2.36	.846	.047
	Missing		3	1	2.00	.	.
Group Total			511	504	2.41	.836	.037

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**Topics of Conversation**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Topic: The economy--employment, etc.							
Sex of student	Male		181	180	2.77	.858	.064
	Female		327	323	2.56	.901	.050
	Missing		3	1	2.00	.	.
Group Total			511	504	2.63	.890	.040
Topic: International relations							
Sex of student	Male		181	180	2.79	.897	.067
	Female		327	323	2.53	.940	.052
	Missing		3	1	2.00	.	.
Group Total			511	504	2.62	.932	.042

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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		181	178	2.83	.765	.057
	Female		327	322	2.99	.765	.043
	Missing		3	1	2.00	.	.
	Group Total		511	501	2.93	.769	.034
Explored different ways of thinking							
Sex of student	Male		181	178	2.76	.803	.060
	Female		327	321	2.72	.769	.043
	Missing		3	1	2.00	.	.
	Group Total		511	500	2.73	.781	.035
Referred to something instructor said							
Sex of student	Male		181	178	2.66	.869	.065
	Female		327	322	2.74	.779	.043
	Missing		3	1	2.00	.	.
	Group Total		511	501	2.71	.812	.036
Subsequently read something on a topic							
Sex of student	Male		181	178	2.58	.875	.066
	Female		327	322	2.43	.826	.046
	Missing		3	1	2.00	.	.
	Group Total		511	501	2.48	.845	.038
Changed opinion because of others							
Sex of student	Male		181	178	2.30	.756	.057
	Female		327	322	2.24	.750	.042
	Missing		3	1	3.00	.	.
	Group Total		511	501	2.26	.752	.034
Persuaded others to change their minds							
Sex of student	Male		181	178	2.43	.787	.059
	Female		327	322	2.23	.733	.041
	Missing		3	1	2.00	.	.
	Group Total		511	501	2.30	.757	.034

**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Library Scale							
Sex of student	Male		181	177	18.53	4.208	.316
	Female		327	323	18.88	3.843	.214
	Missing		3	1	16.00	.	.

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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Library Scale	Group Total		511	501	18.75	3.973	.178
QE: Computer and IT Scale	Sex of student	Male	181	181	24.31	4.598	.342
		Female	327	324	24.91	3.933	.218
		Missing	3	1	21.00	.	.
	Group Total		511	506	24.69	4.188	.186
QE: Course Learning Scale	Sex of student	Male	181	179	32.34	5.265	.394
		Female	327	317	33.83	4.731	.266
		Missing	3	1	26.00	.	.
	Group Total		511	497	33.28	4.983	.224
QE: Writing Experiences Scale	Sex of student	Male	181	178	17.11	4.123	.309
		Female	327	322	18.48	3.976	.222
		Missing	3	1	17.00	.	.
	Group Total		511	501	17.99	4.075	.182
QE: Experiences with Faculty Scale	Sex of student	Male	181	179	22.87	6.383	.477
		Female	327	322	22.27	5.939	.331
		Missing	3	1	18.00	.	.
	Group Total		511	502	22.47	6.099	.272
QE: Art, Music, Theater Scale	Sex of student	Male	181	180	13.69	4.492	.335
		Female	327	325	15.21	4.699	.261
		Missing	3	1	12.00	.	.
	Group Total		511	506	14.66	4.675	.208
QE: Campus Facilities Scale	Sex of student	Male	181	181	18.51	4.059	.302
		Female	327	322	18.44	4.348	.242
		Missing	3	1	12.00	.	.
	Group Total		511	504	18.45	4.248	.189
QE: Clubs and Organizations Scale	Sex of student	Male	181	180	11.02	4.168	.311
		Female	327	325	12.00	3.907	.217
		Missing	3	1	5.00	.	.
	Group Total		511	506	11.64	4.032	.179
QE: Personal							



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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Personal Experiences Scale	Sex of student	Male	181	177	18.90	4.732	.356
		Female	327	322	20.65	4.510	.251
		Missing	3	1	14.00	.	.
	Group Total	511	500	20.02	4.664	.209	
QE: Student Acquaintances Scale	Sex of student	Male	181	175	26.62	6.355	.480
		Female	327	320	25.96	6.551	.366
		Missing	3	1	20.00	.	.
	Group Total	511	496	26.18	6.483	.291	
QE: Science & Quantitative Exp. Scale	Sex of student	Male	181	177	22.88	6.429	.483
		Female	327	322	21.86	7.423	.414
		Missing	3	1	26.00	.	.
	Group Total	511	500	22.23	7.092	.317	
QE: Topics of Conversation Scale	Sex of student	Male	181	179	26.10	5.835	.436
		Female	327	319	24.61	5.416	.303
		Missing	3	1	18.00	.	.
	Group Total	511	499	25.13	5.614	.251	
QE: Information in Conversations Scale	Sex of student	Male	181	178	15.56	3.702	.277
		Female	327	321	15.36	3.439	.192
		Missing	3	1	13.00	.	.
	Group Total	511	500	15.42	3.531	.158	

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**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
<b>Number of texts read</b>							
Sex of student	Male		181	181	2.91	.705	.052
	Female		327	325	3.03	.761	.042
	Missing		3	1	2.00	.	.
	Group Total		511	507	2.98	.744	.033
<b>Number of course packets read</b>							
Sex of student	Male		181	178	2.63	1.078	.081
	Female		327	318	2.59	1.025	.057
	Missing		3	1	2.00	.	.
	Group Total		511	497	2.60	1.042	.047
<b>Number of non-assigned books read</b>							
Sex of student	Male		181	176	1.95	.758	.057
	Female		327	323	1.93	.849	.047
	Missing		3	1	1.00	.	.
	Group Total		511	500	1.93	.818	.037
<b>Number of essays written</b>							
Sex of student	Male		181	176	2.74	.949	.072
	Female		327	325	2.55	.947	.053
	Missing		3	1	2.00	.	.
	Group Total		511	502	2.62	.950	.042
<b>Number of term papers written</b>							
Sex of student	Male		181	172	2.86	.932	.071
	Female		327	322	3.04	.889	.050
	Missing		3	1	3.00	.	.
	Group Total		511	495	2.98	.906	.041
<b>How well college is liked</b>							
Sex of student	Male		181	178	3.03	.806	.060
	Female		327	325	3.15	.789	.044
	Missing		3	1	3.00	.	.
	Group Total		511	504	3.11	.795	.035
<b>Would attend same institution again</b>							
Sex of student	Male		181	179	2.98	.890	.067
	Female		327	324	3.11	.810	.045
	Missing		3	1	4.00	.	.
	Group Total		511	504	3.07	.841	.037
<b>Overall opinion of</b>							

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**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Overall opinion of college	Sex of student	Male	181	178	6.02	1.463	.110
		Female	327	324	6.27	1.413	.079
		Missing	3	1	7.00	.	.
	Group Total	511	503	6.18	1.434	.064	

**Measures of the College Environment**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Env. Emphasis: Scholarship	Sex of student	Male	181	178	5.99	.974	.073
		Female	327	325	6.43	.846	.047
		Missing	3	1	7.00	.	.
	Group Total	511	504	6.28	.917	.041	
Env. Emphasis: Aesthetics	Sex of student	Male	181	179	4.80	1.300	.097
		Female	327	325	4.93	1.390	.077
		Missing	3	1	5.00	.	.
	Group Total	511	505	4.88	1.358	.060	
Env. Emphasis: Analysis	Sex of student	Male	181	178	5.59	1.050	.079
		Female	327	325	5.82	1.061	.059
		Missing	3	1	6.00	.	.
	Group Total	511	504	5.74	1.061	.047	
Env. Emphasis: Diversity	Sex of student	Male	181	179	4.65	1.354	.101
		Female	327	325	4.50	1.559	.086
		Missing	3	1	4.00	.	.
	Group Total	511	505	4.55	1.489	.066	
Env. Emphasis: Info. literacy skills	Sex of student	Male	181	178	5.03	1.209	.091
		Female	327	324	5.17	1.254	.070
		Missing	3	1	4.00	.	.
	Group Total	511	503	5.12	1.239	.055	
Env. Emphasis: Vocational	Sex of student	Male	181	178	4.01	1.633	.122
		Female	327	325	4.45	1.536	.085
		Missing	3	1	3.00	.	.
	Group Total	511	504	4.29	1.583	.071	

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**Measures of the College Environment**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
<b>Env. Emphasis:</b>							
<b>Practical courses</b>							
Sex of student	Male		181	178	4.35	1.564	.117
	Female		327	325	4.68	1.451	.080
	Missing		3	1	4.00	.	.
Group Total			511	504	4.57	1.497	.067
<b>Relationships:</b>							
<b>Other students</b>							
Sex of student	Male		181	178	5.47	1.245	.093
	Female		327	325	5.86	1.160	.064
	Missing		3	1	6.00	.	.
Group Total			511	504	5.73	1.203	.054
<b>Relationships:</b>							
<b>Administrative personnel</b>							
Sex of student	Male		181	178	4.60	1.474	.110
	Female		327	325	4.80	1.379	.076
	Missing		3	1	5.00	.	.
Group Total			511	504	4.73	1.414	.063
<b>Relationships:</b>							
<b>Faculty members</b>							
Sex of student	Male		181	178	5.18	1.258	.094
	Female		327	325	5.54	1.112	.062
	Missing		3	1	5.00	.	.
Group Total			511	504	5.41	1.177	.052

**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
<b>Gain: Vocational preparation</b>							
Sex of student	Male		181	179	2.61	.894	.067
	Female		327	326	2.70	.884	.049
	Missing		3	1	3.00	.	.
Group Total			511	506	2.67	.887	.039
<b>Gain: Skills for professional career</b>							
Sex of student	Male		181	179	2.98	.761	.057
	Female		327	326	3.01	.784	.043
	Missing		3	1	3.00	.	.
Group Total			511	506	3.00	.775	.034
<b>Gain: Broad general education</b>							
Sex of student	Male		181	177	3.00	.776	.058
	Female		327	325	3.06	.734	.041
	Missing		3	1	3.00	.	.

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Broad general	Group Total		511	503	3.04	.748	.033
Gain: Career information	Sex of student	Male	181	178	2.83	.808	.061
		Female	327	324	2.89	.759	.042
		Missing	3	1	3.00	.	.
	Group Total		511	503	2.87	.776	.035
Gain: Enjoyment of art, music, drama	Sex of student	Male	181	179	2.08	.929	.069
		Female	327	326	2.23	.856	.047
		Missing	3	1	2.00	.	.
	Group Total		511	506	2.18	.884	.039
Gain: Acquaintance with literature	Sex of student	Male	181	179	2.14	.929	.069
		Female	327	325	2.34	.897	.050
		Missing	3	1	2.00	.	.
	Group Total		511	505	2.27	.911	.041
Gain: Understanding history	Sex of student	Male	181	178	2.46	.927	.069
		Female	327	326	2.37	.912	.050
		Missing	3	1	1.00	.	.
	Group Total		511	505	2.40	.918	.041
Gain: Knowledge about world	Sex of student	Male	181	179	2.36	.916	.068
		Female	327	326	2.25	.921	.051
		Missing	3	1	1.00	.	.
	Group Total		511	506	2.29	.921	.041
Gain: Writing effectively	Sex of student	Male	181	178	2.84	.811	.061
		Female	327	325	2.94	.785	.044
		Missing	3	1	3.00	.	.
	Group Total		511	504	2.90	.794	.035
Gain: Speaking effectively	Sex of student	Male	181	179	2.83	.775	.058
		Female	327	326	2.86	.803	.044
		Missing	3	1	3.00	.	.
	Group Total		511	506	2.85	.792	.035
Gain: Using computers,							

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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	181	179	2.88	.830	.062
		Female	327	325	2.85	.855	.047
		Missing	3	1	3.00	.	.
	Group Total		511	505	2.86	.845	.038
Gain: Awareness of other philosophies	Sex of student	Male	181	178	2.65	.838	.063
		Female	327	325	2.60	.827	.046
		Missing	3	1	1.00	.	.
	Group Total		511	504	2.62	.833	.037
Gain: Values and ethical standards	Sex of student	Male	181	178	2.86	.888	.067
		Female	327	325	2.92	.859	.048
		Missing	3	1	2.00	.	.
	Group Total		511	504	2.90	.869	.039
Gain: Understanding self	Sex of student	Male	181	178	2.96	.780	.058
		Female	327	326	3.20	.715	.040
		Missing	3	1	2.00	.	.
	Group Total		511	505	3.11	.748	.033
Gain: Getting along with others	Sex of student	Male	181	179	2.79	.807	.060
		Female	327	326	3.03	.778	.043
		Missing	3	1	2.00	.	.
	Group Total		511	506	2.94	.796	.035
Gain: Functioning as a team member	Sex of student	Male	181	179	2.72	.835	.062
		Female	327	325	2.98	.805	.045
		Missing	3	1	2.00	.	.
	Group Total		511	505	2.88	.824	.037
Gain: Personal health habits and fitness	Sex of student	Male	181	178	2.38	.895	.067
		Female	327	325	2.51	.951	.053
		Missing	3	1	2.00	.	.
	Group Total		511	504	2.46	.932	.042
Gain: Understanding science	Sex of student	Male	181	179	2.44	.931	.070
		Female	327	325	2.34	.951	.053
		Missing	3	1	2.00	.	.

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Understanding	Group Total		511	505	2.37	.943	.042
Gain: Understanding new technology	Sex of student	Male	181	178	2.41	.942	.071
		Female	327	326	2.21	.988	.055
		Missing	3	1	2.00	.	.
	Group Total		511	505	2.28	.975	.043
Gain: Consequences of science, tech.	Sex of student	Male	181	179	2.43	.905	.068
		Female	327	326	2.20	.908	.050
		Missing	3	1	2.00	.	.
	Group Total		511	506	2.28	.912	.041
Gain: Thinking analytically	Sex of student	Male	181	179	3.03	.789	.059
		Female	327	325	2.90	.790	.044
		Missing	3	1	3.00	.	.
	Group Total		511	505	2.95	.790	.035
Gain: Analyzing quantitative problems	Sex of student	Male	181	179	2.63	.848	.063
		Female	327	326	2.47	.947	.052
		Missing	3	1	2.00	.	.
	Group Total		511	506	2.52	.914	.041
Gain: Synthesizing ideas	Sex of student	Male	181	179	2.96	.767	.057
		Female	327	326	3.02	.744	.041
		Missing	3	1	2.00	.	.
	Group Total		511	506	3.00	.753	.033
Gain: Learning on one's own	Sex of student	Male	181	179	2.98	.771	.058
		Female	327	326	3.10	.741	.041
		Missing	3	1	3.00	.	.
	Group Total		511	506	3.06	.753	.033
Gain: Adapting to change	Sex of student	Male	181	179	2.80	.830	.062
		Female	327	325	2.97	.789	.044
		Missing	3	1	2.00	.	.
	Group Total		511	505	2.91	.807	.036

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #1							
Sex of student	Male		181	179	4.09	.774	.058
	Female		327	321	4.06	.756	.042
	Missing		3	1	5.00	.	.
Group Total			511	501	4.07	.762	.034
Additional question #2							
Sex of student	Male		181	179	3.01	1.357	.101
	Female		327	321	3.03	1.349	.075
	Missing		3	1	3.00	.	.
Group Total			511	501	3.02	1.350	.060
Additional question #3							
Sex of student	Male		181	179	2.71	1.229	.092
	Female		327	321	2.69	1.146	.064
	Missing		3	1	2.00	.	.
Group Total			511	501	2.70	1.175	.052
Additional question #4							
Sex of student	Male		181	179	2.03	.860	.064
	Female		327	320	2.09	.727	.041
	Missing		3	1	3.00	.	.
Group Total			511	500	2.07	.777	.035
Additional question #5							
Sex of student	Male		181	137	2.61	1.363	.116
	Female		327	231	3.37	1.309	.086
	Missing		3	1	4.00	.	.
Group Total			511	369	3.09	1.377	.072
Additional question #6							
Sex of student	Male		181	125	2.42	1.246	.111
	Female		327	214	2.32	.965	.066
	Missing		3	1	2.00	.	.
Group Total			511	340	2.36	1.075	.058
Additional question #7							
Sex of student	Male		181	178	2.47	1.026	.077
	Female		327	319	2.26	.847	.047
	Missing		3	1	3.00	.	.
Group Total			511	498	2.34	.919	.041
Additional							



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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #8	Sex of student	Male	181	179	3.03	1.131	.085
		Female	327	320	3.08	1.126	.063
		Missing	3	1	4.00	.	.
	Group Total	511	500	3.07	1.127	.050	
Additional question #9	Sex of student	Male	181	179	3.02	1.292	.097
		Female	327	319	2.87	1.283	.072
		Missing	3	1	1.00	.	.
	Group Total	511	499	2.92	1.288	.058	
Additional question #10	Sex of student	Male	181	179	2.25	.865	.065
		Female	327	319	2.34	.871	.049
		Missing	3	1	2.00	.	.
	Group Total	511	499	2.30	.869	.039	
Additional question #11	Sex of student	Male	181	179	2.09	.812	.061
		Female	327	318	1.94	.730	.041
		Missing	3	1	2.00	.	.
	Group Total	511	498	1.99	.763	.034	
Additional question #12	Sex of student	Male	181	176	3.07	1.090	.082
		Female	327	313	2.84	1.137	.064
		Missing	3	1	3.00	.	.
	Group Total	511	490	2.93	1.124	.051	
Additional question #13	Sex of student	Male	181	177	3.19	1.142	.086
		Female	327	311	2.99	1.154	.065
		Missing	3	1	4.00	.	.
	Group Total	511	489	3.07	1.152	.052	
Additional question #14	Sex of student	Male	181	177	2.58	.957	.072
		Female	327	311	2.63	1.072	.061
		Missing	3	1	2.00	.	.
	Group Total	511	489	2.61	1.030	.047	
Additional question #15	Sex of student	Male	181	176	2.34	.924	.070
		Female	327	311	2.47	1.015	.058
		Missing	3	1	3.00	.	.

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional	Group Total		511	488	2.42	.983	.045
Additional question #16	Sex of student	Male	181	177	2.88	.973	.073
		Female	327	310	2.48	.978	.056
		Missing	3	1	2.00	.	.
	Group Total		511	488	2.63	.993	.045
Additional question #17	Sex of student	Male	181	177	2.55	.916	.069
		Female	327	311	2.35	.881	.050
		Missing	3	1	2.00	.	.
	Group Total		511	489	2.42	.898	.041
Additional question #18	Sex of student	Male	181	177	3.27	1.334	.100
		Female	327	311	3.12	1.238	.070
		Missing	3	1	1.00	.	.
	Group Total		511	489	3.17	1.277	.058
Additional question #19	Sex of student	Male	181	177	2.96	.996	.075
		Female	327	310	2.56	1.012	.057
		Missing	3	1	3.00	.	.
	Group Total		511	488	2.70	1.023	.046
Additional question #20	Sex of student	Male	181	176	2.15	.895	.067
		Female	327	309	2.05	.817	.046
		Missing	3	1	2.00	.	.
	Group Total		511	486	2.08	.845	.038

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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Surveys submitted	Yes	220	100	315	100	7	100	542	100
Age of student	19 or younger	12	5	37	12	0	0	49	9
	20-23	205	93	274	87	3	100	482	90
	24-29	3	1	2	1	0	0	5	1
	30-39	0	0	2	1	0	0	2	0
Total		220	100	315	100	3	100	538	100
Marital status	not married	217	99	310	98	3	100	530	99
	married	2	1	4	1	0	0	6	1
	divorced	0	0	1	0	0	0	1	0
Total		219	100	315	100	3	100	537	100
College classification	sophomore	4	2	12	4	0	0	16	3
	junior	178	81	271	86	2	67	451	84
	senior	38	17	32	10	1	33	71	13
Total		220	100	315	100	3	100	538	100
Enter college here or transfer	started here	198	90	292	93	3	100	493	92
	transferred	22	10	22	7	0	0	44	8
Total		220	100	314	100	3	100	537	100
Where live now during school	dorm, other housing	63	29	130	42	1	33	194	36
	residence in walking	107	49	143	46	2	67	252	47
	residence in driving	33	15	39	13	0	0	72	13
	fraternity, sorority	17	8	0	0	0	0	17	3
Total		220	100	312	100	3	100	535	100
Live with: no one	no	193	88	294	93	2	67	489	91
	yes	27	12	21	7	1	33	49	9
Total		220	100	315	100	3	100	538	100
Live with: other students	no	39	18	35	11	1	33	75	14
	yes	181	82	280	89	2	67	463	86
Total		220	100	315	100	3	100	538	100
Live with: spouse or partner	no	217	99	307	97	3	100	527	98
	yes	3	1	8	3	0	0	11	2
Total		220	100	315	100	3	100	538	100
Live with: my child	no	219	100	311	99	3	100	533	99
	yes	1	0	4	1	0	0	5	1
Total		220	100	315	100	3	100	538	100
Live with: my parents	no	216	98	313	99	3	100	532	99
	yes	4	2	2	1	0	0	6	1
Total		220	100	315	100	3	100	538	100
Live with: other relatives	no	219	100	314	100	3	100	536	100
	yes	1	0	1	0	0	0	2	0
Total		220	100	315	100	3	100	538	100
Live with: friends not students here	no	218	99	310	98	3	100	531	99
	yes	2	1	5	2	0	0	7	1
Total		220	100	315	100	3	100	538	100
Live with: others	no	218	99	314	100	3	100	535	99
	yes	2	1	1	0	0	0	3	1
Total		220	100	315	100	3	100	538	100
Access to a computer	yes	218	99	312	99	3	100	533	99
	no	2	1	3	1	0	0	5	1

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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		220	100	315	100	3	100	538	100
Grades at this college	C, C-, or lower	4	2	2	1	0	0	6	1
	B-, C+	40	18	27	9	1	33	68	13
	B	54	25	83	26	0	0	137	25
	A-, B+	77	35	127	40	1	33	205	38
	A	45	20	76	24	1	33	122	23
Total		220	100	315	100	3	100	538	100
Parents graduate from college	no	52	24	82	26	0	0	134	25
	yes, both parents	101	46	146	46	2	50	249	46
	yes, father only	36	16	47	15	0	0	83	15
	yes, mother only	28	13	40	13	2	50	70	13
	do not know	3	1	0	0	0	0	3	1
Total		220	100	315	100	4	100	539	100
Enroll for a more advanced degree	yes	155	71	229	73	4	100	388	72
	no	63	29	85	27	0	0	148	28
Total		218	100	314	100	4	100	536	100
Number of term credit hours	6 or fewer	0	0	1	0	0	0	1	0
	7-11	2	1	2	1	0	0	4	1
	12-14	69	32	81	26	2	50	152	28
	15-16	111	51	186	59	2	50	299	56
	17 or more	37	17	43	14	0	0	80	15
Total		219	100	313	100	4	100	536	100
Hours on out of class academic work	5 or less hrs weekly	25	11	13	4	0	0	38	7
	6-10 hrs weekly	64	29	61	19	1	25	126	23
	11-15 hrs weekly	45	20	65	21	1	25	111	21
	16-20 hrs weekly	34	15	75	24	1	25	110	20
	21-25 hrs weekly	20	9	59	19	0	0	79	15
	26-30 hrs weekly	16	7	22	7	1	25	39	7
	more than 30 hrs	16	7	20	6	0	0	36	7
Total		220	100	315	100	4	100	539	100
Hours working on campus for pay	none; no job	109	50	145	46	2	50	256	48
	1-10 hrs weekly	75	34	129	41	1	25	205	38
	11-20 hrs weekly	33	15	32	10	1	25	66	12
	21-30 hrs weekly	1	0	6	2	0	0	7	1
	31-40 hrs weekly	1	0	1	0	0	0	2	0
	more than 40 hrs	1	0	1	0	0	0	2	0
Total		220	100	314	100	4	100	538	100
Hours working off campus for pay	none; no job	196	89	247	79	3	75	446	83
	1-10 hrs weekly	6	3	22	7	0	0	28	5
	11-20 hrs weekly	12	5	28	9	1	25	41	8
	21-30 hrs weekly	4	2	11	4	0	0	15	3
	31-40 hrs weekly	1	0	5	2	0	0	6	1
	more than 40 hrs	1	0	0	0	0	0	1	0
Total		220	100	313	100	4	100	537	100
How job affects school work	no job	92	42	100	32	1	25	193	36
	does not interfere	72	33	85	27	2	50	159	30
	takes some time	51	23	115	37	1	25	167	31
	takes lots of time	4	2	11	4	0	0	15	3
Total		219	100	311	100	4	100	534	100

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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Meet expenses: self	none	27	15	48	17	0	0	75	16
	very little	73	41	134	48	2	50	209	45
	less than half	50	28	69	24	2	50	121	26
	about half	13	7	12	4	0	0	25	5
	more than half	8	4	9	3	0	0	17	4
	all or nearly all	9	5	10	4	0	0	19	4
Total		180	100	282	100	4	100	466	100
Meet expenses: parents	none	31	16	36	13	1	25	68	14
	very little	39	20	60	21	0	0	99	20
	less than half	37	19	48	17	1	25	86	18
	about half	29	15	42	15	1	25	72	15
	more than half	24	12	43	15	0	0	67	14
	all or nearly all	38	19	59	20	1	25	98	20
Total		198	100	288	100	4	100	490	100
Meet expenses: spouse or partner	none	133	98	227	99	3	100	363	98
	very little	2	1	0	0	0	0	2	1
	less than half	0	0	2	1	0	0	2	1
	more than half	1	1	1	0	0	0	2	1
Total		136	100	230	100	3	100	369	100
Meet expenses: employer	none	124	92	213	96	3	100	340	94
	very little	7	5	6	3	0	0	13	4
	less than half	0	0	2	1	0	0	2	1
	about half	2	1	2	1	0	0	4	1
	more than half	2	1	0	0	0	0	2	1
Total		135	100	223	100	3	100	361	100
Meet expenses: scholarships and grants	none	29	16	36	13	1	33	66	14
	very little	17	9	37	13	0	0	54	12
	less than half	41	22	64	23	0	0	105	23
	about half	28	15	44	16	0	0	72	15
	more than half	31	17	41	15	1	33	73	16
	all or nearly all	39	21	55	20	1	33	95	20
Total		185	100	277	100	3	100	465	100
Meet expenses: loans	none	73	46	119	46	3	75	195	46
	very little	13	8	15	6	0	0	28	7
	less than half	27	17	55	21	0	0	82	19
	about half	30	19	35	13	0	0	65	15
	more than half	9	6	15	6	1	25	25	6
	all or nearly all	8	5	21	8	0	0	29	7
Total		160	100	260	100	4	100	424	100
Meet expenses: other sources	none	124	90	200	91	3	100	327	91
	very little	10	7	14	6	0	0	24	7
	less than half	3	2	2	1	0	0	5	1
	about half	1	1	2	1	0	0	3	1
	more than half	0	0	2	1	0	0	2	1
Total		138	100	220	100	3	100	361	100
Race: American Indian or other native	no	211	100	308	99	4	100	523	100
	yes	0	0	2	1	0	0	2	0
Total		211	100	310	100	4	100	525	100

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## Background Characteristics

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Race: Asian or Pacific Islander	no	200	95	299	96	4	100	503	96
	yes	11	5	11	4	0	0	22	4
	Total	211	100	310	100	4	100	525	100
Race: Black or African American	no	199	94	296	95	4	100	499	95
	yes	12	6	14	5	0	0	26	5
	Total	211	100	310	100	4	100	525	100
Race: Caucasian	no	30	14	34	11	0	0	64	12
	yes	181	86	276	89	4	100	461	88
	Total	211	100	310	100	4	100	525	100
Race: Mexican American	no	209	99	307	99	4	100	520	99
	yes	2	1	3	1	0	0	5	1
	Total	211	100	310	100	4	100	525	100
Race: Puerto Rican	no	211	100	310	100	4	100	525	100
	Total	211	100	310	100	4	100	525	100
Race: Other Hispanic	no	210	100	309	100	4	100	523	100
	yes	1	0	1	0	0	0	2	0
	Total	211	100	310	100	4	100	525	100
Race: Other	no	203	96	300	97	4	100	507	97
	yes	8	4	10	3	0	0	18	3
	Total	211	100	310	100	4	100	525	100
No. of racial/ethnic groups of student	belongs to 1 group	207	98	304	98	4	100	515	98
	belongs to 2 groups	4	2	5	2	0	0	9	2
	belongs to 3 groups	0	0	1	0	0	0	1	0
	Total	211	100	310	100	4	100	525	100
Racial or ethnic identification	American Indian	0	0	1	0	0	0	1	0
	Asian, Pacific Islander	10	5	9	3	0	0	19	4
	Black, African American	10	5	11	4	0	0	21	4
	White, Caucasian	177	84	270	87	4	100	451	86
	Mexican-American	2	1	3	1	0	0	5	1
	Other Hispanic	1	0	1	0	0	0	2	0
	Other	7	3	9	3	0	0	16	3
	Multiracial	4	2	6	2	0	0	10	2
	Total	211	100	310	100	4	100	525	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Major: Agriculture	no	211	99	307	99	4	100	522	99
	yes	2	1	3	1	0	0	5	1
Total		213	100	310	100	4	100	527	100
Major: Biological or life sciences	no	201	94	303	98	4	100	508	96
	yes	12	6	7	2	0	0	19	4
Total		213	100	310	100	4	100	527	100
Major: Business	no	177	83	288	93	4	100	469	89
	yes	36	17	22	7	0	0	58	11
Total		213	100	310	100	4	100	527	100
Major: Communications	no	208	98	291	94	4	100	503	95
	yes	5	2	19	6	0	0	24	5
Total		213	100	310	100	4	100	527	100
Major: Computer and information sciences	no	205	96	310	100	4	100	519	98
	yes	8	4	0	0	0	0	8	2
Total		213	100	310	100	4	100	527	100
Major: Education	no	208	98	296	95	3	75	507	96
	yes	5	2	14	5	1	25	20	4
Total		213	100	310	100	4	100	527	100
Major: Engineering	no	212	100	310	100	4	100	526	100
	yes	1	0	0	0	0	0	1	0
Total		213	100	310	100	4	100	527	100
Major: Ethnic, cultural, area studies	no	213	100	309	100	4	100	526	100
	yes	0	0	1	0	0	0	1	0
Total		213	100	310	100	4	100	527	100
Major: Foreign languages and literature	no	208	98	303	98	4	100	515	98
	yes	5	2	7	2	0	0	12	2
Total		213	100	310	100	4	100	527	100
Major: Health-related fields	no	203	95	287	93	3	75	493	94
	yes	10	5	23	7	1	25	34	6
Total		213	100	310	100	4	100	527	100
Major: History	no	203	95	307	99	3	75	513	97
	yes	10	5	3	1	1	25	14	3
Total		213	100	310	100	4	100	527	100
Major: Humanities	no	202	95	288	93	4	100	494	94
	yes	11	5	22	7	0	0	33	6
Total		213	100	310	100	4	100	527	100
Major: Liberal or general	no	213	100	310	100	4	100	527	100
Total		213	100	310	100	4	100	527	100
Major: Mathematics	no	207	97	309	100	4	100	520	99
	yes	6	3	1	0	0	0	7	1
Total		213	100	310	100	4	100	527	100
Major: Multi/interdisciplinary studies	no	212	100	310	100	4	100	526	100
	yes	1	0	0	0	0	0	1	0
Total		213	100	310	100	4	100	527	100

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**Major**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Major: Recreation or sports management	no	210	99	309	100	4	100	523	99
	yes	3	1	1	0	0	0	4	1
Total		213	100	310	100	4	100	527	100
Major: Physical sciences	no	206	97	309	100	4	100	519	98
	yes	7	3	1	0	0	0	8	2
Total		213	100	310	100	4	100	527	100
Major: Pre-professional	no	211	99	302	97	4	100	517	98
	yes	2	1	8	3	0	0	10	2
Total		213	100	310	100	4	100	527	100
Major: Public administration	no	211	99	309	100	4	100	524	99
	yes	2	1	1	0	0	0	3	1
Total		213	100	310	100	4	100	527	100
Major: Social sciences	no	189	89	275	89	3	75	467	89
	yes	24	11	35	11	1	25	60	11
Total		213	100	310	100	4	100	527	100
Major: Visual and performing arts	no	207	97	293	95	4	100	504	96
	yes	6	3	17	5	0	0	23	4
Total		213	100	310	100	4	100	527	100
Major: Undecided	no	213	100	309	100	4	100	526	100
	yes	0	0	1	0	0	0	1	0
Total		213	100	310	100	4	100	527	100
Major: Other	no	92	43	101	33	2	50	195	37
	yes	121	57	209	67	2	50	332	63
Total		213	100	310	100	4	100	527	100



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**Library Experiences**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Used the library to study	never	31	14	55	17	0	0	86	16
	occasionally	99	45	164	52	1	25	264	49
	often	47	22	46	15	2	50	95	18
	very often	41	19	50	16	1	25	92	17
Total		218	100	315	100	4	100	537	100
Found something interesting browsing	never	63	29	88	28	1	25	152	28
	occasionally	110	50	177	56	3	75	290	54
	often	28	13	33	10	0	0	61	11
	very often	19	9	17	5	0	0	36	7
Total		220	100	315	100	4	100	539	100
Asked a librarian/staff member for help	never	69	31	91	29	3	75	163	30
	occasionally	118	54	183	58	0	0	301	56
	often	26	12	30	10	1	25	57	11
	very often	7	3	10	3	0	0	17	3
Total		220	100	314	100	4	100	538	100
Read assigned material not texts	never	45	20	49	16	0	0	94	17
	occasionally	111	50	176	56	3	75	290	54
	often	42	19	66	21	1	25	109	20
	very often	22	10	24	8	0	0	46	9
Total		220	100	315	100	4	100	539	100
Used index or database to find material	never	9	4	10	3	0	0	19	4
	occasionally	72	33	80	25	2	50	154	29
	often	88	40	124	39	0	0	212	39
	very often	50	23	101	32	2	50	153	28
Total		219	100	315	100	4	100	538	100
Wrote bibliography for a term paper	never	17	8	14	4	0	0	31	6
	occasionally	74	34	71	23	1	25	146	27
	often	77	35	118	38	1	25	196	37
	very often	51	23	110	35	2	50	163	30
Total		219	100	313	100	4	100	536	100
Gone back to read basic reference	never	88	40	127	40	1	25	216	40
	occasionally	99	45	143	46	2	50	244	45
	often	21	10	36	11	0	0	57	11
	very often	12	5	8	3	1	25	21	4
Total		220	100	314	100	4	100	538	100
Made a judgment about quality of info.	never	30	14	27	9	1	25	58	11
	occasionally	87	40	119	38	1	25	207	38
	often	59	27	115	37	1	25	175	32
	very often	44	20	54	17	1	25	99	18
Total		220	100	315	100	4	100	539	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	1	0	0	0	0	0	1	0		
	occasionally	9	4	11	3	0	0	20	4		
	often	32	15	24	8	0	0	56	10		
	very often	178	81	280	89	4	100	462	86		
Total		220	100	315	100	4	100	539	100		
Used e-mail to communicate with class	never	3	1	0	0	0	0	3	1		
	occasionally	12	5	15	5	0	0	27	5		
	often	50	23	50	16	0	0	100	19		
	very often	155	70	250	79	4	100	409	76		
Total		220	100	315	100	4	100	539	100		
Used computer tutorial to learn material	never	57	26	80	25	0	0	137	25		
	occasionally	110	50	137	43	2	50	249	46		
	often	32	15	60	19	0	0	92	17		
	very often	21	10	38	12	2	50	61	11		
Total		220	100	315	100	4	100	539	100		
Joined in electronic class discussions	never	93	42	124	39	1	25	218	41		
	occasionally	71	32	98	31	3	75	172	32		
	often	38	17	53	17	0	0	91	17		
	very often	18	8	39	12	0	0	57	11		
Total		220	100	314	100	4	100	538	100		
Searched Internet for course material	never	2	1	4	1	0	0	6	1		
	occasionally	36	16	27	9	0	0	63	12		
	often	51	23	73	23	2	50	126	23		
	very often	130	59	210	67	2	50	342	64		
Total		219	100	314	100	4	100	537	100		
Retrieved off-campus library materials	never	65	30	76	24	1	25	142	26		
	occasionally	89	40	138	44	1	25	228	42		
	often	37	17	51	16	0	0	88	16		
	very often	29	13	49	16	2	50	80	15		
Total		220	100	314	100	4	100	538	100		
Made visual displays with computer	never	18	8	20	6	0	0	38	7		
	occasionally	71	32	101	32	2	50	174	32		
	often	63	29	100	32	1	25	164	30		
	very often	68	31	93	30	1	25	162	30		
Total		220	100	314	100	4	100	538	100		
Used a computer to analyze data	never	19	9	61	19	0	0	80	15		
	occasionally	89	40	126	40	2	50	217	40		
	often	58	26	72	23	2	50	132	24		
	very often	54	25	56	18	0	0	110	20		
Total		220	100	315	100	4	100	539	100		
Developed Web page, multimedia present.	never	54	25	83	26	3	75	140	26		
	occasionally	99	45	152	48	1	25	252	47		
	often	34	15	35	11	0	0	69	13		
	very often	33	15	45	14	0	0	78	14		
Total		220	100	315	100	4	100	539	100		

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**Course Learning**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Completed assigned readings	never	3	1	2	1	0	0	5	1
	occasionally	48	22	25	8	0	0	73	14
	often	84	38	122	39	1	25	207	39
	very often	84	38	165	53	3	75	252	47
Total		219	100	314	100	4	100	537	100
Took detailed class notes	never	5	2	1	0	0	0	6	1
	occasionally	28	13	14	4	0	0	42	8
	often	85	39	80	26	0	0	165	31
	very often	101	46	218	70	4	100	323	60
Total		219	100	313	100	4	100	536	100
Contributed to class discussions	never	6	3	4	1	0	0	10	2
	occasionally	65	30	76	25	0	0	141	27
	often	88	40	126	41	1	25	215	40
	very often	59	27	104	34	3	75	166	31
Total		218	100	310	100	4	100	532	100
Developed role play/case study for class	never	80	37	99	32	2	50	181	34
	occasionally	100	46	143	46	1	25	244	45
	often	28	13	50	16	1	25	79	15
	very often	11	5	22	7	0	0	33	6
Total		219	100	314	100	4	100	537	100
Put together different facts and ideas	never	4	2	7	2	0	0	11	2
	occasionally	57	26	71	23	0	0	128	24
	often	92	42	120	38	3	75	215	40
	very often	66	30	115	37	1	25	182	34
Total		219	100	313	100	4	100	536	100
Summarized major points and information	never	9	4	9	3	0	0	18	3
	occasionally	67	31	66	21	1	25	134	25
	often	73	33	126	40	2	50	201	38
	very often	69	32	113	36	1	25	183	34
Worked with others on class project	never	2	1	4	1	0	0	6	1
	occasionally	48	22	60	19	0	0	108	20
	often	106	48	110	35	2	50	218	41
	very often	63	29	138	44	2	50	203	38
Total		219	100	312	100	4	100	535	100
Applied class material to other areas	never	6	3	1	0	0	0	7	1
	occasionally	78	36	81	26	2	50	161	30
	often	79	36	126	40	1	25	206	38
	very often	56	26	106	34	1	25	163	30
Total		219	100	314	100	4	100	537	100

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**Course Learning**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Used info. from other areas in class	never	8	4	3	1	0	0	11	2
	occasionally	75	34	89	28	2	50	166	31
	often	92	42	135	43	1	25	228	42
	very often	44	20	87	28	1	25	132	25
Total		219	100	314	100	4	100	537	100
Explained course material to others	never	4	2	2	1	0	0	6	1
	occasionally	66	30	70	22	1	25	137	26
	often	104	47	133	42	1	25	238	44
	very often	45	21	108	35	2	50	155	29
Total		219	100	313	100	4	100	536	100
Worked on project integrating ideas	never	6	3	1	0	0	0	7	1
	occasionally	46	21	51	16	1	25	98	18
	often	97	44	119	38	1	25	217	40
	very often	70	32	143	46	2	50	215	40
Total		219	100	314	100	4	100	537	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	5	9	3	0	0	20	4
	occasionally	73	33	92	29	1	25	166	31
	often	76	35	110	35	0	0	186	35
	very often	59	27	103	33	3	75	165	31
Total		219	100	314	100	4	100	537	100
Thought about grammar, etc while writing	never	5	2	1	0	0	0	6	1
	occasionally	35	16	34	11	1	25	70	13
	often	89	41	95	30	1	25	185	34
	very often	90	41	184	59	2	50	276	51
Total		219	100	314	100	4	100	537	100
Asked others to read your writing	never	18	8	10	3	0	0	28	5
	occasionally	87	40	94	30	2	50	183	34
	often	75	34	107	34	1	25	183	34
	very often	39	18	103	33	1	25	143	27
Total		219	100	314	100	4	100	537	100
Referred to a style manual	never	31	14	22	7	0	0	53	10
	occasionally	99	45	118	38	2	50	219	41
	often	61	28	102	32	2	50	165	31
	very often	28	13	72	23	0	0	100	19
Total		219	100	314	100	4	100	537	100
Revised a paper two or more times	never	33	15	27	9	0	0	60	11
	occasionally	84	39	101	32	2	50	187	35
	often	63	29	105	33	1	25	169	32
	very often	37	17	81	26	1	25	119	22
Total		217	100	314	100	4	100	535	100
Asked for writing advice	never	58	26	76	24	1	25	135	25
	occasionally	102	47	141	45	2	50	245	46
	often	39	18	63	20	1	25	103	19
	very often	20	9	33	11	0	0	53	10
Total		219	100	313	100	4	100	536	100
Prepared major report for class	never	118	54	175	56	1	25	294	55
	occasionally	68	31	93	30	2	50	163	30
	often	20	9	27	9	1	25	48	9
	very often	13	6	18	6	0	0	31	6
Total		219	100	313	100	4	100	536	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	6	2	0	0	10	2
	occasionally	80	37	105	33	2	50	187	35
	often	82	37	125	40	0	0	207	39
	very often	53	24	78	25	2	50	133	25
Total		219	100	314	100	4	100	537	100
Discussed academic program with faculty	never	20	9	15	5	0	0	35	7
	occasionally	110	50	153	49	2	50	265	49
	often	62	28	92	29	1	25	155	29
	very often	27	12	54	17	1	25	82	15
Total		219	100	314	100	4	100	537	100
Discussed term paper with faculty	never	22	10	30	10	1	25	53	10
	occasionally	117	53	155	50	1	25	273	51
	often	60	27	89	28	1	25	150	28
	very often	20	9	39	12	1	25	60	11
Total		219	100	313	100	4	100	536	100
Discussed career plans with faculty	never	38	17	53	17	0	0	91	17
	occasionally	123	56	160	51	1	25	284	53
	often	36	17	64	20	2	50	102	19
	very often	21	10	37	12	1	25	59	11
Total		218	100	314	100	4	100	536	100
Worked harder due to instructor feedback	never	20	9	13	4	0	0	33	6
	occasionally	80	37	106	34	2	50	188	35
	often	83	38	140	45	2	50	225	42
	very often	36	16	54	17	0	0	90	17
Total		219	100	313	100	4	100	536	100
Socialized with faculty outside of class	never	85	39	149	48	2	50	236	44
	occasionally	82	37	116	37	2	50	200	37
	often	30	14	33	11	0	0	63	12
	very often	22	10	15	5	0	0	37	7
Total		219	100	313	100	4	100	536	100
Discussed with others outside of class	never	84	38	129	41	2	50	215	40
	occasionally	85	39	129	41	1	25	215	40
	often	36	16	36	11	1	25	73	14
	very often	14	6	20	6	0	0	34	6
Total		219	100	314	100	4	100	537	100
Asked instructor about performance	never	59	27	92	30	1	25	152	29
	occasionally	90	41	134	43	2	50	226	42
	often	57	26	55	18	1	25	113	21
	very often	12	6	30	10	0	0	42	8
Total		218	100	311	100	4	100	533	100
Worked to meet faculty expectations	never	43	20	29	9	0	0	72	13
	occasionally	85	39	121	39	2	50	208	39
	often	63	29	117	37	2	50	182	34
	very often	28	13	47	15	0	0	75	14

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**Experiences with Faculty**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		219	100	314	100	4	100	537	100
Worked with faculty member on research	never	140	64	205	65	3	75	348	65
	occasionally	40	18	62	20	1	25	103	19
	often	18	8	27	9	0	0	45	8
	very often	21	10	20	6	0	0	41	8
Total		219	100	314	100	4	100	537	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	66	30	33	11	0	0	99	18
	occasionally	86	39	135	43	2	50	223	42
	often	42	19	66	21	1	25	109	20
	very often	25	11	80	25	1	25	106	20
Total		219	100	314	100	4	100	537	100
Went to exhibit or performance	never	56	26	26	8	0	0	82	15
	occasionally	112	51	144	46	3	75	259	48
	often	34	16	76	24	1	25	111	21
	very often	17	8	68	22	0	0	85	16
Total		219	100	314	100	4	100	537	100
Participated in art or theater activity	never	141	64	147	47	3	75	291	54
	occasionally	49	22	93	30	1	25	143	27
	often	10	5	31	10	0	0	41	8
	very often	19	9	43	14	0	0	62	12
Total		219	100	314	100	4	100	537	100
Talked about music or musicians	never	23	11	20	6	0	0	43	8
	occasionally	69	32	96	31	3	75	168	31
	often	58	26	98	31	0	0	156	29
	very often	69	32	99	32	1	25	169	32
Total		219	100	313	100	4	100	536	100
Attended a concert or other music event	never	28	13	31	10	0	0	59	11
	occasionally	101	46	147	47	4	100	252	47
	often	55	25	82	26	0	0	137	26
	very often	34	16	53	17	0	0	87	16
Total		218	100	313	100	4	100	535	100
Participated in music activity	never	143	65	179	57	3	75	325	61
	occasionally	42	19	77	25	1	25	120	22
	often	15	7	23	7	0	0	38	7
	very often	19	9	35	11	0	0	54	10
Total		219	100	314	100	4	100	537	100
Read or discussed opinions of critics	never	95	43	113	36	3	75	211	39
	occasionally	74	34	119	38	1	25	194	36
	often	30	14	39	12	0	0	69	13
	very often	20	9	42	13	0	0	62	12
Total		219	100	313	100	4	100	536	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	41	19	45	14	0	0	86	16
	occasionally	94	43	143	46	2	50	239	45
	often	53	24	77	25	1	25	131	24
	very often	31	14	48	15	1	25	80	15
Total		219	100	313	100	4	100	536	100
Met other students for discussion	never	20	9	13	4	0	0	33	6
	occasionally	79	36	104	33	2	50	185	35
	often	76	35	108	35	0	0	184	34
	very often	44	20	88	28	2	50	134	25
Total		219	100	313	100	4	100	536	100
Attended cultural/social event	never	34	16	35	11	0	0	69	13
	occasionally	117	54	156	50	3	75	276	52
	often	51	23	85	27	1	25	137	26
	very often	16	7	37	12	0	0	53	10
Total		218	100	313	100	4	100	535	100
Went to lecture or panel discussion	never	59	27	81	26	0	0	140	26
	occasionally	119	54	165	53	4	100	288	54
	often	29	13	47	15	0	0	76	14
	very often	12	5	19	6	0	0	31	6
Total		219	100	312	100	4	100	535	100
Used a campus learning lab or center	never	86	39	136	43	1	25	223	42
	occasionally	97	44	115	37	2	50	214	40
	often	28	13	41	13	1	25	70	13
	very often	7	3	21	7	0	0	28	5
Total		218	100	313	100	4	100	535	100
Used campus recreational facilities	never	20	9	31	10	0	0	51	10
	occasionally	64	29	79	25	0	0	143	27
	often	52	24	85	27	1	25	138	26
	very often	83	38	118	38	3	75	204	38
Total		219	100	313	100	4	100	536	100
Played a team sport	never	74	34	162	52	2	50	238	44
	occasionally	52	24	60	19	0	0	112	21
	often	32	15	36	12	0	0	68	13
	very often	61	28	55	18	2	50	118	22
Followed regular exercise schedule	never	46	21	91	29	1	25	138	26
	occasionally	47	21	69	22	1	25	117	22
	often	45	21	55	18	1	25	101	19
	very often	81	37	98	31	1	25	180	34
Total		219	100	313	100	4	100	536	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	35	16	26	8	0	0	61	11		
	occasionally	43	20	35	11	1	25	79	15		
	often	38	17	47	15	1	25	86	16		
	very often	103	47	205	65	2	50	310	58		
Total		219	100	313	100	4	100	536	100		
Worked on campus committee/organization	never	90	41	77	25	1	25	168	31		
	occasionally	39	18	68	22	0	0	107	20		
	often	41	19	43	14	0	0	84	16		
	very often	49	22	124	40	3	75	176	33		
Total		219	100	312	100	4	100	535	100		
Worked on off-campus committee/org.	never	123	56	159	51	4	100	286	54		
	occasionally	48	22	86	28	0	0	134	25		
	often	22	10	29	9	0	0	51	10		
	very often	25	11	38	12	0	0	63	12		
Total		218	100	312	100	4	100	534	100		
Met with faculty to discuss campus group	never	102	47	149	48	2	50	253	47		
	occasionally	63	29	85	27	2	50	150	28		
	often	26	12	44	14	0	0	70	13		
	very often	28	13	33	11	0	0	61	11		
Total		219	100	311	100	4	100	534	100		
Managed an organization on or off campus	never	79	36	95	30	0	0	174	33		
	occasionally	50	23	54	17	1	25	105	20		
	often	38	17	51	16	1	25	90	17		
	very often	52	24	112	36	2	50	166	31		
Total		219	100	312	100	4	100	535	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	7	7	2	0	0	22	4
	occasionally	80	37	51	16	1	25	132	25
	often	72	33	102	33	1	25	175	33
	very often	52	24	152	49	2	50	206	39
Total		219	100	312	100	4	100	535	100
Discussed why some people get along	never	22	10	9	3	0	0	31	6
	occasionally	90	41	80	26	0	0	170	32
	often	62	28	95	30	2	50	159	30
	very often	45	21	128	41	2	50	175	33
Total		219	100	312	100	4	100	535	100
Asked for help with a personal problem	never	37	17	10	3	0	0	47	9
	occasionally	89	41	70	22	2	50	161	30
	often	60	28	96	31	0	0	156	29
	very often	32	15	136	44	2	50	170	32
Total		218	100	312	100	4	100	534	100
Read about personal growth/self-improve	never	94	43	82	26	0	0	176	33
	occasionally	76	35	141	45	3	75	220	41
	often	32	15	55	18	1	25	88	16
	very often	17	8	34	11	0	0	51	10
Total		219	100	312	100	4	100	535	100
Identified with book/movie/TV character	never	20	9	16	5	0	0	36	7
	occasionally	77	35	84	27	2	50	163	30
	often	74	34	90	29	1	25	165	31
	very often	48	22	122	39	1	25	171	32
Total		219	100	312	100	4	100	535	100
Took test to measure abilities/interests	never	38	17	65	21	2	50	105	20
	occasionally	121	55	152	49	2	50	275	51
	often	40	18	65	21	0	0	105	20
	very often	20	9	30	10	0	0	50	9
Total		219	100	312	100	4	100	535	100
Asked friend his/her opinion of you	never	68	31	62	20	1	25	131	24
	occasionally	80	37	124	40	3	75	207	39
	often	48	22	71	23	0	0	119	22
	very often	23	11	55	18	0	0	78	15
Total		219	100	312	100	4	100	535	100
Talked with F/S about personal concern	never	120	55	176	56	1	25	297	56
	occasionally	66	30	90	29	2	50	158	30
	often	21	10	30	10	0	0	51	10
	very often	11	5	16	5	1	25	28	5
Total		218	100	312	100	4	100	534	100

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**Student Acquaintances**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Acquainted: students of diff. interests	never	5	2	3	1	0	0	8	2
	occasionally	72	33	81	26	0	0	153	29
	often	92	42	138	44	4	100	234	44
	very often	49	22	89	29	0	0	138	26
Total		218	100	311	100	4	100	533	100
Acquainted: students of diff. background	never	3	1	3	1	0	0	6	1
	occasionally	63	29	73	23	0	0	136	26
	often	96	44	123	40	3	75	222	42
	very often	56	26	112	36	1	25	169	32
Total		218	100	311	100	4	100	533	100
Acquainted: students of diff. age	never	3	1	6	2	0	0	9	2
	occasionally	57	26	73	24	0	0	130	25
	often	94	43	118	38	3	75	215	41
	very often	63	29	112	36	1	25	176	33
Total		217	100	309	100	4	100	530	100
Acquainted: students of diff. race	never	4	2	4	1	0	0	8	2
	occasionally	86	39	125	40	0	0	211	40
	often	77	35	101	33	4	100	182	34
	very often	51	23	80	26	0	0	131	25
Total		218	100	310	100	4	100	532	100
Acquainted: students from other country	never	9	4	21	7	0	0	30	6
	occasionally	116	54	164	53	4	100	284	53
	often	56	26	66	21	0	0	122	23
	very often	35	16	60	19	0	0	95	18
Total		216	100	311	100	4	100	531	100
Discussions: students of diff. values	never	14	6	27	9	0	0	41	8
	occasionally	86	39	124	40	3	75	213	40
	often	65	30	83	27	1	25	149	28
	very often	53	24	78	25	0	0	131	25
Total		218	100	312	100	4	100	534	100
Discussions: students of diff. political	never	18	8	28	9	0	0	46	9
	occasionally	74	34	122	39	3	75	199	37
	often	68	31	83	27	0	0	151	28
	very often	58	27	78	25	1	25	137	26
Discussions: students of diff. religious	never	14	6	26	8	0	0	40	7
	occasionally	81	37	126	40	2	50	209	39
	often	71	33	85	27	1	25	157	29
	very often	52	24	75	24	1	25	128	24
Total		218	100	312	100	4	100	534	100
Discussions: students of diff. race	never	30	14	47	15	2	50	79	15
	occasionally	96	44	144	46	1	25	241	45
	often	58	27	69	22	1	25	128	24
	very often	34	16	51	16	0	0	85	16

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**Student Acquaintances**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Total		218	100	311	100	4	100	533	100
Discussions: students of diff. country	never	40	18	94	30	1	25	135	25
	occasionally	104	48	127	41	3	75	234	44
	often	36	17	47	15	0	0	83	16
	very often	38	17	43	14	0	0	81	15
Total		218	100	311	100	4	100	533	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	9	4	13	4	0	0	22	4
	occasionally	58	27	64	21	0	0	122	23
	often	52	24	88	28	2	50	142	27
	very often	99	45	147	47	2	50	248	46
Total		218	100	312	100	4	100	534	100
Expressed relationships using math terms	never	23	11	44	14	0	0	67	13
	occasionally	60	28	113	36	2	50	175	33
	often	52	24	83	27	1	25	136	26
	very often	82	38	72	23	1	25	155	29
Total		217	100	312	100	4	100	533	100
Explained scientific concept to others	never	24	11	59	19	1	25	84	16
	occasionally	82	38	119	38	2	50	203	38
	often	55	25	75	24	0	0	130	24
	very often	57	26	59	19	1	25	117	22
Total		218	100	312	100	4	100	534	100
Read articles about science not assigned	never	68	31	150	48	3	75	221	41
	occasionally	83	38	100	32	0	0	183	34
	often	27	12	28	9	0	0	55	10
	very often	40	18	33	11	1	25	74	14
Total		218	100	311	100	4	100	533	100
Completed an experiment w/sci. methods	never	37	17	73	23	1	25	111	21
	occasionally	80	37	114	37	1	25	195	37
	often	60	28	67	22	0	0	127	24
	very often	41	19	57	18	2	50	100	19
Total		218	100	311	100	4	100	533	100
Practiced using laboratory equipment	never	78	36	139	45	2	50	219	41
	occasionally	76	35	95	31	0	0	171	32
	often	33	15	37	12	2	50	72	14
	very often	31	14	40	13	0	0	71	13
Total		218	100	311	100	4	100	533	100
Showed how to use scientific equipment	never	83	38	149	48	3	75	235	44
	occasionally	82	38	93	30	1	25	176	33
	often	32	15	45	14	0	0	77	14
	very often	21	10	25	8	0	0	46	9
Total		218	100	312	100	4	100	534	100
Explained experimental procedure	never	61	28	116	37	2	50	179	34
	occasionally	95	44	117	38	2	50	214	40
	often	35	16	54	17	0	0	89	17
	very often	27	12	25	8	0	0	52	10
Total		218	100	312	100	4	100	534	100

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**Science and Quantitative Experiences**

		Sex of student						Total	
		Male		Female		Missing			
		N	%	N	%	N	%	N	%
Compared sci. method with other methods	never	62	28	123	39	2	50	187	35
	occasionally	97	44	130	42	1	25	228	43
	often	30	14	37	12	1	25	68	13
	very often	29	13	23	7	0	0	52	10
Explained scientific basis for concerns	never	60	28	112	36	1	25	173	32
	occasionally	93	43	125	40	2	50	220	41
	often	36	17	45	14	1	25	82	15
	very often	29	13	30	10	0	0	59	11
<b>Total</b>		<b>218</b>	<b>100</b>	<b>312</b>	<b>100</b>	<b>4</b>	<b>100</b>	<b>534</b>	<b>100</b>

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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	1	7	2	0	0	10	2
	occasionally	62	28	97	31	2	50	161	30
	often	94	43	121	39	2	50	217	40
	very often	60	27	88	28	0	0	148	28
Total		219	100	313	100	4	100	536	100
Topic: Social issues--peace, justice, etc	never	15	7	11	4	1	25	27	5
	occasionally	93	42	136	43	1	25	230	43
	often	71	32	95	30	2	50	168	31
	very often	40	18	71	23	0	0	111	21
Total		219	100	313	100	4	100	536	100
Topic: Different lifestyles, etc.	never	11	5	7	2	0	0	18	3
	occasionally	88	41	114	36	1	25	203	38
	often	78	36	119	38	3	75	200	38
	very often	39	18	73	23	0	0	112	21
Total		216	100	313	100	4	100	533	100
Topic: Ideas of writers, etc.	never	23	11	54	17	1	25	78	15
	occasionally	103	47	149	48	2	50	254	47
	often	61	28	69	22	1	25	131	24
	very often	32	15	41	13	0	0	73	14
Total		219	100	313	100	4	100	536	100
Topic: The arts--painting, poetry, etc.	never	36	16	29	9	1	25	66	12
	occasionally	90	41	118	38	2	50	210	39
	often	59	27	95	30	1	25	155	29
	very often	34	16	71	23	0	0	105	20
Total		219	100	313	100	4	100	536	100
Topic: Science--theories, etc.	never	45	21	111	35	0	0	156	29
	occasionally	103	47	130	42	1	25	234	44
	often	45	21	45	14	2	50	92	17
	very often	26	12	27	9	1	25	54	10
Topic: Computers and other technologies	never	21	10	60	19	1	25	82	15
	occasionally	103	47	160	51	1	25	264	49
	often	65	30	68	22	2	50	135	25
	very often	30	14	24	8	0	0	54	10
Total		219	100	312	100	4	100	535	100
Topic: Social/ethical issues re: science	never	24	11	45	14	0	0	69	13
	occasionally	106	48	143	46	1	25	250	47
	often	63	29	82	26	3	75	148	28
	very often	26	12	43	14	0	0	69	13
Total		219	100	313	100	4	100	536	100
Topic: The economy--employment, etc.	never	12	5	34	11	0	0	46	9
	occasionally	99	45	136	43	2	50	237	44
	often	74	34	92	29	2	50	168	31
	very often	34	16	51	16	0	0	85	16
Total		219	100	313	100	4	100	536	100



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**Topics of Conversation**

		Sex of student								Total	
		Male		Female		Missing		N	%		
		N	%	N	%	N	%				
Topic: International relations	never	18	8	41	13	1	25	60	11		
	occasionally	96	44	131	42	2	50	229	43		
	often	59	27	85	27	1	25	145	27		
	very often	46	21	56	18	0	0	102	19		
Total		219	100	313	100	4	100	536	100		

**Information in Conversations**

		Sex of student								Total	
		Male		Female		Missing		N	%		
		N	%	N	%	N	%				
Referred to readings or classes	never	5	2	2	1	0	0	7	1		
	occasionally	74	34	64	21	2	50	140	26		
	often	98	46	148	48	1	25	247	47		
	very often	38	18	96	31	1	25	135	26		
Total		215	100	310	100	4	100	529	100		
Explored different ways of thinking	never	11	5	8	3	0	0	19	4		
	occasionally	81	38	113	36	3	75	197	37		
	often	98	46	134	43	1	25	233	44		
	very often	25	12	55	18	0	0	80	15		
Total		215	100	310	100	4	100	529	100		
Referred to something instructor said	never	8	4	4	1	0	0	12	2		
	occasionally	97	45	101	33	2	50	200	38		
	often	76	36	141	45	1	25	218	41		
	very often	33	15	64	21	1	25	98	19		
Total		214	100	310	100	4	100	528	100		
Subsequently read something on a topic	never	17	8	29	9	0	0	46	9		
	occasionally	106	50	147	47	3	75	256	48		
	often	65	30	92	30	1	25	158	30		
	very often	26	12	42	14	0	0	68	13		
Total		214	100	310	100	4	100	528	100		
Changed opinion because of others	never	25	12	24	8	0	0	49	9		
	occasionally	127	59	203	65	3	75	333	63		
	often	49	23	62	20	1	25	112	21		
	very often	14	7	21	7	0	0	35	7		
Total		215	100	310	100	4	100	529	100		
Persuaded others to change their minds	never	18	8	36	12	0	0	54	10		
	occasionally	122	57	187	61	3	75	312	59		
	often	50	23	65	21	1	25	116	22		
	very often	24	11	21	7	0	0	45	9		
Total		214	100	309	100	4	100	527	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	7	3	1	0	0	0	8	2
	fewer than 5	66	30	54	17	0	0	120	23
	between 5 and 10	86	39	130	42	3	75	219	41
	between 10 and 20	41	19	100	32	1	25	142	27
	more than 20	18	8	26	8	0	0	44	8
Total		218	100	311	100	4	100	533	100
Number of course packets read	none	23	11	20	6	0	0	43	8
	fewer than 5	98	45	142	46	2	50	242	46
	between 5 and 10	44	20	82	26	2	50	128	24
	between 10 and 20	32	15	44	14	0	0	76	14
	more than 20	19	9	22	7	0	0	41	8
Total		216	100	310	100	4	100	530	100
Number of non-assigned books read	none	50	23	51	16	0	0	101	19
	fewer than 5	115	53	169	54	2	50	286	54
	between 5 and 10	32	15	42	13	0	0	74	14
	between 10 and 20	15	7	35	11	1	25	51	10
	more than 20	6	3	15	5	1	25	22	4
Total		218	100	312	100	4	100	534	100
Number of essays written	none	10	5	15	5	0	0	25	5
	fewer than 5	75	35	83	27	1	25	159	30
	between 5 and 10	64	30	111	36	2	50	177	34
	between 10 and 20	47	22	75	24	1	25	123	23
	more than 20	16	8	24	8	0	0	40	8
Total		212	100	308	100	4	100	524	100
Number of term papers written	none	6	3	5	2	0	0	11	2
	fewer than 5	69	33	75	25	2	50	146	28
	between 5 and 10	74	35	108	35	0	0	182	35
	between 10 and 20	48	23	87	28	2	50	137	26
	more than 20	15	7	31	10	0	0	46	9
Total		212	100	306	100	4	100	522	100
Overall opinion of college	low	5	2	4	1	0	0	9	2
	3	9	4	9	3	0	0	18	3
	4	25	11	15	5	0	0	40	8
	5	34	16	46	15	0	0	80	15
	6	67	31	93	30	1	25	161	30
	7	47	22	71	23	1	25	119	22
	high	31	14	73	23	2	50	106	20
Total		218	100	311	100	4	100	533	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	2	1	2	1	0	0	4	1
	3	3	1	4	1	0	0	7	1
	4	9	4	6	2	0	0	15	3
	5	26	12	26	8	0	0	52	10
	6	92	42	107	35	1	25	200	38
	strong emphasis	87	40	165	53	3	75	255	48
Total		219	100	310	100	4	100	533	100
Env. Emphasis: Aesthetics	weak emphasis	4	2	5	2	0	0	9	2
	2	13	6	14	5	0	0	27	5
	3	17	8	18	6	0	0	35	7
	4	50	23	58	19	0	0	108	20
	5	71	32	92	30	1	25	164	31
	6	36	16	84	27	3	75	123	23
	strong emphasis	28	13	39	13	0	0	67	13
Total		219	100	310	100	4	100	533	100
Env. Emphasis: Analysis	weak emphasis	0	0	1	0	0	0	1	0
	2	3	1	3	1	0	0	6	1
	3	5	2	4	1	0	0	9	2
	4	20	9	21	7	0	0	41	8
	5	58	26	76	25	2	50	136	26
	6	73	33	117	38	1	25	191	36
	strong emphasis	60	27	86	28	1	25	147	28
Total		219	100	308	100	4	100	531	100
Env. Emphasis: Diversity	weak emphasis	7	3	10	3	0	0	17	3
	2	19	9	29	9	0	0	48	9
	3	21	10	34	11	0	0	55	10
	4	63	29	62	20	0	0	125	23
	5	42	19	72	23	2	50	116	22
	6	40	18	71	23	1	25	112	21
	strong emphasis	27	12	32	10	1	25	60	11
Total		219	100	310	100	4	100	533	100
Env. Emphasis: Info. literacy skills	weak emphasis	2	1	3	1	0	0	5	1
	2	5	2	11	4	0	0	16	3
	3	12	5	24	8	0	0	36	7
	4	38	17	69	22	1	25	108	20
	5	78	36	75	24	2	50	155	29
	6	52	24	88	28	0	0	140	26
	strong emphasis	32	15	39	13	1	25	72	14
Total		219	100	309	100	4	100	532	100

# Truman State University CSEQ Institutional Report Spring 2005

## Measures of the College Environment

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Env. Emphasis:	weak emphasis	15	7	19	6	0	0	34	6
Vocational	2	17	8	35	11	0	0	52	10
	3	32	15	61	20	0	0	93	17
	4	45	21	53	17	2	50	100	19
	5	56	26	64	21	2	50	122	23
	6	35	16	54	17	0	0	89	17
	strong emphasis	19	9	24	8	0	0	43	8
Total		219	100	310	100	4	100	533	100
Env. Emphasis:	weak emphasis	16	7	7	2	0	0	23	4
Practical	2	18	8	20	6	0	0	38	7
courses	3	29	13	46	15	0	0	75	14
	4	47	21	69	22	3	75	119	22
	5	57	26	87	28	1	25	145	27
	6	34	16	59	19	0	0	93	17
	strong emphasis	18	8	22	7	0	0	40	8
Relationships:	competitive	1	0	1	0	0	0	2	0
Other students	2	6	3	1	0	0	0	7	1
	3	6	3	9	3	0	0	15	3
	4	38	17	23	7	0	0	61	11
	5	35	16	47	15	0	0	82	15
	6	81	37	114	37	2	50	197	37
	friendly	52	24	116	37	2	50	170	32
Total		219	100	311	100	4	100	534	100
Relationships:	rigid	14	6	14	5	0	0	28	5
Administrative	2	14	6	19	6	0	0	33	6
personnel	3	22	10	31	10	0	0	53	10
	4	40	18	56	18	1	25	97	18
	5	60	27	99	32	3	75	162	30
	6	53	24	71	23	0	0	124	23
	helpful	16	7	21	7	0	0	37	7
Total		219	100	311	100	4	100	534	100
Relationships:	remote	3	1	0	0	0	0	3	1
Faculty	2	8	4	2	1	0	0	10	2
members	3	14	6	13	4	0	0	27	5
	4	28	13	30	10	0	0	58	11
	5	55	25	81	26	1	25	137	26
	6	74	34	118	38	2	50	194	36
	approachable	37	17	67	22	1	25	105	20
Total		219	100	311	100	4	100	534	100

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## Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Gain: Vocational preparation	very little	16	7	35	11	0	0	51	10
	some	65	30	99	32	2	50	166	31
	quite a bit	93	42	123	39	1	25	217	40
	very much	46	21	55	18	1	25	102	19
Total		220	100	312	100	4	100	536	100
Gain: Skills for professional career	very little	6	3	12	4	0	0	18	3
	some	54	25	81	26	0	0	135	25
	quite a bit	107	49	127	41	2	50	236	44
	very much	53	24	91	29	2	50	146	27
Total		220	100	311	100	4	100	535	100
Gain: Broad general education	very little	7	3	5	2	0	0	12	2
	some	54	25	66	21	1	25	121	23
	quite a bit	94	43	148	48	2	50	244	46
	very much	65	30	91	29	1	25	157	29
Total		220	100	310	100	4	100	534	100
Gain: Career information	very little	12	5	15	5	0	0	27	5
	some	55	25	76	24	0	0	131	24
	quite a bit	104	47	150	48	3	75	257	48
	very much	49	22	71	23	1	25	121	23
Total		220	100	312	100	4	100	536	100
Gain: Enjoyment of art, music, drama	very little	47	21	67	21	1	25	115	21
	some	103	47	122	39	2	50	227	42
	quite a bit	42	19	63	20	1	25	106	20
	very much	28	13	60	19	0	0	88	16
Total		220	100	312	100	4	100	536	100
Gain: Acquaintance with literature	very little	47	21	72	23	0	0	119	22
	some	89	40	107	34	3	75	199	37
	quite a bit	59	27	84	27	1	25	144	27
	very much	25	11	49	16	0	0	74	14
Total		220	100	312	100	4	100	536	100
Gain: Understanding history	very little	23	10	59	19	1	25	83	16
	some	95	43	118	38	2	50	215	40
	quite a bit	66	30	97	31	0	0	163	30
	very much	36	16	37	12	1	25	74	14
Gain: Knowledge about world	very little	40	18	73	23	0	0	113	21
	some	91	41	136	44	3	75	230	43
	quite a bit	54	25	65	21	0	0	119	22
	very much	35	16	38	12	1	25	74	14
Total		220	100	312	100	4	100	536	100
Gain: Writing effectively	very little	8	4	14	4	0	0	22	4
	some	85	39	75	24	1	25	161	30
	quite a bit	76	35	137	44	2	50	215	40
	very much	50	23	86	28	1	25	137	26

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## Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		219	100	312	100	4	100	535	100
Gain: Speaking effectively	very little	11	5	10	3	0	0	21	4
	some	71	32	89	29	0	0	160	30
	quite a bit	90	41	145	46	3	75	238	44
	very much	48	22	68	22	1	25	117	22
Total		220	100	312	100	4	100	536	100
Gain: Using computers, other info tech	very little	10	5	23	7	1	25	34	6
	some	62	28	110	35	2	50	174	32
	quite a bit	90	41	110	35	0	0	200	37
	very much	58	26	69	22	1	25	128	24
Total		220	100	312	100	4	100	536	100
Gain: Awareness of other philosophies	very little	16	7	30	10	0	0	46	9
	some	85	39	109	35	0	0	194	36
	quite a bit	75	34	114	37	3	75	192	36
	very much	44	20	57	18	1	25	102	19
Total		220	100	310	100	4	100	534	100
Gain: Values and ethical standards	very little	17	8	20	6	0	0	37	7
	some	56	26	75	24	1	25	132	25
	quite a bit	91	42	131	42	3	75	225	42
	very much	55	25	86	28	0	0	141	26
Total		219	100	312	100	4	100	535	100
Gain: Understanding self	very little	6	3	8	3	0	0	14	3
	some	51	23	54	17	1	25	106	20
	quite a bit	92	42	137	44	1	25	230	43
	very much	71	32	113	36	2	50	186	35
Gain: Getting along with others	very little	5	2	14	5	0	0	19	4
	some	55	25	56	18	1	25	112	21
	quite a bit	96	44	138	44	2	50	236	44
	very much	63	29	103	33	1	25	167	31
Total		219	100	311	100	4	100	534	100
Gain: Functioning as a team member	very little	11	5	15	5	0	0	26	5
	some	59	27	66	21	1	25	126	24
	quite a bit	89	40	138	44	1	25	228	43
	very much	61	28	93	30	2	50	156	29
Total		220	100	312	100	4	100	536	100
Gain: Personal health habits and fitness	very little	32	15	50	16	1	25	83	15
	some	71	32	112	36	2	50	185	35
	quite a bit	70	32	85	27	0	0	155	29
	very much	47	21	65	21	1	25	113	21
Total		220	100	312	100	4	100	536	100
Gain: Understanding science	very little	22	10	64	21	0	0	86	16
	some	91	41	123	40	2	50	216	40
	quite a bit	71	32	74	24	1	25	146	27
	very much	36	16	50	16	1	25	87	16

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## Estimates of Gains

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		220	100	311	100	4	100	535	100
Gain: Understanding new technology	very little	18	8	84	27	0	0	102	19
	some	104	47	130	42	2	50	236	44
	quite a bit	64	29	57	18	1	25	122	23
	very much	34	15	40	13	1	25	75	14
Total		220	100	311	100	4	100	535	100
Gain: Consequences of science, tech.	very little	23	10	77	25	0	0	100	19
	some	102	46	139	45	2	50	243	45
	quite a bit	66	30	63	20	2	50	131	24
	very much	29	13	33	11	0	0	62	12
Total		220	100	312	100	4	100	536	100
Gain: Thinking analytically	very little	4	2	9	3	0	0	13	2
	some	55	25	90	29	1	25	146	27
	quite a bit	97	44	133	43	1	25	231	43
	very much	63	29	78	25	2	50	143	27
Total		219	100	310	100	4	100	533	100
Gain: Analyzing quantitative problems	very little	15	7	48	15	0	0	63	12
	some	91	41	129	41	3	75	223	42
	quite a bit	69	31	93	30	1	25	163	30
	very much	45	20	42	13	0	0	87	16
Total		220	100	312	100	4	100	536	100
Gain: Synthesizing ideas	very little	6	3	8	3	0	0	14	3
	some	61	28	67	21	0	0	128	24
	quite a bit	103	47	154	49	4	100	261	49
	very much	50	23	83	27	0	0	133	25
Total		220	100	312	100	4	100	536	100
Gain: Learning on one's own	very little	4	2	3	1	0	0	7	1
	some	60	27	59	19	0	0	119	22
	quite a bit	97	44	148	47	3	75	248	46
	very much	59	27	102	33	1	25	162	30
Total		220	100	312	100	4	100	536	100
Gain: Adapting to change	very little	7	3	12	4	0	0	19	4
	some	55	25	66	21	1	25	122	23
	quite a bit	102	46	147	47	2	50	251	47
	very much	56	25	87	28	1	25	144	27
Total		220	100	312	100	4	100	536	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	6	2	0	0	8	2
	response B	5	3	6	2	0	0	11	2
	response C	29	15	41	14	0	0	70	14
	response D	116	58	193	64	2	67	311	62
	response E	48	24	56	19	1	33	105	21
Total		200	100	302	100	3	100	505	100
Additional question #2	response A	31	16	38	13	1	33	70	14
	response B	52	26	90	30	0	0	142	28
	response C	54	27	62	21	1	33	117	23
	response D	34	17	53	18	0	0	87	17
	response E	28	14	57	19	1	33	86	17
Total		199	100	300	100	3	100	502	100
Additional question #3	response A	27	14	38	13	0	0	65	13
	response B	49	25	96	32	2	67	147	29
	response C	46	23	73	24	0	0	119	24
	response D	36	18	58	19	1	33	95	19
	response E	41	21	37	12	0	0	78	15
Total		199	100	302	100	3	100	504	100
Additional question #4	response A	39	20	49	16	1	33	89	18
	response B	101	51	169	56	1	33	271	54
	response C	49	25	74	25	0	0	123	25
	response D	9	5	7	2	1	33	17	3
	response E	1	1	1	0	0	0	2	0
Total		199	100	300	100	3	100	502	100
Additional question #5	response A	40	25	33	14	0	0	73	18
	response B	38	23	25	11	0	0	63	16
	response C	14	9	33	14	0	0	47	12
	response D	55	34	116	50	2	67	173	44
	response E	16	10	23	10	1	33	40	10
Total		163	100	230	100	3	100	396	100
Additional question #6	response A	25	18	61	29	0	0	86	24
	response B	42	30	92	44	1	100	135	38
	response C	39	28	33	16	0	0	72	20
	response D	34	24	23	11	0	0	57	16
	response E	1	1	1	0	0	0	2	1
Total		141	100	210	100	1	100	352	100
Additional question #7	response A	25	13	50	17	0	0	75	15
	response B	61	31	120	40	2	67	183	36
	response C	80	40	94	31	1	33	175	35
	response D	22	11	31	10	0	0	53	11
	response E	11	6	6	2	0	0	17	3



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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		199	100	301	100	3	100	503	100
Additional question #8	response A	15	8	22	7	0	0	37	7
	response B	35	18	58	19	1	33	94	19
	response C	61	31	111	37	1	33	173	34
	response D	55	28	67	22	0	0	122	24
	response E	34	17	44	15	1	33	79	16
Total		200	100	302	100	3	100	505	100
Additional question #9	response A	55	28	58	19	0	0	113	22
	response B	57	29	64	21	1	33	122	24
	response C	37	19	83	28	1	33	121	24
	response D	29	15	59	20	0	0	88	17
	response E	22	11	37	12	1	33	60	12
Total		200	100	301	100	3	100	504	100
Additional question #10	response A	37	19	45	15	1	33	83	16
	response B	81	41	119	40	1	33	201	40
	response C	66	33	118	39	1	33	185	37
	response D	15	8	16	5	0	0	31	6
	response E	1	1	3	1	0	0	4	1
Total		200	100	301	100	3	100	504	100
Additional question #11	response A	54	27	103	34	2	67	159	32
	response B	96	48	153	51	1	33	250	50
	response C	37	19	38	13	0	0	75	15
	response D	13	7	5	2	0	0	18	4
	response E	0	0	1	0	0	0	1	0
Total		200	100	300	100	3	100	503	100
Additional question #12	response A	22	11	70	24	1	33	93	19
	response B	45	23	58	20	1	33	104	21
	response C	53	27	89	30	0	0	142	29
	response D	55	28	64	22	1	33	120	24
	response E	23	12	14	5	0	0	37	7
Total		198	100	295	100	3	100	496	100
Additional question #13	response A	17	9	55	19	0	0	72	14
	response B	43	22	63	21	1	33	107	22
	response C	59	30	81	27	1	33	141	28
	response D	52	26	76	26	0	0	128	26
	response E	28	14	20	7	1	33	49	10
Total		199	100	295	100	3	100	497	100
Additional question #14	response A	35	18	35	12	1	33	71	14
	response B	71	36	88	30	0	0	159	32
	response C	68	34	103	35	1	33	172	35
	response D	22	11	58	20	1	33	81	16
	response E	2	1	11	4	0	0	13	3

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**Additional Items**

		Sex of student						Total	
		Male		Female		Missing		N	%
		N	%	N	%	N	%		
Total		198	100	295	100	3	100	496	100
Additional question #15	response A	41	21	51	17	1	33	93	19
	response B	77	39	93	32	0	0	170	34
	response C	61	31	111	38	1	33	173	35
	response D	16	8	33	11	1	33	50	10
	response E	3	2	7	2	0	0	10	2
Total		198	100	295	100	3	100	496	100
Additional question #16	response A	18	9	43	15	1	33	62	13
	response B	49	25	94	32	1	33	144	29
	response C	80	41	118	40	0	0	198	40
	response D	41	21	36	12	1	33	78	16
	response E	9	5	4	1	0	0	13	3
Total		197	100	295	100	3	100	495	100
Additional question #17	response A	29	15	57	19	1	33	87	18
	response B	73	37	122	41	1	33	196	40
	response C	66	33	76	26	0	0	142	29
	response D	27	14	38	13	1	33	66	13
	response E	3	2	2	1	0	0	5	1
Total		198	100	295	100	3	100	496	100
Additional question #18	response A	19	10	59	20	0	0	78	16
	response B	36	18	49	17	2	67	87	18
	response C	48	24	80	27	1	33	129	26
	response D	55	28	76	26	0	0	131	26
	response E	40	20	31	11	0	0	71	14
Total		198	100	295	100	3	100	496	100
Additional question #19	response A	23	12	41	14	1	33	65	13
	response B	55	28	97	33	0	0	152	31
	response C	67	34	100	34	2	67	169	34
	response D	45	23	49	17	0	0	94	19
	response E	7	4	6	2	0	0	13	3
Total		197	100	293	100	3	100	493	100
Additional question #20	response A	57	29	74	25	0	0	131	26
	response B	86	44	157	53	2	67	245	49
	response C	43	22	56	19	1	33	100	20
	response D	7	4	7	2	0	0	14	3
	response E	4	2	1	0	0	0	5	1
Total		197	100	295	100	3	100	495	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	Female	220	218	2.45	.955	.065
		Female	315	315	2.29	.935	.053
		Missing	7	4	3.00	.816	.408
	Group Total		542	537	2.36	.946	.041
Found something interesting browsing							
Sex of student	Male	Female	220	220	2.01	.873	.059
		Female	315	315	1.93	.773	.044
		Missing	7	4	1.75	.500	.250
	Group Total		542	539	1.96	.814	.035
Asked a librarian/staff member for help							
Sex of student	Male	Female	220	220	1.87	.738	.050
		Female	315	314	1.87	.705	.040
		Missing	7	4	1.50	1.000	.500
	Group Total		542	538	1.87	.720	.031
Read assigned material not texts							
Sex of student	Male	Female	220	220	2.19	.874	.059
		Female	315	315	2.21	.793	.045
		Missing	7	4	2.25	.500	.250
	Group Total		542	539	2.20	.825	.036
Used index or database to find material							
Sex of student	Male	Female	220	219	2.82	.831	.056
		Female	315	315	3.00	.839	.047
		Missing	7	4	3.00	1.155	.577
	Group Total		542	538	2.93	.841	.036
Wrote bibliography for a term paper							
Sex of student	Male	Female	220	219	2.74	.904	.061
		Female	315	313	3.04	.871	.049
		Missing	7	4	3.25	.957	.479
	Group Total		542	536	2.92	.896	.039
Gone back to read basic reference							
Sex of student	Male	Female	220	220	1.80	.824	.056
		Female	315	314	1.76	.752	.042
		Missing	7	4	2.25	1.258	.629
	Group Total		542	538	1.78	.786	.034
Made a judgment							

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**Library Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Made a judgment about quality of info.	Sex of student	Male	220	220	2.53	.962	.065
		Female	315	315	2.62	.867	.049
		Missing	7	4	2.50	1.291	.645
	Group Total		542	539	2.58	.909	.039

**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	220	220	3.76	.542	.037
		Female	315	315	3.85	.442	.025
		Missing	7	4	4.00	.000	.000
	Group Total		542	539	3.82	.486	.021
Used e-mail to communicate with class	Sex of student	Male	220	220	3.62	.654	.044
		Female	315	315	3.75	.534	.030
		Missing	7	4	4.00	.000	.000
	Group Total		542	539	3.70	.588	.025
Used computer tutorial to learn material	Sex of student	Male	220	220	2.08	.885	.060
		Female	315	315	2.18	.948	.053
		Missing	7	4	3.00	1.155	.577
	Group Total		542	539	2.14	.927	.040
Joined in electronic class discussions	Sex of student	Male	220	220	1.91	.959	.065
		Female	315	314	2.02	1.031	.058
		Missing	7	4	1.75	.500	.250
	Group Total		542	538	1.98	1.000	.043
Searched Internet for course material	Sex of student	Male	220	219	3.41	.793	.054
		Female	315	314	3.56	.705	.040
		Missing	7	4	3.50	.577	.289
	Group Total		542	537	3.50	.743	.032
Retrieved off-campus library materials	Sex of student	Male	220	220	2.14	.988	.067
		Female	315	314	2.23	.989	.056
		Missing	7	4	2.75	1.500	.750
	Group Total		542	538	2.20	.993	.043

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**Computer and Information Technology Activities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Made visual displays with computer							
Sex of student	Male		220	220	2.82	.965	.065
	Female		315	314	2.85	.923	.052
	Missing		7	4	2.75	.957	.479
Group Total			542	538	2.84	.939	.040
Used a computer to analyze data							
Sex of student	Male		220	220	2.67	.943	.064
	Female		315	315	2.39	.992	.056
	Missing		7	4	2.50	.577	.289
Group Total			542	539	2.50	.978	.042
Developed Web page, multimedia present.							
Sex of student	Male		220	220	2.21	.980	.066
	Female		315	315	2.13	.965	.054
	Missing		7	4	1.25	.500	.250
Group Total			542	539	2.16	.971	.042

**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Completed assigned readings							
Sex of student	Male		220	219	3.14	.801	.054
	Female		315	314	3.43	.667	.038
	Missing		7	4	3.75	.500	.250
Group Total			542	537	3.31	.738	.032
Took detailed class notes							
Sex of student	Male		220	219	3.29	.775	.052
	Female		315	313	3.65	.582	.033
	Missing		7	4	4.00	.000	.000
Group Total			542	536	3.50	.689	.030
Contributed to class discussions							
Sex of student	Male		220	218	2.92	.822	.056
	Female		315	310	3.06	.794	.045
	Missing		7	4	3.75	.500	.250
Group Total			542	532	3.01	.808	.035
Developed role play/case study for class							
Sex of student	Male		220	219	1.86	.824	.056
	Female		315	314	1.98	.870	.049
	Missing		7	4	1.75	.957	.479

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**Course Learning**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Developed role	Group Total		542	537	1.93	.853	.037
Put together different facts and ideas	Sex of student	Male	220	219	3.00	.798	.054
		Female	315	313	3.10	.823	.046
		Missing	7	4	3.25	.500	.250
	Group Total		542	536	3.06	.811	.035
Summarized major points and information	Sex of student	Male	220	218	2.93	.887	.060
		Female	315	314	3.09	.824	.046
		Missing	7	4	3.00	.816	.408
	Group Total		542	536	3.02	.852	.037
Worked with others on class project	Sex of student	Male	220	219	3.05	.737	.050
		Female	315	312	3.22	.799	.045
		Missing	7	4	3.50	.577	.289
	Group Total		542	535	3.16	.777	.034
Applied class material to other areas	Sex of student	Male	220	219	2.84	.837	.057
		Female	315	314	3.07	.778	.044
		Missing	7	4	2.75	.957	.479
	Group Total		542	537	2.98	.810	.035
Used info. from other areas in class	Sex of student	Male	220	219	2.79	.804	.054
		Female	315	314	2.97	.775	.044
		Missing	7	4	2.75	.957	.479
	Group Total		542	537	2.90	.792	.034
Explained course material to others	Sex of student	Male	220	219	2.87	.752	.051
		Female	315	313	3.11	.764	.043
		Missing	7	4	3.25	.957	.479
	Group Total		542	536	3.01	.768	.033
Worked on project integrating ideas	Sex of student	Male	220	219	3.05	.799	.054
		Female	315	314	3.29	.742	.042
		Missing	7	4	3.25	.957	.479
	Group Total		542	537	3.19	.774	.033

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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	220	219	2.84	.883	.060
		Female	315	314	2.98	.859	.048
		Missing	7	4	3.50	1.000	.500
	Group Total		542	537	2.92	.872	.038
Thought about grammar, etc while writing	Sex of student	Male	220	219	3.21	.789	.053
		Female	315	314	3.47	.697	.039
		Missing	7	4	3.25	.957	.479
	Group Total		542	537	3.36	.748	.032
Asked others to read your writing	Sex of student	Male	220	219	2.62	.872	.059
		Female	315	314	2.96	.869	.049
		Missing	7	4	2.75	.957	.479
	Group Total		542	537	2.82	.886	.038
Referred to a style manual	Sex of student	Male	220	219	2.39	.884	.060
		Female	315	314	2.71	.898	.051
		Missing	7	4	2.50	.577	.289
	Group Total		542	537	2.58	.903	.039
Revised a paper two or more times	Sex of student	Male	220	217	2.48	.948	.064
		Female	315	314	2.76	.933	.053
		Missing	7	4	2.75	.957	.479
	Group Total		542	535	2.65	.948	.041
Asked for writing advice	Sex of student	Male	220	219	2.10	.896	.061
		Female	315	313	2.17	.916	.052
		Missing	7	4	2.00	.816	.408
	Group Total		542	536	2.14	.907	.039
Prepared major report for class	Sex of student	Male	220	219	1.67	.873	.059
		Female	315	313	1.64	.866	.049
		Missing	7	4	2.00	.816	.408
	Group Total		542	536	1.66	.868	.037

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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	220	219	2.84	.811	.055
		Female	315	314	2.88	.804	.045
		Missing	7	4	3.00	1.155	.577
	Group Total		542	537	2.86	.808	.035
Discussed academic program with faculty	Sex of student	Male	220	219	2.44	.824	.056
		Female	315	314	2.59	.827	.047
		Missing	7	4	2.75	.957	.479
	Group Total		542	537	2.53	.828	.036
Discussed term paper with faculty	Sex of student	Male	220	219	2.36	.785	.053
		Female	315	313	2.44	.830	.047
		Missing	7	4	2.50	1.291	.645
	Group Total		542	536	2.40	.815	.035
Discussed career plans with faculty	Sex of student	Male	220	218	2.18	.833	.056
		Female	315	314	2.27	.879	.050
		Missing	7	4	3.00	.816	.408
	Group Total		542	536	2.24	.862	.037
Worked harder due to instructor feedback	Sex of student	Male	220	219	2.62	.867	.059
		Female	315	313	2.75	.786	.044
		Missing	7	4	2.50	.577	.289
	Group Total		542	536	2.69	.820	.035
Socialized with faculty outside of class	Sex of student	Male	220	219	1.95	.964	.065
		Female	315	313	1.73	.837	.047
		Missing	7	4	1.50	.577	.289
	Group Total		542	536	1.82	.895	.039
Discussed with others outside of class	Sex of student	Male	220	219	1.91	.894	.060
		Female	315	314	1.83	.868	.049
		Missing	7	4	1.75	.957	.479
	Group Total		542	537	1.86	.879	.038
Asked instructor about							



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**Experiences with Faculty**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Asked instructor about performance	Sex of student	Male	220	218	2.10	.863	.058
		Female	315	311	2.07	.925	.052
		Missing	7	4	2.00	.816	.408
	Group Total		542	533	2.08	.898	.039
Worked to meet faculty expectations	Sex of student	Male	220	219	2.35	.938	.063
		Female	315	314	2.58	.854	.048
		Missing	7	4	2.50	.577	.289
	Group Total		542	537	2.48	.894	.039
Worked with faculty member on research	Sex of student	Male	220	219	1.63	.988	.067
		Female	315	314	1.56	.896	.051
		Missing	7	4	1.25	.500	.250
	Group Total		542	537	1.59	.932	.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		220	219	2.12	.970	.066
	Female		315	314	2.61	.980	.055
	Missing		7	4	2.75	.957	.479
Group Total			542	537	2.41	1.004	.043
Went to exhibit or performance							
Sex of student	Male		220	219	2.05	.850	.057
	Female		315	314	2.59	.918	.052
	Missing		7	4	2.25	.500	.250
Group Total			542	537	2.37	.926	.040
Participated in art or theater activity							
Sex of student	Male		220	219	1.58	.927	.063
	Female		315	314	1.90	1.053	.059
	Missing		7	4	1.25	.500	.250
Group Total			542	537	1.77	1.013	.044
Talked about music or musicians							
Sex of student	Male		220	219	2.79	1.005	.068
	Female		315	313	2.88	.931	.053
	Missing		7	4	2.50	1.000	.500
Group Total			542	536	2.84	.962	.042
Attended a concert or other music event							
Sex of student	Male		220	218	2.44	.905	.061
	Female		315	313	2.50	.888	.050
	Missing		7	4	2.00	.000	.000
Group Total			542	535	2.47	.892	.039
Participated in music activity							
Sex of student	Male		220	219	1.59	.951	.064
	Female		315	314	1.73	1.009	.057
	Missing		7	4	1.25	.500	.250
Group Total			542	537	1.67	.984	.042
Read or discussed opinions of critics							
Sex of student	Male		220	219	1.89	.963	.065
	Female		315	313	2.03	1.012	.057
	Missing		7	4	1.25	.500	.250
Group Total			542	536	1.97	.993	.043

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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		220	219	2.34	.941	.064
	Female		315	313	2.41	.916	.052
	Missing		7	4	2.75	.957	.479
Group Total			542	536	2.38	.926	.040
Met other students for discussion							
Sex of student	Male		220	219	2.66	.902	.061
	Female		315	313	2.87	.874	.049
	Missing		7	4	3.00	1.155	.577
Group Total			542	536	2.78	.892	.039
Attended cultural/social event							
Sex of student	Male		220	218	2.22	.797	.054
	Female		315	313	2.40	.838	.047
	Missing		7	4	2.25	.500	.250
Group Total			542	535	2.33	.823	.036
Went to lecture or panel discussion							
Sex of student	Male		220	219	1.97	.789	.053
	Female		315	312	2.01	.810	.046
	Missing		7	4	2.00	.000	.000
Group Total			542	535	2.00	.798	.034
Used a campus learning lab or center							
Sex of student	Male		220	218	1.80	.783	.053
	Female		315	313	1.83	.899	.051
	Missing		7	4	2.00	.816	.408
Group Total			542	535	1.82	.852	.037
Used campus recreational facilities							
Sex of student	Male		220	219	2.90	1.016	.069
	Female		315	313	2.93	1.012	.057
	Missing		7	4	3.75	.500	.250
Group Total			542	536	2.92	1.012	.044
Played a team sport							
Sex of student	Male		220	219	2.37	1.213	.082
	Female		315	313	1.95	1.156	.065
	Missing		7	4	2.50	1.732	.866
Group Total			542	536	2.12	1.200	.052
Followed regular							

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**Campus Facilities**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Followed regular exercise schedule	Sex of student	Male	220	219	2.74	1.167	.079
		Female	315	313	2.51	1.209	.068
		Missing	7	4	2.50	1.291	.645
	Group Total		542	536	2.60	1.195	.052

**Clubs and Organizations**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Attended a meeting of campus org.	Sex of student	Male	220	219	2.95	1.144	.077
		Female	315	313	3.38	.980	.055
		Missing	7	4	3.25	.957	.479
	Group Total		542	536	3.20	1.069	.046
Worked on campus committee/organization	Sex of student	Male	220	219	2.22	1.204	.081
		Female	315	312	2.69	1.228	.070
		Missing	7	4	3.25	1.500	.750
	Group Total		542	535	2.50	1.241	.054
Worked on off-campus committee/org.	Sex of student	Male	220	218	1.77	1.036	.070
		Female	315	312	1.83	1.031	.058
		Missing	7	4	1.00	.000	.000
	Group Total		542	534	1.80	1.031	.045
Met with faculty to discuss campus group	Sex of student	Male	220	219	1.91	1.045	.071
		Female	315	311	1.87	1.016	.058
		Missing	7	4	1.50	.577	.289
	Group Total		542	534	1.89	1.025	.044
Managed an organization on or off campus	Sex of student	Male	220	219	2.29	1.186	.080
		Female	315	312	2.58	1.255	.071
		Missing	7	4	3.25	.957	.479
	Group Total		542	535	2.46	1.234	.053

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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		220	219	2.74	.900	.061
	Female		315	312	3.28	.815	.046
	Missing		7	4	3.25	.957	.479
	Group Total		542	535	3.06	.891	.039
Discussed why some people get along							
Sex of student	Male		220	219	2.59	.926	.063
	Female		315	312	3.10	.881	.050
	Missing		7	4	3.50	.577	.289
	Group Total		542	535	2.89	.931	.040
Asked for help with a personal problem							
Sex of student	Male		220	218	2.40	.936	.063
	Female		315	312	3.15	.877	.050
	Missing		7	4	3.00	1.155	.577
	Group Total		542	534	2.84	.974	.042
Read about personal growth/self-improve							
Sex of student	Male		220	219	1.87	.935	.063
	Female		315	312	2.13	.928	.053
	Missing		7	4	2.25	.500	.250
	Group Total		542	535	2.03	.936	.040
Identified with book/movie/TV character							
Sex of student	Male		220	219	2.68	.917	.062
	Female		315	312	3.02	.932	.053
	Missing		7	4	2.75	.957	.479
	Group Total		542	535	2.88	.939	.041
Took test to measure abilities/interests							
Sex of student	Male		220	219	2.19	.829	.056
	Female		315	312	2.19	.876	.050
	Missing		7	4	1.50	.577	.289
	Group Total		542	535	2.19	.856	.037
Asked friend his/her opinion of you							
Sex of student	Male		220	219	2.12	.970	.066
	Female		315	312	2.38	.995	.056
	Missing		7	4	1.75	.500	.250
	Group Total		542	535	2.27	.990	.043
Talked with F/S							

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**Personal Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Talked with F/S about personal concern	Sex of student	Male	220	218	1.65	.853	.058
		Female	315	312	1.63	.857	.049
		Missing	7	4	2.25	1.258	.629
	Group Total		542	534	1.64	.858	.037

**Student Acquaintances**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Acquainted: students of diff. interests	Sex of student	Male	220	218	2.85	.792	.054
		Female	315	311	3.01	.766	.043
		Missing	7	4	3.00	.000	.000
	Group Total		542	533	2.94	.777	.034
Acquainted: students of diff. background	Sex of student	Male	220	218	2.94	.775	.052
		Female	315	311	3.11	.790	.045
		Missing	7	4	3.25	.500	.250
	Group Total		542	533	3.04	.785	.034
Acquainted: students of diff. age	Sex of student	Male	220	217	3.00	.782	.053
		Female	315	309	3.09	.819	.047
		Missing	7	4	3.25	.500	.250
	Group Total		542	530	3.05	.802	.035
Acquainted: students of diff. race	Sex of student	Male	220	218	2.80	.816	.055
		Female	315	310	2.83	.828	.047
		Missing	7	4	3.00	.000	.000
	Group Total		542	532	2.82	.820	.036
Acquainted: students from other country	Sex of student	Male	220	216	2.54	.812	.055
		Female	315	311	2.53	.879	.050
		Missing	7	4	2.00	.000	.000
	Group Total		542	531	2.53	.849	.037
Discussions: students of diff. values	Sex of student	Male	220	218	2.72	.906	.061
		Female	315	312	2.68	.945	.054
		Missing	7	4	2.25	.500	.250
	Group Total		542	534	2.69	.927	.040

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**Student Acquaintances**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Discussions: students of diff. political							
Sex of student	Male		220	218	2.76	.940	.064
	Female		315	311	2.68	.950	.054
	Missing		7	4	2.50	1.000	.500
Group Total			542	533	2.71	.945	.041
Discussions: students of diff. religious							
Sex of student	Male		220	218	2.74	.896	.061
	Female		315	312	2.67	.933	.053
	Missing		7	4	2.75	.957	.479
Group Total			542	534	2.70	.917	.040
Discussions: students of diff. race							
Sex of student	Male		220	218	2.44	.915	.062
	Female		315	311	2.40	.934	.053
	Missing		7	4	1.75	.957	.479
Group Total			542	533	2.41	.927	.040
Discussions: students of diff. country							
Sex of student	Male		220	218	2.33	.970	.066
	Female		315	311	2.13	.997	.057
	Missing		7	4	1.75	.500	.250
Group Total			542	533	2.21	.988	.043

**Science and Quantitative Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Memorized formulas/definitions/concepts							
Sex of student	Male		220	218	3.11	.937	.063
	Female		315	312	3.18	.901	.051
	Missing		7	4	3.50	.577	.289
Group Total			542	534	3.15	.914	.040
Expressed relationships using math terms							
Sex of student	Male		220	217	2.89	1.035	.070
	Female		315	312	2.59	.995	.056
	Missing		7	4	2.75	.957	.479
Group Total			542	533	2.71	1.020	.044
Explained scientific concept to others							
Sex of student	Male		220	218	2.67	.985	.067
	Female		315	312	2.43	1.002	.057
	Missing		7	4	2.25	1.258	.629

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**Science and Quantitative Experiences**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Explained scientific	Group Total		542	534	2.52	1.002	.043
Read articles about science not assigned	Sex of student	Male	220	218	2.18	1.069	.072
		Female	315	311	1.82	.984	.056
		Missing	7	4	1.75	1.500	.750
	Group Total		542	533	1.97	1.036	.045
Completed an experiment w/sci. methods	Sex of student	Male	220	218	2.48	.985	.067
		Female	315	311	2.35	1.033	.059
		Missing	7	4	2.75	1.500	.750
	Group Total		542	533	2.41	1.017	.044
Practiced using laboratory equipment	Sex of student	Male	220	218	2.08	1.038	.070
		Female	315	311	1.93	1.039	.059
		Missing	7	4	2.00	1.155	.577
	Group Total		542	533	1.99	1.040	.045
Showed how to use scientific equipment	Sex of student	Male	220	218	1.96	.957	.065
		Female	315	312	1.83	.957	.054
		Missing	7	4	1.25	.500	.250
	Group Total		542	534	1.88	.957	.041
Explained experimental procedure	Sex of student	Male	220	218	2.13	.961	.065
		Female	315	312	1.96	.931	.053
		Missing	7	4	1.50	.577	.289
	Group Total		542	534	2.03	.945	.041
Compared sci. method with other methods	Sex of student	Male	220	218	2.12	.972	.066
		Female	315	313	1.87	.890	.050
		Missing	7	4	1.75	.957	.479
	Group Total		542	535	1.97	.931	.040
Explained scientific basis for concerns	Sex of student	Male	220	218	2.16	.976	.066
		Female	315	312	1.98	.943	.053
		Missing	7	4	2.00	.816	.408
	Group Total		542	534	2.05	.958	.041



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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		220	219	2.96	.783	.053
	Female		315	313	2.93	.823	.047
	Missing		7	4	2.50	.577	.289
Group Total			542	536	2.94	.805	.035
Topic: Social issues--peace,justice, etc							
Sex of student	Male		220	219	2.62	.861	.058
	Female		315	313	2.72	.853	.048
	Missing		7	4	2.25	.957	.479
Group Total			542	536	2.68	.857	.037
Topic: Different lifestyles, etc.							
Sex of student	Male		220	216	2.67	.829	.056
	Female		315	313	2.82	.811	.046
	Missing		7	4	2.75	.500	.250
Group Total			542	533	2.76	.819	.035
Topic: Ideas of writers, etc.							
Sex of student	Male		220	219	2.47	.869	.059
	Female		315	313	2.31	.907	.051
	Missing		7	4	2.00	.816	.408
Group Total			542	536	2.37	.894	.039
Topic: The arts--painting, poetry, etc.							
Sex of student	Male		220	219	2.42	.941	.064
	Female		315	313	2.66	.930	.053
	Missing		7	4	2.00	.816	.408
Group Total			542	536	2.56	.941	.041
Topic: Science--theories, etc.							
Sex of student	Male		220	219	2.24	.913	.062
	Female		315	313	1.96	.919	.052
	Missing		7	4	3.00	.816	.408
Group Total			542	536	2.08	.928	.040
Topic: Computers and other technologies							
Sex of student	Male		220	219	2.47	.848	.057
	Female		315	312	2.18	.829	.047
	Missing		7	4	2.25	.957	.479
Group Total			542	535	2.30	.849	.037
Topic: Social/ethical issues re: science							
Sex of student	Male		220	219	2.42	.838	.057
	Female		315	313	2.39	.896	.051
	Missing		7	4	2.75	.500	.250
Group Total			542	536	2.40	.870	.038

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**Topics of Conversation**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Topic: The economy--employment, etc.							
Sex of student	Male		220	219	2.59	.815	.055
	Female		315	313	2.51	.892	.050
	Missing		7	4	2.50	.577	.289
	Group Total		542	536	2.54	.859	.037
Topic: International relations							
Sex of student	Male		220	219	2.61	.909	.061
	Female		315	313	2.50	.934	.053
	Missing		7	4	2.00	.816	.408
	Group Total		542	536	2.54	.924	.040

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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		220	215	2.79	.756	.052
	Female		315	310	3.09	.732	.042
	Missing		7	4	2.75	.957	.479
	Group Total		542	529	2.96	.757	.033
Explored different ways of thinking							
Sex of student	Male		220	215	2.64	.754	.051
	Female		315	310	2.76	.768	.044
	Missing		7	4	2.25	.500	.250
	Group Total		542	529	2.71	.763	.033
Referred to something instructor said							
Sex of student	Male		220	214	2.63	.788	.054
	Female		315	310	2.85	.751	.043
	Missing		7	4	2.75	.957	.479
	Group Total		542	528	2.76	.774	.034
Subsequently read something on a topic							
Sex of student	Male		220	214	2.47	.809	.055
	Female		315	310	2.47	.842	.048
	Missing		7	4	2.25	.500	.250
	Group Total		542	528	2.47	.826	.036
Changed opinion because of others							
Sex of student	Male		220	215	2.24	.741	.051
	Female		315	310	2.26	.695	.039
	Missing		7	4	2.25	.500	.250
	Group Total		542	529	2.25	.712	.031
Persuaded others to change their minds							
Sex of student	Male		220	214	2.37	.793	.054
	Female		315	309	2.23	.740	.042
	Missing		7	4	2.25	.500	.250
	Group Total		542	527	2.29	.763	.033

**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Library Scale							
Sex of student	Male		220	216	18.36	4.456	.303
	Female		315	311	18.73	3.793	.215
	Missing		7	4	19.50	5.196	2.598

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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Library Scale	Group Total		542	531	18.59	4.082	.177
QE: Computer and IT Scale	Sex of student	Male	220	219	24.63	4.363	.295
		Female	315	311	25.03	4.304	.244
		Missing	7	4	25.50	4.123	2.062
	Group Total		542	534	24.87	4.324	.187
QE: Course Learning Scale	Sex of student	Male	220	217	31.79	5.295	.359
		Female	315	305	34.02	5.047	.289
		Missing	7	4	35.00	5.099	2.550
	Group Total		542	526	33.11	5.260	.229
QE: Writing Experiences Scale	Sex of student	Male	220	217	17.33	3.946	.268
		Female	315	312	18.71	3.928	.222
		Missing	7	4	18.75	2.217	1.109
	Group Total		542	533	18.15	3.979	.172
QE: Experiences with Faculty Scale	Sex of student	Male	220	217	22.29	6.047	.411
		Female	315	308	22.69	5.913	.337
		Missing	7	4	22.75	4.992	2.496
	Group Total		542	529	22.53	5.956	.259
QE: Art, Music, Theater Scale	Sex of student	Male	220	218	14.47	4.684	.317
		Female	315	311	16.28	4.981	.282
		Missing	7	4	13.25	2.217	1.109
	Group Total		542	533	15.52	4.925	.213
QE: Campus Facilities Scale	Sex of student	Male	220	218	19.00	4.468	.303
		Female	315	312	18.91	4.488	.254
		Missing	7	4	20.75	4.113	2.056
	Group Total		542	534	18.96	4.472	.194
QE: Clubs and Organizations Scale	Sex of student	Male	220	218	11.11	4.396	.298
		Female	315	311	12.33	3.964	.225
		Missing	7	4	12.25	2.986	1.493
	Group Total		542	533	11.83	4.177	.181
QE: Personal							

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**Quality of Effort Scales**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
QE: Personal Experiences Scale	Sex of student	Male	220	217	18.25	5.084	.345
		Female	315	312	20.88	4.724	.267
		Missing	7	4	20.25	4.425	2.213
	Group Total		542	533	19.81	5.031	.218
QE: Student Acquaintances Scale	Sex of student	Male	220	215	27.21	6.278	.428
		Female	315	307	27.11	6.282	.359
		Missing	7	4	25.50	4.359	2.179
	Group Total		542	526	27.14	6.261	.273
QE: Science & Quantitative Exp. Scale	Sex of student	Male	220	217	23.78	7.579	.514
		Female	315	309	21.94	7.327	.417
		Missing	7	4	21.50	8.888	4.444
	Group Total		542	530	22.69	7.482	.325
QE: Topics of Conversation Scale	Sex of student	Male	220	216	25.45	5.699	.388
		Female	315	312	25.01	5.430	.307
		Missing	7	4	24.00	6.481	3.240
	Group Total		542	532	25.18	5.542	.240
QE: Information in Conversations Scale	Sex of student	Male	220	213	15.14	3.431	.235
		Female	315	309	15.65	3.431	.195
		Missing	7	4	14.50	2.887	1.443
	Group Total		542	526	15.44	3.432	.150

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**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
<b>Number of texts read</b>							
Sex of student	Male		220	218	2.99	.977	.066
	Female		315	311	3.31	.866	.049
	Missing		7	4	3.25	.500	.250
	Group Total		542	533	3.18	.923	.040
<b>Number of course packets read</b>							
Sex of student	Male		220	216	2.66	1.126	.077
	Female		315	310	2.70	1.026	.058
	Missing		7	4	2.50	.577	.289
	Group Total		542	530	2.68	1.065	.046
<b>Number of non-assigned books read</b>							
Sex of student	Male		220	218	2.14	.940	.064
	Female		315	312	2.34	1.033	.058
	Missing		7	4	3.25	1.500	.750
	Group Total		542	534	2.26	1.006	.044
<b>Number of essays written</b>							
Sex of student	Male		220	212	2.92	1.032	.071
	Female		315	308	3.03	1.011	.058
	Missing		7	4	3.00	.816	.408
	Group Total		542	524	2.99	1.018	.044
<b>Number of term papers written</b>							
Sex of student	Male		220	212	2.99	.976	.067
	Female		315	306	3.21	.979	.056
	Missing		7	4	3.00	1.155	.577
	Group Total		542	522	3.12	.983	.043
<b>How well college is liked</b>							
Sex of student	Male		220	218	3.01	.803	.054
	Female		315	312	3.19	.749	.042
	Missing		7	4	3.75	.500	.250
	Group Total		542	534	3.12	.776	.034
<b>Would attend same institution again</b>							
Sex of student	Male		220	219	2.89	.894	.060
	Female		315	311	3.12	.792	.045
	Missing		7	4	3.50	.577	.289
	Group Total		542	534	3.03	.842	.036
<b>Overall opinion of</b>							

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**Reading, Writing, and College Opinion**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Overall opinion of college	Sex of student	Male	220	218	5.90	1.462	.099
		Female	315	311	6.32	1.372	.078
		Missing	7	4	7.25	.957	.479
	Group Total		542	533	6.15	1.423	.062

**Measures of the College Environment**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Env. Emphasis: Scholarship	Sex of student	Male	220	219	6.12	.970	.066
		Female	315	310	6.35	.892	.051
		Missing	7	4	6.75	.500	.250
	Group Total		542	533	6.26	.929	.040
Env. Emphasis: Aesthetics	Sex of student	Male	220	219	4.79	1.416	.096
		Female	315	310	5.02	1.365	.078
		Missing	7	4	5.75	.500	.250
	Group Total		542	533	4.93	1.387	.060
Env. Emphasis: Analysis	Sex of student	Male	220	219	5.70	1.116	.075
		Female	315	308	5.80	1.057	.060
		Missing	7	4	5.75	.957	.479
	Group Total		542	531	5.76	1.080	.047
Env. Emphasis: Diversity	Sex of student	Male	220	219	4.56	1.568	.106
		Female	315	310	4.61	1.579	.090
		Missing	7	4	5.75	.957	.479
	Group Total		542	533	4.60	1.572	.068
Env. Emphasis: Info. literacy skills	Sex of student	Male	220	219	5.14	1.246	.084
		Female	315	309	5.01	1.344	.076
		Missing	7	4	5.25	1.258	.629
	Group Total		542	532	5.07	1.303	.056
Env. Emphasis: Vocational	Sex of student	Male	220	219	4.33	1.629	.110
		Female	315	310	4.18	1.666	.095
		Missing	7	4	4.50	.577	.289
	Group Total		542	533	4.24	1.645	.071

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**Measures of the College Environment**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
<b>Env. Emphasis:</b>							
Practical courses	Sex of student	Male	220	219	4.30	1.631	.110
		Female	315	310	4.53	1.420	.081
		Missing	7	4	4.25	.500	.250
	Group Total		542	533	4.43	1.509	.065
<b>Relationships:</b>							
Other students	Sex of student	Male	220	219	5.52	1.290	.087
		Female	315	311	5.96	1.102	.062
		Missing	7	4	6.50	.577	.289
	Group Total		542	534	5.78	1.200	.052
<b>Relationships:</b>							
Administrative personnel	Sex of student	Male	220	219	4.56	1.591	.108
		Female	315	311	4.62	1.487	.084
		Missing	7	4	4.75	.500	.250
	Group Total		542	534	4.60	1.524	.066
<b>Relationships:</b>							
Faculty members	Sex of student	Male	220	219	5.26	1.374	.093
		Female	315	311	5.61	1.092	.062
		Missing	7	4	6.00	.816	.408
	Group Total		542	534	5.47	1.226	.053

**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
<b>Gain: Vocational preparation</b>							
	Sex of student	Male	220	220	2.77	.863	.058
		Female	315	312	2.63	.901	.051
		Missing	7	4	2.75	.957	.479
	Group Total		542	536	2.69	.887	.038
<b>Gain: Skills for professional career</b>							
	Sex of student	Male	220	220	2.94	.771	.052
		Female	315	311	2.95	.841	.048
		Missing	7	4	3.50	.577	.289
	Group Total		542	535	2.95	.812	.035
<b>Gain: Broad general education</b>							
	Sex of student	Male	220	220	2.99	.819	.055
		Female	315	310	3.05	.755	.043
		Missing	7	4	3.00	.816	.408



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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Broad general	Group Total		542	534	3.02	.782	.034
Gain: Career information	Sex of student	Male	220	220	2.86	.822	.055
		Female	315	312	2.89	.808	.046
		Missing	7	4	3.25	.500	.250
	Group Total		542	536	2.88	.812	.035
Gain: Enjoyment of art, music, drama	Sex of student	Male	220	220	2.23	.929	.063
		Female	315	312	2.37	1.025	.058
		Missing	7	4	2.00	.816	.408
	Group Total		542	536	2.31	.987	.043
Gain: Acquaintance with literature	Sex of student	Male	220	220	2.28	.928	.063
		Female	315	312	2.35	1.004	.057
		Missing	7	4	2.25	.500	.250
	Group Total		542	536	2.32	.970	.042
Gain: Understanding history	Sex of student	Male	220	220	2.52	.889	.060
		Female	315	311	2.36	.922	.052
		Missing	7	4	2.25	1.258	.629
	Group Total		542	535	2.43	.913	.039
Gain: Knowledge about world	Sex of student	Male	220	220	2.38	.960	.065
		Female	315	312	2.22	.941	.053
		Missing	7	4	2.50	1.000	.500
	Group Total		542	536	2.29	.951	.041
Gain: Writing effectively	Sex of student	Male	220	219	2.77	.844	.057
		Female	315	312	2.95	.834	.047
		Missing	7	4	3.00	.816	.408
	Group Total		542	535	2.87	.841	.036
Gain: Speaking effectively	Sex of student	Male	220	220	2.80	.838	.056
		Female	315	312	2.87	.785	.044
		Missing	7	4	3.25	.500	.250
	Group Total		542	536	2.84	.806	.035
Gain: Using computers,							

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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	220	220	2.89	.848	.057
		Female	315	312	2.72	.891	.050
		Missing	7	4	2.25	1.258	.629
	Group Total		542	536	2.79	.879	.038
Gain: Awareness of other philosophies	Sex of student	Male	220	220	2.67	.878	.059
		Female	315	310	2.64	.891	.051
		Missing	7	4	3.25	.500	.250
	Group Total		542	534	2.66	.884	.038
Gain: Values and ethical standards	Sex of student	Male	220	219	2.84	.892	.060
		Female	315	312	2.91	.875	.050
		Missing	7	4	2.75	.500	.250
	Group Total		542	535	2.88	.880	.038
Gain: Understanding self	Sex of student	Male	220	220	3.04	.816	.055
		Female	315	312	3.14	.788	.045
		Missing	7	4	3.25	.957	.479
	Group Total		542	536	3.10	.801	.035
Gain: Getting along with others	Sex of student	Male	220	219	2.99	.796	.054
		Female	315	311	3.06	.831	.047
		Missing	7	4	3.00	.816	.408
	Group Total		542	534	3.03	.815	.035
Gain: Functioning as a team member	Sex of student	Male	220	220	2.91	.861	.058
		Female	315	312	2.99	.839	.048
		Missing	7	4	3.25	.957	.479
	Group Total		542	536	2.96	.848	.037
Gain: Personal health habits and fitness	Sex of student	Male	220	220	2.60	.981	.066
		Female	315	312	2.53	.995	.056
		Missing	7	4	2.25	1.258	.629
	Group Total		542	536	2.56	.990	.043
Gain: Understanding science	Sex of student	Male	220	220	2.55	.882	.059
		Female	315	311	2.35	.982	.056
		Missing	7	4	2.75	.957	.479

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**Estimates of Gains**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Gain: Understanding	Group Total		542	535	2.44	.946	.041
Gain: Understanding new technology	Sex of student	Male	220	220	2.52	.852	.057
		Female	315	311	2.17	.970	.055
		Missing	7	4	2.75	.957	.479
	Group Total		542	535	2.32	.938	.041
Gain: Consequences of science, tech.	Sex of student	Male	220	220	2.46	.851	.057
		Female	315	312	2.17	.920	.052
		Missing	7	4	2.50	.577	.289
	Group Total		542	536	2.29	.901	.039
Gain: Thinking analytically	Sex of student	Male	220	219	3.00	.784	.053
		Female	315	310	2.90	.807	.046
		Missing	7	4	3.25	.957	.479
	Group Total		542	533	2.95	.799	.035
Gain: Analyzing quantitative problems	Sex of student	Male	220	220	2.65	.880	.059
		Female	315	312	2.41	.907	.051
		Missing	7	4	2.25	.500	.250
	Group Total		542	536	2.51	.901	.039
Gain: Synthesizing ideas	Sex of student	Male	220	220	2.90	.778	.052
		Female	315	312	3.00	.765	.043
		Missing	7	4	3.00	.000	.000
	Group Total		542	536	2.96	.769	.033
Gain: Learning on one's own	Sex of student	Male	220	220	2.96	.784	.053
		Female	315	312	3.12	.736	.042
		Missing	7	4	3.25	.500	.250
	Group Total		542	536	3.05	.758	.033
Gain: Adapting to change	Sex of student	Male	220	220	2.94	.794	.054
		Female	315	312	2.99	.804	.046
		Missing	7	4	3.00	.816	.408
	Group Total		542	536	2.97	.799	.035

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #1							
Sex of student	Male		220	200	4.01	.760	.054
	Female		315	302	3.95	.761	.044
	Missing		7	3	4.33	.577	.333
Group Total			542	505	3.98	.760	.034
Additional question #2							
Sex of student	Male		220	199	2.88	1.270	.090
	Female		315	300	3.00	1.323	.076
	Missing		7	3	3.00	2.000	1.155
Group Total			542	502	2.95	1.304	.058
Additional question #3							
Sex of student	Male		220	199	3.08	1.341	.095
	Female		315	302	2.87	1.221	.070
	Missing		7	3	2.67	1.155	.667
Group Total			542	504	2.95	1.271	.057
Additional question #4							
Sex of student	Male		220	199	2.16	.805	.057
	Female		315	300	2.14	.718	.041
	Missing		7	3	2.33	1.528	.882
Group Total			542	502	2.15	.757	.034
Additional question #5							
Sex of student	Male		220	163	2.81	1.386	.109
	Female		315	230	3.31	1.224	.081
	Missing		7	3	4.33	.577	.333
Group Total			542	396	3.11	1.315	.066
Additional question #6							
Sex of student	Male		220	141	2.60	1.062	.089
	Female		315	210	2.10	.961	.066
	Missing		7	1	2.00	.	.
Group Total			542	352	2.30	1.030	.055
Additional question #7							
Sex of student	Male		220	199	2.66	1.016	.072
	Female		315	301	2.41	.950	.055
	Missing		7	3	2.33	.577	.333
Group Total			542	503	2.51	.982	.044
Additional							

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional question #8	Sex of student	Male	220	200	3.29	1.163	.082
		Female	315	302	3.18	1.123	.065
		Missing	7	3	3.33	1.528	.882
	Group Total		542	505	3.22	1.140	.051
Additional question #9	Sex of student	Male	220	200	2.53	1.326	.094
		Female	315	301	2.84	1.285	.074
		Missing	7	3	3.33	1.528	.882
	Group Total		542	504	2.72	1.310	.058
Additional question #10	Sex of student	Male	220	200	2.31	.876	.062
		Female	315	301	2.38	.838	.048
		Missing	7	3	2.00	1.000	.577
	Group Total		542	504	2.35	.854	.038
Additional question #11	Sex of student	Male	220	200	2.05	.846	.060
		Female	315	300	1.83	.734	.042
		Missing	7	3	1.33	.577	.333
	Group Total		542	503	1.91	.787	.035
Additional question #12	Sex of student	Male	220	198	3.06	1.191	.085
		Female	315	295	2.64	1.195	.070
		Missing	7	3	2.33	1.528	.882
	Group Total		542	496	2.81	1.211	.054
Additional question #13	Sex of student	Male	220	199	3.16	1.168	.083
		Female	315	295	2.81	1.207	.070
		Missing	7	3	3.33	1.528	.882
	Group Total		542	497	2.95	1.203	.054
Additional question #14	Sex of student	Male	220	198	2.42	.940	.067
		Female	315	295	2.74	1.026	.060
		Missing	7	3	2.67	1.528	.882
	Group Total		542	496	2.61	1.005	.045
Additional question #15	Sex of student	Male	220	198	2.31	.940	.067
		Female	315	295	2.50	.982	.057
		Missing	7	3	2.67	1.528	.882

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**Additional Items**

			Count	Valid N	Mean	Std Deviation	Standard Error of Mean
Additional	Group Total		542	496	2.42	.971	.044
Additional question #16	Sex of student	Male	220	197	2.87	.996	.071
		Female	315	295	2.54	.932	.054
		Missing	7	3	2.33	1.528	.882
	Group Total		542	495	2.67	.973	.044
Additional question #17	Sex of student	Male	220	198	2.51	.955	.068
		Female	315	295	2.34	.956	.056
		Missing	7	3	2.33	1.528	.882
	Group Total		542	496	2.41	.960	.043
Additional question #18	Sex of student	Male	220	198	3.31	1.251	.089
		Female	315	295	2.90	1.281	.075
		Missing	7	3	2.33	.577	.333
	Group Total		542	496	3.06	1.281	.058
Additional question #19	Sex of student	Male	220	197	2.79	1.038	.074
		Female	315	293	2.60	.990	.058
		Missing	7	3	2.33	1.155	.667
	Group Total		542	493	2.67	1.013	.046
Additional question #20	Sex of student	Male	220	197	2.06	.913	.065
		Female	315	295	2.00	.754	.044
		Missing	7	3	2.33	.577	.333
	Group Total		542	495	2.02	.819	.037