



OKLAHOMA CITY
COMMUNITY COLLEGE

**Community College Survey of Student Engagement Results
Administered Spring 2009**

**By
Dr. Janet C. Perry
Director of Institutional Effectiveness**

TABLE OF CONTENTS

Executive Summary	5
Methodology.....	5
Summary of Results	5
Limitation of the Data	8
Demographics	9
General	11
Interaction with College Offerings.....	11
Sources of Tuition	13
Plan to Take Classes Again at OCCC.....	13
Would Recommend OCCC to Another.....	14
Evaluation of Educational Experience	14
Statistical Significance – OCCC, AtD, Other Large Colleges	15
Benchmark Analysis.....	19
Appendices	
Appendix A: OCCC Means 2007 Compared to 2009	29
Appendix B: OCCC Means Compared to AtD	35
Appendix C: OCCC Means Compared to Other Large Colleges.....	41
Appendix D: Part-Time/Full-Time Statistical Significance – AtD Colleges, Other Large Colleges, and CCSSE Cohort.....	47
Appendix E: Special Focus Questions	53

Executive Summary

Methodology

The Community College Survey of Student Engagement (CCSSE) was administered during the weeks of March 29 through April 17 2009. OCCC sent CCSSE the list of full-time and adjunct faculty in the sixteen week classes excluding all developmental courses and courses with less than 10 students. CCSSE returned with labeled packets for 60 of the faculty. Institutional Effectiveness distributed the survey packets to each of the divisions. Faculty were requested to administer the survey during the week of April 6 through April 10. Some faculty administered the survey as soon as they received the packets while a few administered the survey during the week of April 13. Packets were to be returned in the SII boxes. All but one of the faculty members returned their packets. There were 829 students who responded to the survey.

Summary of Results

1. **Demographics** this year were similar in most cases to the demographics from the previous administration in 2007.
 - a. 56% female
 - b. 60% white
 - c. 62% full-time
 - d. 84% English used as a native language
 A few differences
 - e. 40% started college elsewhere in 2009 compared to 61% in 2007
 - f. 5% earned a bachelor's or higher in 2009 compared to 12% in 2007
 - g. 6% are currently taking classes at a 4-year college compared to 16% in 2007
2. **General**
 - a. 46% plan to complete an internship while attending OCCC compared to 34%
 - b. 36% used their own income to pay for their OCCC tuition
 - c. 66% planned to continue at OCCC
 - d. 96% would recommend OCCC to another individual
 - e. 87% of their entire educational experience at this college was excellent or good
3. **Statistical Significance**
 - a. 36 items increased at OCCC from 2007 to 2009
 - b. 5 items decreased at OCCC from 2007 to 2009
 - c. Compared to Achieving the Dream (AtD) colleges, OCCC was above in one item and below in two items
 - d. Compared to Other Large Colleges, OCCC was up in three areas and down in one

**Chart 1
Statistical Significance**

Item	OCCC 2007-2009	AtD	Other Large Colleges
Made a class presentation		↓	↓
Prepared two or more drafts of a paper	↑		
Used the Internet to work on an assignment	↑		
Used email to communicate with an instructor	↑		
Talked about career plans with an instructor or advisor	↑		
Had conversations with students who differ from you	↓		
Memorized facts	↓		
Examinations challenged me to do my best work	↓		
Encourages me to spend time studying	↑		

**Chart 1 (Continued)
Statistical Significance**

Item	OCCC 2007-2009	AtD	Other Large Colleges
Provides support to succeed	↑		
Encourages contact with students from different backgrounds	↑		
Provide the support to thrive socially	↑		
Provides financial support needed to afford an education	↑		
Using computers in academic work	↑		
Hours spent on preparing for class	↓		
These areas contributed to my knowledge, skills, and personal development			
Acquiring a broad general education	↑		
Writing clearly and effectively	↑		
Speaking clearly and effectively	↑		
Thinking critically and analytically	↑		
Solving numerical problems	↑		
Working effectively with others	↑		
Learning effectively on your own	↑		
Understanding yourself	↑		
Developing a personal code of values and ethics	↑		
Contributing to the welfare of your community	↑		
Developing clearer career goals	↑		
Gaining information about career opportunities	↑		
Use of services			
Frequency: Academic advising/planning	↑		
Frequency: Career counseling	↑		
Frequency: Peer or other tutoring	↑		
Frequency: Skill labs (writing, math, etc.)	↑	↑	↑
Frequency: Child care	↑		
Frequency: Financial aid advising	↑		
Frequency: Computer lab		↓	
Frequency: Services to students with disabilities	↑		
Satisfaction: Academic advising/planning	↑		
Satisfaction: Skill labs (writing, math, etc.)			↑
Satisfaction: Financial aid advising	↑		
Importance: Academic advising/planning	↑		
Importance: Peer or other tutoring	↑		
Importance: Skill labs (writing, math, etc.)	↑		↑
Importance: Financial aid advising	↑		
Importance: Computer lab	↑		
Transfer to a 4-year college would cause me to withdraw	↓		

12. **Benchmarks** were measured within active and collaborative learning, student effort, academic challenge, student-faculty interaction and support for learners. Each of these benchmarks was comprised of between six and nine questions. Two of the five areas increased at OCCC including student effort and support for learners. OCCC declined slightly within 3 of the five benchmarks. OCCC benchmarks were the same within four categories compared to the AtD colleges. When comparing OCCC to other large colleges and the total CCSSE cohort, OCCC was above in support for student learners.
13. **Comparison of part-time/full-time students** at OCCC to AtD colleges, Other Large Colleges and the CCSSE Cohort indicate that there were some changes from 2007 to 2009.
 - a. Compared to the AtD colleges three of the items for full-time students were statistically significantly higher including the use, satisfaction and importance of skill labs (writing, math, etc.). OCCC results were statistically significantly lower for the full and part-time students in making a class presentation. Also, full-time students who participated in a community-based project as part of a regular course and the full-time students' use of the computer lab.
 - b. Within the other large colleges there were five questions which were statistically significantly higher including part-time and full-time students' use of the skills labs, full-time students' satisfaction with the skill labs, and full-time and part-time students' level of importance of the skill labs. There were four items which were statistically lower including the part-time and full-time students making a presentation, full-time students working on a community-based project, and the full-time students' total number of credit hours earned at the college.
 - c. Similarly, the same five questions for the other large college student population were also statistically significantly above for the CCSSE cohort including part-time and full-time students' use of the skills labs, full-time students' satisfaction with the skill labs, and full-time and part-time students' level of importance of the skill labs. There were six items which were significantly statistically lower including the part-time and full-time students who made a class presentation, the full-time students who participating in a community-based project, full-time students acquiring job or work related knowledge and skills, full-time students use of the computer lab and total number of credit hours earned at this college.
14. **Special focus questions** were regarding social networking. OCCC students use social networks a little bit more than the AtD, large colleges and CCSSE cohort. Using these tools to communicate with other students and faculty is very similar to the other three populations. OCCC students use the course management system a little bit less than the other three populations. The College communicates through the networks about the same as the other three populations. Finally, students' connectivity with the College is about the same as the other three populations.
15. **Additional questions** were available for the first time this year. A summary follows.
 - a. 83% sometimes or often evaluated their own efforts to attain learning objectives and make changes to improve their performance in a class.
 - b. 68% Success in College and Life course was effective
 - c. 54% developmental courses were very or somewhat helpful in preparing for subsequent courses.
 - d. 72% midterm grade would help to be more successful.
 - e. 2/3 felt they were adequately prepared for the technical aspects of an online course.
 - f. 17% use the library website for coursework at least once a week.
 - g. 83% faculty were extremely or somewhat effective in their teaching.
 - h. Transferring to another college, lacking of finances and full-time work are the top three reasons students would withdraw from class or the college.

- i. The following items include how the OCCC experience greatly improved or somewhat improved the students' knowledge, skill and personal development.
 - o 78% in writing clearly and effectively
 - o 73% in thinking critically and analytically
 - o 64% in solving numerical problems
 - o 62% speaking clearly and effectively
 - o 58% using computers and information technology
 - o 50% understanding people of other cultures

Limitation of the Study

The 2007 CCSSE was administered during Assessment week. This survey was used as a “filler” for students were not taking the college-wide test or the Global Education test. The population was students who completed 35 or more credits. The 2009 population included a sample of all students.

DEMOGRAPHICS

Chart 2 highlights some of the demographics. There are several demographics in which the College is different than the AtD cohort, other large colleges, and the total CCSSE population. These areas include the percent of full-time students and mother/father earning a bachelor's or higher degree.

**Chart 2
Demographics**

	OCCC 2007	OCCC 2009	AtD	Other Large Colleges	All CCSSE
Female	56.0%	56.0%	58.0%	56.7%	58.0%
White, Non-Hispanic	67.0%	60.0%	57.0%	58.1%	58.0%
Full-time Students	60.0%	62.0%	40.0%	69.0%	40.0%
English is native language	90.6%	83.9%	79.8%	84.0%	87.3%
Married	23.8%	20.7%	21.4%	21.0%	23.2%
Children at home	24.3%	25.8%	30.2%	26.0%	30.3%
Taking evening courses	40.1%	35.2%	29.1%	35.0%	29.3%
Started College elsewhere	61.3%	36.9%	31.9%	37.0%	31.7%
Earned a bachelors or higher	12.1%	4.6%	5.7%	5.0%	6.8%
Mother earned a bachelors or higher	32.8%	25.3%	20.0%	9.0%	21.0%
Father earned a bachelors or higher	37.2%	32.2%	22.6%	14.0%	22.2%
Currently taking classes in a 4-year college	16.2%	6.3%	3.9%	6.0%	3.6%
Plan to transfer to a 4-year college	64.6%	63.9%	59.5%	64.0%	50.7%

GENERAL

Interaction with College Offerings

In chart 3 students rated planning to participate in Internships was rated the highest with 46% of the students plan to participate in an internship an increase of 12 percentage points since 2007. There are also more students planning to take remedial courses compared to the students in 2007. The intention of enrolling in honors courses and enrolling in organized learning communities has also risen and is beginning to compare favorably with the other cohorts.

Chart 3
Interaction with College Offerings

		All Students (weighted data ¹)				
		OCCC		AtD	Other Large Colleges	CCSSE Cohort
		Col % 2007	Col % 2009	Col %	Col %	Col %
8. Which of the following have you done, are you doing, or do you plan to do while attending this college?						
a. Internship, field experience, coop experience, or clinical assignment	I plan to do	33.5	45.5	42.4	46.0	41.9
	I have done	12.1	8.4	13.8	8.0	16.6
b. English as a second language course	I plan to do	3.8	6.9	5.4	7.0	5.2
	I have done	5.8	8.8	9.2	9.0	8.7
c. Developmental/ remedial reading course	I plan to do	4.4	8.3	7.0	8.0	8.9
	I have done	8.5	17.2	20.4	17.0	17.5
d. Developmental/ remedial writing course	I plan to do	5.1	9.5	8.7	10.0	11.2
	I have done	12.8	21.3	21.7	21.0	21.1
e. Developmental/ remedial math course	I plan to do	8.4	13.4	13.0	13.0	14.5
	I have done	23.9	31.8	37.6	32.0	30.5
f. Study skills course	I plan to do	9.3	16.9	19.7	17.0	18.4
	I have done	9.2	20.4	13.8	20.0	15.3
g. Honors course	I plan to do	14.8	22.5	24.7	23.0	22.2
	I have done	3.2	2.4	4.9	2.0	4.9

¹ Data was weighted according to the full-time population data from IPEDS.

Chart 3 (Continued)
Interaction with College Offerings

		All Students (weighted data ²)				
		OCCC		AtD	Other Large Colleges	CCSSE Cohort
		Col % 2007	Col % 2009	Col %	Col %	Col %
h. College orientation program or course	I plan to do	6.7	10.9	14.3	11.0	13.3
	I have done	12.7	25.0	25.4	25.0	26.7
i. Organized learning communities (linked courses/study groups led by faculty or counselors)	I plan to do	13.1	22.5	20.8	23.0	18.5
	I have done	5.1	6.6	8.1	7.0	8.8

² Data was weighted according to the full-time population data from IPEDS.

Sources of Tuition

In chart 4 students' primary source of tuition is from their own income/savings which is followed by a parent or spouse/significant other's income/savings and grants and scholarships. The grants and scholarships category increased nine percentage points and is currently comparable to the other cohorts.

Chart 4
Sources of Tuition

		All Students (weighted data)					
		OCCC		AtD	Other Large Colleges	2007 CCSSE Cohort	
		Col % 2007	Col % 2009	Col %	Col %	Col %	
Indicate which of the following are sources you use to pay your tuition at this college? (Please respond to each item)							
a.	My own income/savings	Minor source	27.6	31.8	27.6	32.0	29.0
		Major source	42.1	36.2	41.8	36.0	38.8
b.	Parent or spouse/significant other's income/savings	Minor source	16.5	18.1	18.3	18.0	18.0
		Major source	34.3	29.9	30.8	30.0	28.7
c.	Employer contributions	Minor source	6.5	6.8	8.1	7.0	7.8
		Major source	8.5	5.3	6.7	5.0	7.4
d.	Grants & scholarships	Minor source	10.4	9.2	10.7	9.0	11.9
		Major source	23.5	32.5	32.4	32.0	34.1
e.	Student loans (bank, etc.)	Minor source	8.3	8.2	8.2	8.0	8.3
		Major source	19.0	26.0	15.4	26.0	22.2
f.	Public assistance	Minor source	3.1	4.4	4.9	4.0	5.2
		Major source	3.4	5.9	6.9	6.0	7.1

Plan to Take Classes Again at OCCC

In chart 5 the majority of the students plan to take classes within the next 12 months at OCCC. The responses from OCCC are reflective of the numbers for the other cohorts.

Chart 5
Plan to Take Classes Again at OCCC

		All Students (weighted data)				
		Your College		AtD	Other Large Colleges	2007 CCSSE Cohort
		Col % 2007	Col % 2009	Col %	Col %	Col %
20. When do you plan to take classes at this college again?						
I will accomplish my goals this term and will not be returning		11.7	8.4	12.0	8.0	12.1
I have no current plan to return		8.3	3.6	4.6	4.0	5.3
Within the next 12 months		61.6	66.1	66.4	66.0	65.5
Uncertain		18.3	22.0	17.0	22.0	17.1
Total		100.0	100.0	100.0	100.0	100.0

Would Recommend OCCC to Another

In chart 6 students overwhelmingly indicated that they would recommend the college to a friend or a family member. This percentage is very similar to the other cohorts.

Chart 6
Would Recommend OCCC to Another

	All Students (weighted data)				
	Your College		AtD	Other Large Colleges	2007 CCSSE Cohort
	Col % 2007	Col % 2009	Col %	Col %	Col %
26. Would you recommend this college to a friend or family member?					
Yes	96.0	96.0	95.4	96.0	94.4
No	4.0	4.0	4.6	4.0	5.6
Total	100.0	100.0	100.0	100.0	100.0

Evaluation of Educational Experience

In chart 7 students overwhelmingly indicated that they were satisfied with their experience.

Chart 7
Evaluation of Educational Experience

	All Students (weighted data)				
	Your College		AtD	Other Large Colleges	2007 CCSSE Cohort
	Col % 2007	Col % 2009	Col %	Col %	Col %
27. How would you evaluate your entire educational experience at this college?					
Excellent	33.4	33.7	31.0	29.7	31.2
Good	53.4	55.7	55.3	55.7	55.1
Fair	12.1	9.7	12.5	13.2	12.3
Poor	1.1	0.9	1.2	1.4	1.3
Total	100.0	100.0	100.0	100.0	100.0

OCCC STATISTICAL SIGNIFICANCE

Charts 8 identifies items in the major headings which were statistically significant for the entire population compared to OCCC in 2007, AtD colleges, and other large colleges. There were six major categories with a total of 44 questions reflecting a statistically significant change.

1. College Activities
2. Opinions About Your School
3. Weekly Activities
4. Educational and Personal Growth
5. Student Services
6. Colleges Experiences

Chart 8
OCCC Statistical Significance with OCCC, AtD and Other Large Colleges

Item	OCCC 2007- 2009	AtD	Other Large Colleges
COLLEGE ACTIVITIES			
4. In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? <i>1=Never, 2=Sometimes, 3=Often, 4=Very often</i>			
b. Made a class presentation		↓	↓
c. Prepared two or more drafts of a paper or assignment before turning it in	↑		
j. Used the Internet or instant messaging to work on an assignment	↑		
k. Used email to communicate with an instructor	↑		
m. Talked about career plans with an instructor or advisor	↑		
t. Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values	↓		
5. During the current school year, how much has your coursework <u>at this college</u> emphasized the following mental activities? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>			
a. Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	↓		
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college. <i>1=Extremely easy to 7=Extremely challenging</i>			
	↓		

Chart 8 (Continued)
OCCC Statistical Significance with OCCC, AtD and Other Large Colleges

Item	OCCC 2007- 2009	AtD	Other Large Colleges
OPINIONS ABOUT YOUR SCHOOL			
9. How much does <u>this college</u> emphasize each of the following? 1= <i>Very little</i> , 2= <i>Some</i> , 3= <i>Quite a bit</i> , 4= <i>Very much</i>			
a. Encouraging you to spend significant amounts of time studying	↑		
b. Providing the support you need to help you succeed at this college	↑		
c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	↑		
e. Providing the support you need to thrive socially	↑		
f. Providing the financial support you need to afford your education	↑		
g. Using computers in academic work	↑		
WEEKLY ACTIVITIES			
10. About how many hours do you spend in a typical 7 - day week doing each of the following? 0= <i>None</i> , 1= <i>1-5 hours/week</i> , 2= <i>6-10 hours/week</i> , 3= <i>11-20 hours/week</i> , 4= <i>21-30 hours/week</i> , 5= <i>More than 30 hours/week</i>			
a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	↓		
EDUCATIONAL AND PERSONAL GROWTH			
12. How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in the following areas? 1= <i>Very little</i> , 2= <i>Some</i> , 3= <i>Quite a bit</i> , 4= <i>Very much</i>			
a. Acquiring a broad general education	↑		
c. Writing clearly and effectively	↑		
d. Speaking clearly and effectively	↑		
e. Thinking critically and analytically	↑		
f. Solving numerical problems	↑		
h. Working effectively with others	↑		
i. Learning effectively on your own	↑		
j. Understanding yourself	↑		
l. Developing a personal code of values and ethics	↑		
m. Contributing to the welfare of your community	↑		
n. Developing clearer career goals	↑		
o. Gaining information about career opportunities	↑		

Chart 8 (Continued)
OCCC Statistical Significance with OCCC, AtD and Other Large Colleges

Item	OCCC 2007- 2009	AtD	Other Large Colleges
STUDENT SERVICES			
13.1 How often do you use the following services? 0=Don't know/N.A, 1=Rarely/never, 2=Sometimes, 3=Often			
a. Frequency: Academic advising/planning	↑		
b. Frequency: Career counseling	↑		
d. Frequency: Peer or other tutoring	↑		
e. Frequency: Skill labs (writing, math, etc.)	↑	↑	↑
f. Frequency: Child care	↑		
g. Frequency: Financial aid advising	↑		
h. Frequency: Computer lab		↓	
k. Frequency: Services to students with disabilities	↑		
13.2 How satisfied are you with the services? 0=N.A., 1=Not at all, 2=Somewhat, 3=Very			
a. Satisfaction: Academic advising/planning	↑		
e. Satisfaction: Skill labs (writing, math, etc.)			↑
g. Satisfaction: Financial aid advising	↑		
13.3 How important are the services to you? 1=Not at all, 2=Somewhat, 3=Very			
a. Importance: Academic advising/planning	↑		
d. Importance: Peer or other tutoring	↑		
e. Importance: Skill labs (writing, math, etc.)	↑		↑
g. Importance: Financial aid advising	↑		
h. Importance: Computer lab	↑		
COLLEGE EXPERIENCES			
14. How likely is it that the following issues would cause you to withdraw from class or <u>from this college</u> ? 1=Not likely, 2=Somewhat likely, 3=Likely, 4=Very likely			
e. Transfer to a 4-year college or university	↓		

Benchmark Analysis

As part of the CCSSE evaluation of results, benchmarks have been developed for five major areas including active and collaborative learning, student effort, academic challenge, student-faculty interaction and support for learners. The OCCC results indicate that the overall ratings of students were less than the other large community colleges and the overall CCSSE cohort. Six to 10 questions address these five major areas.

Summary of the data:

1. Overall
 - a. Internally, we increased in our Student Efforts and Support for Learners
 - b. Generally we are about the same as the AtD cohort except for Student-Faculty Interaction in which we were slightly lower
 - c. We were below the large colleges and total CCSSE cohort in all areas but Support for Learners
2. Active and Collaborative Learning
 - a. Making a class presentation is down compared to the other cohorts
 - b. Internally, we were pretty flat
3. Student Effort
 - a. Internally we are up significantly on preparing drafts for papers, use of peer tutoring and use of the skill labs. We are down in preparing for class
 - b. We are above all three areas (AtD, large colleges, CCSSE cohort) in use of the skill labs but down compared to the use of the computer lab compared to the AtD cohort
4. Academic Challenge
 - a. Internally we increased in encouraging students to spend significant amount of time studying but decreased in exams challenging students to do their best work
5. Student Faculty Interaction
 - a. Internally we are up in two areas -- used mail to communicate with instructors and talked about career plans with an instructor or advisor
6. Support for Learners
 - a. Internally we increased significantly in five of the seven areas including providing support you need to help you succeed at this college, encouraging student contact with others, providing support you need to thrive socially, providing financial support to afford your education, and use of academic advising/planning.

CCSSE Benchmark Information
Chart 9
Benchmark Summary Table

Benchmark	OCCC 2007		OCCC 2009	AtD Cohort 2009	Large Colleges 2009	CCSSE Cohort 2009
Active and Collaborative Learning	45.4	Score	45.2	45.2	49.2	50.0
		Score Difference	-0.2	--	-4.0	-4.8
Student Effort	45.2	Score	49.4	49.4	49.5	50.0
		Score Difference	+4.2	--	-0.1	-0.6
Academic Challenge	47.6	Score	47.1	47.1	49.5	50.0
		Score Difference	-0.5	--	-2.4	-2.9
Student-Faculty Interaction	48.3	Score	47.6	48.6	49.6	50.0
		Score Difference	-0.7	-1.0	-3.0	-2.4
Support for Learners	45.1	Score	50.5	50.5	49.2	50.0
		Score Difference	+5.4	--	+1.3	+0.5
		Number of Colleges	1	34	112	663

Chart 10
Active and Collaborative Learning

	Benchmark Scores				
	OCCC 2007	OCCC 2009	AtD Cohort	Large Colleges	CCSSSE Cohort
All Students	45.4	45.2	45.2	49.2	50.0

4 In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? <i>1=Never, 2=Sometimes, 3=Often, 4=Very often</i>									
	OCCC Mean 2007	OCCC Mean 2009	Above/ Below Mean	AtD Cohort	Above/ Below Mean	Large Colleges Mean	Above/ Below Mean	CCSSE Mean	Above/ Below Mean
a. Asked questions in class or contributed to class discussions	2.79	2.79		2.89		2.88		2.91	
b. Made a class presentation	1.75	1.77		2.05	⬇	2.04	⬇	2.05	⬇
f. Worked with other students on projects during class	2.31	2.40		2.44		2.45		2.47	
g. Worked with classmates outside of class to prepare class assignments	1.84	1.81		1.87		1.84		1.87	
h. Tutored or taught other students (paid or voluntary)	1.38	1.39		1.37		1.37		1.37	
i. Participated in a community-based project as a part of a regular course	1.22	1.23		1.28		1.30		1.31	
r. Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)	2.55	2.52		2.55		2.55		2.56	

**Chart 11
Student Effort**

	Benchmark Scores				
	OCCC 2007	OCCC 2009	AtD Cohort	Large Colleges	CCSSSE Cohort
All Students	45.2	49.4	49.6	49.5	50.0

	OCCC Mean 2007	OCCC Mean 2009	Above/ Below Mean	AtD Cohort	Above/ Below Mean	Large Colleges Mean	Above/ Below Mean	CCSSE Mean	Above/ Below Mean
4 In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often									
c. Prepared two or more drafts of a paper or assignment before turning it in	2.25	2.42	⬆️	2.46		2.47		2.47	
d. Worked on a paper or project that required integrating ideas or information from various sources	2.51	2.62		2.72		2.73		2.72	
e. Came to class without completing readings or assignments	1.94	1.88		1.87		1.88		1.86	
6 During the current school year, about how much reading and writing have you done <u>at this college</u> ? 1=None, 2=Between 1 and 4, 3=Between 5 and 10, 4=Between 11 and 20, 5=More than 20									
b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.13	2.11		2.08		2.11		2.09	
10 About how many hours do you spend in a typical 7 - day week doing each of the following? 0=None, 1=1-5 hours/week, 2=6-10 hours/week, 3=11-20 hours/week, 4=21-30 hours/week, 5=More than 30 hours/week									
a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	1.99	1.85	⬇️	1.85		1.89		1.92	
13 How often do you use the following services? 0=Don't know/N.A, 1=Rarely/never, 2=Sometimes, 3=Often									
d. Frequency: Peer or other tutoring	1.37	1.53	⬆️	1.49		1.46		1.46	
e. Frequency: Skill labs (writing, math, etc.)	1.74	1.90	⬆️	1.73	⬆️	1.68	⬆️	1.71	⬆️
h. Frequency: Computer lab	1.88	1.95		2.11	⬇️	2.07		2.10	

**Chart 12
Academic Challenge**

	Benchmark Scores				
	OCCC 2007	OCCC 2009	AtD Cohort	Large Colleges	CCSSE Cohort
All Students	47.6	47.1	49.4	49.6	50.0

	OCCC Mean 2007	OCCC Mean 2009	Above/ Below Mean	AtD Cohort	Above/ Below Mean	Large Colleges Mean	Above/ Below Mean	CCSSE Mean	Above/ Below Mean
4	In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? <i>1=Never, 2=Sometimes, 3=Often, 4=Very often</i>								
p.	Worked harder than you thought you could to meet an instructor's standards or expectations		2.40	2.44	2.56	2.53	2.54		
5	During the current school year, how much has your coursework <u>at this college</u> emphasized the following mental activities? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>								
b.	Analyzing the basic elements of an idea, experience, or theory		2.83	2.79	2.87	2.87	2.85		
c.	Synthesizing and organizing ideas, information, or experiences in new ways		2.64	2.63	2.73	2.72	2.72		
d.	Making judgments about the value or soundness of information, arguments, or methods		2.47	2.50	2.58	2.56	2.56		
e.	Applying theories or concepts to practical problems or in new situations		2.60	2.56	2.65	2.65	2.66		
f.	Using information you have read or heard to perform a new skill		2.69	2.71	2.76	2.74	2.76		

Chart 12
Academic Challenge (Continued)

	OCCC Mean 2007	OCCC Mean 2009	Above/ Below Mean	AtD Cohort	Above/ Below Mean	Large Colleges Mean	Above/ Below Mean	CCSSE Mean	Above/ Below Mean
6 During the current school year, about how much reading and writing have you done <u>at this college</u> ? <i>1=None, 2=Between 1 and 4, 3=Between 5 and 10, 4=Between 11 and 20, 5=More than 20</i>									
a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	2.73	2.76		2.82		2.85		2.86	
c. Number of written papers or reports of any length	2.65	2.80		2.79		2.83		2.83	
7 Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college. <i>1=Extremely easy to 7=Extremely challenging</i>	5.06	4.86	⓪	4.95		4.95		4.99	
9 How much does <u>this college</u> emphasize each of the following? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>									
a. Encouraging you to spend significant amounts of time studying	2.88	2.98	⓪	2.96		2.95		2.97	

Chart 13
Student-Faculty Interaction

	Benchmark Scores				
	OCCC 2007	OCCC 2009	AtD Cohort	Large Colleges	CCSSSE Cohort
All Students	48.3	47.6	48.5	49.2	50.0

	OCCC Mean 2007	OCCC Mean 2009	Above/ Below Mean	AtD Mean	Above/ Below Mean	Large Colleges Mean	Above/ Below Mean	CCSSE Mean	Above/ Below Mean
4 In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? <i>1=Never, 2=Sometimes, 3=Often, 4=Very often</i>									
k. Used email to communicate with an instructor	2.49	2.61	ⓘ	2.60		2.60		2.59	
l. Discussed grades or assignments with an instructor	2.53	2.45		2.50		2.50		2.52	
m. Talked about career plans with an instructor or advisor	1.84	1.93	ⓘ	1.96		1.99		2.03	
n. Discussed ideas from your readings or classes with instructors outside of class	1.70	1.71		1.70		1.71		1.74	
o. Received prompt feedback (written or oral) from instructors on your performance	2.57	2.57		2.62		2.65		2.66	
q. Worked with instructors on activities other than coursework	1.30	1.34		1.38		1.39		1.41	

**Chart 14
Support for Learners**

	Benchmark Scores				
	OCCC 2007	OCCC 2009	AtD	Large Colleges	CCSSSE Cohort
All Students	45.1	50.5	50.5	49.2	50.0

	OCCC Mean 2007	OCCC Mean 2009	Above/ Below Mean	AtD Mean	Above/ Below Mean	Large Colleges Mean	Above/ Below Mean	CCSSE Mean	Above/ Below Mean
9 How much does <u>this college</u> emphasize each of the following? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>									
b. Providing the support you need to help you succeed at this college	2.89	3.03	ⓘ	2.99		2.95		2.97	
c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.35	2.54	ⓘ	2.53		2.52		2.49	
d. Helping you cope with your non-academic responsibilities (work, family, etc.)	1.82	1.98		1.97		1.93		1.94	
e. Providing the support you need to thrive socially	1.97	2.20	ⓘ	2.19		2.13		2.14	
f. Providing the financial support you need to afford your education	2.19	2.39	ⓘ	2.43		2.36		2.43	
13 How often do you use the following services? <i>0=Don't know/N.A., 1=Rarely/never, 2=Sometimes, 3=Often</i>									
a. Frequency: Academic advising/planning	1.57	1.70	ⓘ	1.72		1.74		1.76	
b. Frequency: Career counseling	1.30	1.40		1.46		1.43		1.43	

Appendices

Appendix A
Chart 15
OCCC Means 2007 Compared to 2009

Item	Mean	Mean	Sig ³	Effect Size ⁴
	All Students N = 1014	All Other Large N = 67486		
COLLEGE ACTIVITIES				
Academic, Intellectual and Social Experiences				
4. In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often				
a. Asked questions in class or contributed to class discussions	2.79	2.79		
b. Made a class presentation	1.75	1.77		
c. Prepared two or more drafts of a paper or assignment before turning it in	2.25	2.42	*	0.17
d. Worked on a paper or project that required integrating ideas or information from various sources	2.51	2.62		
e. Came to class without completing readings or assignments	1.94	1.88		
f. Worked with other students on projects during class	2.31	2.40		
g. Worked with classmates outside of class to prepare class assignments	1.84	1.81		
h. Tutored or taught other students (paid or voluntary)	1.38	1.39		
i. Participated in a community-based project as a part of a regular course	1.22	1.23		
j. Used the Internet or instant messaging to work on an assignment	2.69	2.90	*	0.21
k. Used email to communicate with an instructor	2.49	2.61	*	0.12
l. Discussed grades or assignments with an instructor	2.53	2.45		
m. Talked about career plans with an instructor or advisor	1.84	1.93	*	0.09
n. Discussed ideas from your readings or classes with instructors outside of class	1.70	1.71		
o. Received prompt feedback (written or oral) from instructors on your performance	2.57	2.57		
p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.40	2.44		
q. Worked with instructors on activities other than coursework	1.30	1.34		

³ Mean differences that are significant at the $p < .001$ and have an effect size greater than or equal to 0.2.

⁴ The effect size represents the magnitude of the discrepancy in the student or institutional behavior represented by the item.

Item	Mean	Mean	Sig	Effect Size
r. Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)	2.55	2.52		
s. Had serious conversations with students of a different race or ethnicity than your own	2.42	2.39		
t. Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values	2.40	2.29	*	-0.11
u. Skipped class	1.64	1.64		
Character of Mental Activities				
5. During the current school year, how much has your coursework <u>at this college</u> emphasized the following mental activities? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>				
a. Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	2.93	2.87	*	-0.06
b. Analyzing the basic elements of an idea, experience, or theory	2.83	2.79		
c. Synthesizing and organizing ideas, information, or experiences in new ways	2.64	2.63		
d. Making judgments about the value or soundness of information, arguments, or methods	2.47	2.50		
e. Applying theories or concepts to practical problems or in new situations	2.60	2.56		
f. Using information you have read or heard to perform a new skill	2.69	2.71		
COLLEGE ACTIVITIES				
Reading and Writing				
6. During the current school year, about how much reading and writing have you done <u>at this college</u> ? <i>1=None, 2=Between 1 and 4, 3=Between 5 and 10, 4=Between 11 and 20, 5=More than 20</i>				
a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	2.73	2.76		
b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.13	2.11		
c. Number of written papers or reports of any length	2.65	2.80		
Nature of Exams <i>1=Extremely easy to 7=Extremely challenging</i>				
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college. <i>1=Extremely easy to 7=Extremely challenging</i>	5.06	4.86	*	-0.20

Item	Mean	Mean	Sig	Effect Size
OPINIONS ABOUT YOUR SCHOOL				
Institutional Emphasis				
9. How much does <u>this college</u> emphasize each of the following? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>				
a. Encouraging you to spend significant amounts of time studying	2.88	2.98	*	0.10
b. Providing the support you need to help you succeed at this college	2.89	3.03	*	0.14
c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.35	2.54	*	0.19
d. Helping you cope with your non-academic responsibilities (work, family, etc.)	1.82	1.98		
e. Providing the support you need to thrive socially	1.97	2.20	*	0.23
f. Providing the financial support you need to afford your education	2.19	2.39	*	0.20
g. Using computers in academic work	2.96	3.11	*	0.15
WEEKLY ACTIVITIES				
10. About how many hours do you spend in a typical 7 - day week doing each of the following? <i>0=None, 1=1-5 hours/week, 2=6-10 hours/week, 3=11-20 hours/week, 4=21-30 hours/week, 5=More than 30 hours/week</i>				
a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	1.99	1.85	*	-0.14
b. Working for pay	3.34	3.40		
c. Participating in college-sponsored activities (organizations, campus publications, student government, intercollegiate or intramural sports, etc.)	0.30	0.24		
d. Providing care for dependents living with you (parents, children, spouse, etc.)	1.55	1.69		
e. Commuting to and from classes	1.29	1.21		
Quality of Relationships				
11. Mark the box that best represents the quality of your relationships with people <u>at this college</u> . <i>1=Unfriendly, unsupportive, sense of alienation to 7=Friendly, supportive, sense of belonging</i>				
a. Relationships with other students	5.38	5.35		
b. Relationships with instructors	5.62	5.65		
c. Relationships with administrative personnel and offices	4.82	4.88		

Item	Mean	Mean	Sig	Effect Size
EDUCATIONAL AND PERSONAL GROWTH				
Knowledge, Skills & Personal Development				
12. How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in the following areas? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much				
a. Acquiring a broad general education	2.79	2.95	*	0.16
b. Acquiring job or work-related knowledge and skills	2.34	2.43		
c. Writing clearly and effectively	2.37	2.74	*	0.37
d. Speaking clearly and effectively	2.24	2.59	*	0.35
e. Thinking critically and analytically	2.70	2.83	*	0.13
f. Solving numerical problems	2.48	2.62	*	0.14
g. Using computing and information technology	2.43	2.66		
h. Working effectively with others	2.48	2.65	*	0.20
i. Learning effectively on your own	2.75	2.86	*	0.11
j. Understanding yourself	2.28	2.58	*	0.30
k. Understanding people of other racial and ethnic backgrounds	2.12	2.41		
l. Developing a personal code of values and ethics	2.07	2.33	*	0.26
m. Contributing to the welfare of your community	1.80	2.05	*	0.25
n. Developing clearer career goals	2.37	2.69	*	0.32
o. Gaining information about career opportunities	2.21	2.51	*	0.30
STUDENT SERVICES				
13.1 How often do you use the following services? 0=Don't know/N.A., 1=Rarely/never, 2=Sometimes, 3=Often				
a. Frequency: Academic advising/planning	1.57	1.70	*	0.13
b. Frequency: Career counseling	1.30	1.40	*	0.10
c. Frequency: Job placement assistance	1.16	1.22		
d. Frequency: Peer or other tutoring	1.37	1.53	*	0.16
e. Frequency: Skill labs (writing, math, etc.)	1.74	1.90	*	0.16
f. Frequency: Child care	1.09	1.16	*	0.07
g. Frequency: Financial aid advising	1.66	1.83	*	0.17
h. Frequency: Computer lab	1.88	1.95		
i. Frequency: Student organizations	1.24	1.31		
j. Frequency: Transfer credit assistance	1.58	1.51		
k. Frequency: Services to students with disabilities	1.16	1.27	*	0.11

Item	Mean	Mean	Sig	Effect Size
STUDENT SERVICES				
13.2 How satisfied are you with the services? 0=N.A., 1=Not at all, 2=Somewhat, 3=Very				
a. Satisfaction: Academic advising/planning	2.15	2.24	*	0.09
b. Satisfaction: Career counseling	1.98	2.07		
c. Satisfaction: Job placement assistance	1.77	1.92		
d. Satisfaction: Peer or other tutoring	2.19	2.23		
e. Satisfaction: Skill labs (writing, math, etc.)	2.41	2.40		
f. Satisfaction: Child care	1.75	1.85		
g. Satisfaction: Financial aid advising	2.09	2.28	*	0.27
h. Satisfaction: Computer lab	2.53	2.52		
i. Satisfaction: Student organizations	1.96	2.07		
j. Satisfaction: Transfer credit assistance	2.16	2.17		
k. Satisfaction: Services to students with disabilities	1.91	2.09		
STUDENT SERVICES				
13.3 How important are the services to you? 1=Not at all, 2=Somewhat, 3=Very				
a. Importance: Academic advising/planning	2.40	2.52	*	0.12
b. Importance: Career counseling	2.15	2.26		
c. Importance: Job placement assistance	1.88	1.96		
d. Importance: Peer or other tutoring	2.03	2.13	*	0.10
e. Importance: Skill labs (writing, math, etc.)	2.30	2.38	*	0.08
f. Importance: Child care	1.70	1.73		
g. Importance: Financial aid advising	2.27	2.39	*	0.12
h. Importance: Computer lab	2.32	2.41	*	0.09
i. Importance: Student organizations	1.78	1.83		
j. Importance: Transfer credit assistance	2.34	2.25		
k. Importance: Services to students with disabilities	1.97	2.04		
COLLEGE EXPERIENCES				
14. How likely is it that the following issues would cause you to withdraw from class or <u>from this college</u> ? 1=Not likely, 2=Somewhat likely, 3=Likely, 4=Very likely				
a. Working full-time	2.23	2.26		
b. Caring for dependents	1.89	1.94		
c. Academically unprepared	1.81	1.76		
d. Lack of finances	2.40	2.37		
e. Transfer to a 4-year college or university	2.83	2.59	*	-0.24
15. How supportive are your friends of your attending this college? 1=Not very, 2=Somewhat, 3=Quite a bit, 4=Extremely				
	3.20	3.29		

	Item	Mean	Mean	Sig	Effect Size
16.	How supportive is your immediate family of your attending this college? 1=Not very, 2=Somewhat, 3=Quite a bit, 4=Extremely	3.48	3.52		
27.	How would you evaluate your entire educational experience at this college? 1=Poor, 2=Fair, 3=Good, 4=Excellent	3.19	3.22		

Appendix B
Chart 16
OCCC Means Compared to AtD Colleges

Item	Mean	Mean	Sig ⁵	Effect Size ⁶
	All Students N = 1014	All Other Large N = 67486		
COLLEGE ACTIVITIES				
Academic, Intellectual and Social Experiences				
4. In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often				
a. Asked questions in class or contributed to class discussions	2.79	2.89		
b. Made a class presentation	1.77	2.05	*	-0.31
c. Prepared two or more drafts of a paper or assignment before turning it in	2.42	2.46		
d. Worked on a paper or project that required integrating ideas or information from various sources	2.62	2.72		
e. Came to class without completing readings or assignments	1.88	1.87		
f. Worked with other students on projects during class	2.40	2.44		
g. Worked with classmates outside of class to prepare class assignments	1.81	1.87		
h. Tutored or taught other students (paid or voluntary)	1.39	1.37		
i. Participated in a community-based project as a part of a regular course	1.23	1.28		
j. Used the Internet or instant messaging to work on an assignment	2.90	2.87		
k. Used email to communicate with an instructor	2.61	2.60		
l. Discussed grades or assignments with an instructor	2.45	2.50		
m. Talked about career plans with an instructor or advisor	1.93	1.96		
n. Discussed ideas from your readings or classes with instructors outside of class	1.71	1.70		
o. Received prompt feedback (written or oral) from instructors on your performance	2.57	2.62		
p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.44	2.56		
q. Worked with instructors on activities other than coursework	1.34	1.38		

⁵ Mean differences that are significant at the $p < .001$ and have an effect size greater than or equal to 0.2.

⁶ The effect size represents the magnitude of the discrepancy in the student or institutional behavior represented by the item.

Item	Mean	Mean	Sig	Effect Size
r. Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)	2.52	2.55		
s. Had serious conversations with students of a different race or ethnicity than your own	2.39	2.45		
t. Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values	2.29	2.36		
u. Skipped class	1.64	1.57		
Character of Mental Activities				
5. During the current school year, how much has your coursework <u>at this college</u> emphasized the following mental activities? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>				
a. Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	2.87	2.84		
b. Analyzing the basic elements of an idea, experience, or theory	2.79	2.87		
c. Synthesizing and organizing ideas, information, or experiences in new ways	2.63	2.73		
d. Making judgments about the value or soundness of information, arguments, or methods	2.50	2.58		
e. Applying theories or concepts to practical problems or in new situations	2.56	2.65		
f. Using information you have read or heard to perform a new skill	2.71	2.76		
COLLEGE ACTIVITIES				
Reading and Writing				
6. During the current school year, about how much reading and writing have you done <u>at this college</u> ? <i>1=None, 2=Between 1 and 4, 3=Between 5 and 10, 4=Between 11 and 20, 5=More than 20</i>				
a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	2.76	2.82		
b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.11	2.08		
c. Number of written papers or reports of any length	2.80	2.79		
Nature of Exams <i>1=Extremely easy to 7=Extremely challenging</i>				
7. Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college. <i>1=Extremely easy to 7=Extremely challenging</i>	4.86	4.95		

Item	Mean	Mean	Sig	Effect Size
OPINIONS ABOUT YOUR SCHOOL				
Institutional Emphasis				
9.	How much does <u>this college</u> emphasize each of the following? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>			
a.	Encouraging you to spend significant amounts of time studying	2.98	2.96	
b.	Providing the support you need to help you succeed at this college	3.03	2.99	
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.54	2.53	
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	1.98	1.97	
e.	Providing the support you need to thrive socially	2.20	2.19	
f.	Providing the financial support you need to afford your education	2.39	2.43	
g.	Using computers in academic work	3.11	3.15	
WEEKLY ACTIVITIES				
10.	About how many hours do you spend in a typical 7 - day week doing each of the following? <i>0=None, 1=1-5 hours/week, 2=6-10 hours/week, 3=11-20 hours/week, 4=21-30 hours/week, 5=More than 30 hours/week</i>			
a.	Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	1.85	1.85	
b.	Working for pay	3.40	3.14	
c.	Participating in college-sponsored activities (organizations, campus publications, student government, intercollegiate or intramural sports, etc.)	0.24	0.24	
d.	Providing care for dependents living with you (parents, children, spouse, etc.)	1.69	1.79	
e.	Commuting to and from classes	1.21	1.30	
Quality of Relationships				
11.	Mark the box that best represents the quality of your relationships with people <u>at this college</u> . <i>1=Unfriendly, unsupportive, sense of alienation to 7=Friendly, supportive, sense of belonging</i>			
a.	Relationships with other students	5.35	5.48	
b.	Relationships with instructors	5.65	5.68	
c.	Relationships with administrative personnel and offices	4.88	4.91	

Item	Mean	Mean	Sig	Effect Size
EDUCATIONAL AND PERSONAL GROWTH				
Knowledge, Skills & Personal Development				
12. How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in the following areas? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much				
a. Acquiring a broad general education	2.95	3.00		
b. Acquiring job or work-related knowledge and skills	2.43	2.50		
c. Writing clearly and effectively	2.74	2.74		
d. Speaking clearly and effectively	2.59	2.65		
e. Thinking critically and analytically	2.83	2.93		
f. Solving numerical problems	2.62	2.65		
g. Using computing and information technology	2.66	2.77		
h. Working effectively with others	2.65	2.75		
i. Learning effectively on your own	2.86	2.93		
j. Understanding yourself	2.58	2.65		
k. Understanding people of other racial and ethnic backgrounds	2.41	2.42		
l. Developing a personal code of values and ethics	2.33	2.40		
m. Contributing to the welfare of your community	2.05	2.01		
n. Developing clearer career goals	2.69	2.69		
o. Gaining information about career opportunities	2.51	2.55		
STUDENT SERVICES				
13.1 How often do you use the following services? 0=Don't know/N.A, 1=Rarely/never, 2=Sometimes, 3=Often				
a. Frequency: Academic advising/planning	1.70	1.72		
b. Frequency: Career counseling	1.40	1.46		
c. Frequency: Job placement assistance	1.22	1.22		
d. Frequency: Peer or other tutoring	1.53	1.49		
e. Frequency: Skill labs (writing, math, etc.)	1.90	1.73	*	0.21
f. Frequency: Child care	1.16	1.17		
g. Frequency: Financial aid advising	1.83	1.79		
h. Frequency: Computer lab	1.95	2.11	*	-0.20
i. Frequency: Student organizations	1.31	1.34		
j. Frequency: Transfer credit assistance	1.51	1.54		
k. Frequency: Services to students with disabilities	1.27	1.26		

Item	Mean	Mean	Sig	Effect Size
STUDENT SERVICES				
13.2 How satisfied are you with the services? 0=N.A., 1=Not at all, 2=Somewhat, 3=Very				
a. Satisfaction: Academic advising/planning	2.24	2.19		
b. Satisfaction: Career counseling	2.07	2.07		
c. Satisfaction: Job placement assistance	1.92	1.80		
d. Satisfaction: Peer or other tutoring	2.23	2.19		
e. Satisfaction: Skill labs (writing, math, etc.)	2.40	2.28		
f. Satisfaction: Child care	1.85	1.79		
g. Satisfaction: Financial aid advising	2.28	2.19		
h. Satisfaction: Computer lab	2.52	2.51		
i. Satisfaction: Student organizations	2.07	1.97		
j. Satisfaction: Transfer credit assistance	2.17	2.08		
k. Satisfaction: Services to students with disabilities	2.09	2.00		
STUDENT SERVICES				
13.3 How important are the services to you? 1=Not at all, 2=Somewhat, 3=Very				
a. Importance: Academic advising/planning	2.52	2.55		
b. Importance: Career counseling	2.26	2.36		
c. Importance: Job placement assistance	1.96	2.04		
d. Importance: Peer or other tutoring	2.13	2.17		
e. Importance: Skill labs (writing, math, etc.)	2.38	2.23		
f. Importance: Child care	1.73	1.75		
g. Importance: Financial aid advising	2.39	2.42		
h. Importance: Computer lab	2.41	2.47		
i. Importance: Student organizations	1.83	1.85		
j. Importance: Transfer credit assistance	2.25	2.29		
k. Importance: Services to students with disabilities	2.04	2.04		
COLLEGE EXPERIENCES				
14. How likely is it that the following issues would cause you to withdraw from class or <u>from this college</u> ? 1=Not likely, 2=Somewhat likely, 3=Likely, 4=Very likely				
a. Working full-time	2.26	2.19		
b. Caring for dependents	1.94	1.92		
c. Academically unprepared	1.76	1.71		
d. Lack of finances	2.37	2.47		
e. Transfer to a 4-year college or university	2.59	2.60		
15. How supportive are your friends of your attending this college? 1=Not very, 2=Somewhat, 3=Quite a bit, 4=Extremely	3.29	3.25		

	Item	Mean	Mean	Sig	Effect Size
16.	How supportive is your immediate family of your attending this college? 1=Not very, 2=Somewhat, 3=Quite a bit, 4=Extremely	3.52	3.53		
27.	How would you evaluate your entire educational experience at this college? 1=Poor, 2=Fair, 3=Good, 4=Excellent	3.22	3.16		

Appendix C
Chart 17
OSCC Means Compared to Other Large Colleges

Item	Mean	Mean	Sig ⁷	Effect Size ⁸
	All Students N = 1014	All Other Large N = 67486		
COLLEGE ACTIVITIES				
Academic, Intellectual and Social Experiences				
4. In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often				
a. Asked questions in class or contributed to class discussions	2.79	2.88		
b. Made a class presentation	1.77	2.04	*	-0.30
c. Prepared two or more drafts of a paper or assignment before turning it in	2.42	2.47		
d. Worked on a paper or project that required integrating ideas or information from various sources	2.62	2.73		
e. Came to class without completing readings or assignments	1.88	1.88		
f. Worked with other students on projects during class	2.40	2.45		
g. Worked with classmates outside of class to prepare class assignments	1.81	1.84		
h. Tutored or taught other students (paid or voluntary)	1.39	1.37		
i. Participated in a community-based project as a part of a regular course	1.23	1.30		
j. Used the Internet or instant messaging to work on an assignment	2.90	2.86		
k. Used email to communicate with an instructor	2.61	2.60		
l. Discussed grades or assignments with an instructor	2.45	2.50		
m. Talked about career plans with an instructor or advisor	1.93	1.99		
n. Discussed ideas from your readings or classes with instructors outside of class	1.71	1.71		
o. Received prompt feedback (written or oral) from instructors on your performance	2.57	2.65		
p. Worked harder than you thought you could to meet an instructor's standards or expectations	2.44	2.53		
q. Worked with instructors on activities other than coursework	1.34	1.39		

⁷ Mean differences that are significant at the $p < .001$ and have an effect size greater than or equal to 0.2.

⁸ The effect size represents the magnitude of the discrepancy in the student or institutional behavior represented by the item.

	Item	Mean	Mean	Sig	Effect Size
	r. Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)	2.52	2.55		
	s. Had serious conversations with students of a different race or ethnicity than your own	2.39	2.46		
	t. Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values	2.29	2.38		
	u. Skipped class	1.64	1.59		
Character of Mental Activities					
5.	During the current school year, how much has your coursework <u>at this college</u> emphasized the following mental activities? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>				
	a. Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	2.87	2.82		
	b. Analyzing the basic elements of an idea, experience, or theory	2.79	2.87		
	c. Synthesizing and organizing ideas, information, or experiences in new ways	2.63	2.72		
	d. Making judgments about the value or soundness of information, arguments, or methods	2.50	2.56		
	e. Applying theories or concepts to practical problems or in new situations	2.56	2.65		
	f. Using information you have read or heard to perform a new skill	2.71	2.74		
COLLEGE ACTIVITIES					
Reading and Writing					
6.	During the current school year, about how much reading and writing have you done <u>at this college</u> ? <i>1=None, 2=Between 1 and 4, 3=Between 5 and 10, 4=Between 11 and 20, 5=More than 20</i>				
	a. Number of assigned textbooks, manuals, books, or book-length packs of course readings	2.76	2.85		
	b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	2.11	2.11		
	c. Number of written papers or reports of any length	2.80	2.83		
Nature of Exams <i>1=Extremely easy to 7=Extremely challenging</i>					
7.	Mark the box that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college. <i>1=Extremely easy to 7=Extremely challenging</i>				
		4.86	4.95		

Item	Mean	Mean	Sig	Effect Size
OPINIONS ABOUT YOUR SCHOOL				
Institutional Emphasis				
9.	How much does <u>this college</u> emphasize each of the following? <i>1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>			
a.	Encouraging you to spend significant amounts of time studying	2.98	2.95	
b.	Providing the support you need to help you succeed at this college	3.03	2.95	
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	2.54	2.52	
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	1.98	1.93	
e.	Providing the support you need to thrive socially	2.20	2.13	
f.	Providing the financial support you need to afford your education	2.39	2.36	
g.	Using computers in academic work	3.11	3.11	
WEEKLY ACTIVITIES				
10.	About how many hours do you spend in a typical 7 - day week doing each of the following? <i>0=None, 1=1-5 hours/week, 2=6-10 hours/week, 3=11-20 hours/week, 4=21-30 hours/week, 5=More than 30 hours/week</i>			
a.	Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activities related to your program)	1.85	1.89	
b.	Working for pay	3.40	3.16	
c.	Participating in college-sponsored activities (organizations, campus publications, student government, intercollegiate or intramural sports, etc.)	0.24	0.26	
d.	Providing care for dependents living with you (parents, children, spouse, etc.)	1.69	1.65	
e.	Commuting to and from classes	1.21	1.31	
Quality of Relationships				
11.	Mark the box that best represents the quality of your relationships with people <u>at this college</u> . <i>1=Unfriendly, unsupportive, sense of alienation to 7=Friendly, supportive, sense of belonging</i>			
a.	Relationships with other students	5.35	5.40	
b.	Relationships with instructors	5.65	5.63	
c.	Relationships with administrative personnel and offices	4.88	4.86	

Item	Mean	Mean	Sig	Effect Size
EDUCATIONAL AND PERSONAL GROWTH				
Knowledge, Skills & Personal Development				
12.	How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in the following areas? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much			
a.	Acquiring a broad general education	2.95	2.95	
b.	Acquiring job or work-related knowledge and skills	2.43	2.49	
c.	Writing clearly and effectively	2.74	2.69	
d.	Speaking clearly and effectively	2.59	2.60	
e.	Thinking critically and analytically	2.83	2.87	
f.	Solving numerical problems	2.62	2.58	
g.	Using computing and information technology	2.66	2.69	
h.	Working effectively with others	2.65	2.69	
i.	Learning effectively on your own	2.86	2.88	
j.	Understanding yourself	2.58	2.59	
k.	Understanding people of other racial and ethnic backgrounds	2.41	2.40	
l.	Developing a personal code of values and ethics	2.33	2.35	
m.	Contributing to the welfare of your community	2.05	1.98	
n.	Developing clearer career goals	2.69	2.63	
o.	Gaining information about career opportunities	2.51	2.51	
STUDENT SERVICES				
13.1	How often do you use the following services? 0=Don't know/N.A., 1=Rarely/never, 2=Sometimes, 3=Often			
a.	Frequency: Academic advising/planning	1.70	1.74	
b.	Frequency: Career counseling	1.40	1.43	
c.	Frequency: Job placement assistance	1.22	1.23	
d.	Frequency: Peer or other tutoring	1.53	1.46	
e.	Frequency: Skill labs (writing, math, etc.)	1.90	1.68	* 0.28
f.	Frequency: Child care	1.16	1.15	
g.	Frequency: Financial aid advising	1.83	1.76	
h.	Frequency: Computer lab	1.95	2.07	
i.	Frequency: Student organizations	1.31	1.33	
j.	Frequency: Transfer credit assistance	1.51	1.54	
k.	Frequency: Services to students with disabilities	1.27	1.28	

Item	Mean	Mean	Sig	Effect Size
STUDENT SERVICES				
13.2 How satisfied are you with the services? 0=N.A., 1=Not at all, 2=Somewhat, 3=Very				
a. Satisfaction: Academic advising/planning	2.24	2.19		
b. Satisfaction: Career counseling	2.07	2.04		
c. Satisfaction: Job placement assistance	1.92	1.80		
d. Satisfaction: Peer or other tutoring	2.23	2.14		
e. Satisfaction: Skill labs (writing, math, etc.)	2.40	2.25	*	0.23
f. Satisfaction: Child care	1.85	1.76		
g. Satisfaction: Financial aid advising	2.28	2.14		
h. Satisfaction: Computer lab	2.52	2.48		
i. Satisfaction: Student organizations	2.07	1.96		
j. Satisfaction: Transfer credit assistance	2.17	2.05		
k. Satisfaction: Services to students with disabilities	2.09	2.01		
STUDENT SERVICES				
13.3 How important are the services to you? 1=Not at all, 2=Somewhat, 3=Very				
a. Importance: Academic advising/planning	2.52	2.52		
b. Importance: Career counseling	2.26	2.30		
c. Importance: Job placement assistance	1.96	2.03		
d. Importance: Peer or other tutoring	2.13	2.11		
e. Importance: Skill labs (writing, math, etc.)	2.38	2.19	*	0.25
f. Importance: Child care	1.73	1.73		
g. Importance: Financial aid advising	2.39	2.36		
h. Importance: Computer lab	2.41	2.43		
i. Importance: Student organizations	1.83	1.83		
j. Importance: Transfer credit assistance	2.25	2.26		
k. Importance: Services to students with disabilities	2.04	2.03		
COLLEGE EXPERIENCES				
14. How likely is it that the following issues would cause you to withdraw from class or <u>from this college</u> ? 1=Not likely, 2=Somewhat likely, 3=Likely, 4=Very likely				
a. Working full-time	2.26	2.19		
b. Caring for dependents	1.94	1.91		
c. Academically unprepared	1.76	1.70		
d. Lack of finances	2.37	2.42		
e. Transfer to a 4-year college or university	2.59	2.57		
15. How supportive are your friends of your attending this college? 1=Not very, 2=Somewhat, 3=Quite a bit, 4=Extremely	3.29	3.20		

	Item	Mean	Mean	Sig	Effect Size
16.	How supportive is your immediate family of your attending this college? 1=Not very, 2=Somewhat, 3=Quite a bit, 4=Extremely	3.52	3.48		
27.	How would you evaluate your entire educational experience at this college? 1=Poor, 2=Fair, 3=Good, 4=Excellent	3.22	3.14		

Appendix D
Chart 18
Part-time/Full-Time Students
OCCC Statistical Significance with AtD Colleges,
Other Large Colleges and CCSSE Cohort

		AtD	Other Large Colleges	CCSSE Cohort
Item	Class	Sig*	Sig*	Sig*
COLLEGE ACTIVITIES				
4. In your experiences <u>at this college</u> during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often				
b. Made a class presentation	PT	↓	↓	↓
	FT	↓	↓	↓
i. Participated in a community-based project as a part of a regular course	PT			
	FT	↓	↓	↓
EDUCATIONAL AND PERSONAL GROWTH				
12. How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in the following areas? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much				
b. Acquiring job or work-related knowledge and skills	PT			
	FT			↓
STUDENT SERVICES				
13.1 How often do you use the following services? 0=Don't know/N.A., 1=Rarely/never, 2=Sometimes, 3=Often				
e. Frequency: Skill labs (writing, math, etc.)	PT		↑	↑
	FT	↑	↑	↑
h. Frequency: Computer lab	PT			
	FT	↓		↓
13.2 How satisfied are you with the services? 0=N.A., 1=Not at all, 2=Somewhat, 3=Very				
e. Satisfaction: Skill labs (writing, math, etc.)	PT			
	FT	↑	↑	↑
13.3 How important are the services to you? 1=Not at all, 2=Somewhat, 3=Very				
e. Importance: Skill labs (writing, math, etc.)	PT		↑	↑
	FT	↑	↑	↑
COLLEGE EXPERIENCES				
23. How many TOTAL credit hours have you earned at this college, not counting the courses you are currently taking this term? 0=None, 1=1-14 credits, 2=15-29 credits, 3=30-44 credits, 4=45-60 credits, 5= over 60 credits				
	PT			
	FT		↓	↓

Appendix E
Chart 19
Special Focus Questions

How often do you use SOCIAL NETWORKING tools such as Instant Messaging, Text Messaging, MySpace and/or Facebook, Twitter, etc. for any purpose? (Do not include email such as Hotmail, Gmail, etc.)

	OCCC		AtD		Large Colleges		CCSSE Cohort	
	Count	%	Count	%	Count	%	Count	%
Multiple times per day	451	61%	12361	56%	22849	56%	98578	55%
Multiple times per week	173	23%	4964	22%	8924	22%	39333	22%
Multiple times per month	46	6%	1670	8%	2985	7%	12948	7%
Multiple times per year	17	2%	803	4%	1596	4%	6978	4%
Never	56	8%	2403	11%	4640	11%	21321	12%
Total	744	100%	22201	100%	40994	100%	179157	100%

How often do you use SOCIAL NETWORKING tools such as Instant Messaging, Text Messaging, MySpace and/or Facebook, Twitter, etc. to communicate with other students, instructors, or college staff about coursework at this college? (Do not include email such as Hotmail, Gmail, etc.)

	OCCC		AtD		Large Colleges		CCSSE Cohort	
	Count	%	Count	%	Count	%	Count	%
Multiple times per day	116	16%	3163	14%	5735	14%	25411	14%
Multiple times per week	153	21%	4732	21%	8244	20%	36979	21%
Multiple times per month	140	19%	4130	19%	7510	18%	32428	18%
Multiple times per year	81	11%	2285	10%	4255	10%	18197	10%
Never	255	34%	7871	35%	15202	37%	63157	36%
Total	744	100%	22181	100%	40946	100%	176171	100%

How often do you use college COURSE MANAGEMENT systems such as Angel, Blackboard/WebCT/Vista, Desire2Learn, Epsilen, Moodle, etc. to communicate with students, instructors, or staff about coursework at this college?

	OCCC		AtD		Large Colleges		CCSSE Cohort	
	Count	%	Count	%	Count	%	Count	%
Multiple times per day	66	9%	1970	9%	4253	10%	17819	10%
Multiple times per week	174	23%	6388	29%	12856	31%	53037	30%
Multiple times per month	117	16%	3820	17%	7002	17%	29029	16%
Multiple times per year	104	14%	2333	11%	4248	10%	18554	10%
Never	280	38%	7630	34%	12508	31%	60159	34%
Total	742	100%	22140	100%	40868	100%	178598	100%

How often does this college communicate with you about services (such as financial aid, advisors or counselors, library, college book store, tutoring, etc.) using SOCIAL NETWORKING tools such as Instant Messaging, Text Messaging, MySpace and/or Facebook, Twitter, etc.? (Do not include email such as Hotmail, Gmail, etc.)

	OCCC		AtD		Large Colleges		CCSSE Cohort	
	Count	%	Count	%	Count	%	Count	%
Multiple times per day	20	3%	765	3%	1425	3%	6302	4%
Multiple times per week	51	7%	2380	11%	4428	11%	19516	11%
Multiple times per month	148	20%	4281	19%	8121	20%	34955	20%
Multiple times per year	161	22%	3998	18%	7348	18%	33258	19%
Never	360	49%	10702	48%	19452	48%	82449	47%
Total	741	100%	22126	100%	40774	100%	176480	100%

How connected do you feel to this college when using SOCIAL NETWORKING tools such as Instant Messaging, Text Messaging, MySpace and/or Facebook, Twitter, etc.? (Do not include email such as Hotmail, Gmail, etc.)

	OCCC		AtD		Large Colleges		CCSSE Cohort	
	Count	%	Count	%	Count	%	Count	%
Much less connected because of social networking tools	106	15%	2687	12%	4673	12%	20592	12%
Somewhat less connected because of social networking tools	71	10%	2239	10%	3946	10%	16820	10%
Neutral/no effect because of social networking tools	343	47%	10967	50%	20393	50%	88806	50%
Somewhat more connected because of social networking tools	130	18%	3451	16%	6440	16%	28540	16%
Much more connected because of social networking tools	76	10%	2617	12%	4992	12%	21270	12%
Total	725	100%	21961	100%	40444	100%	176027	100%

**Appendix F
Chart 20
OCCC Additional Questions**

1. To what extent have you evaluated your own efforts to attain learning objectives or goals and then made changes in your behaviors to improve your performance in a class?

#	%	
41	6%	Never
83	11%	Rarely
351	49%	Sometimes
249	34%	Often
723	100%	Total

2. If you have taken the Success in College and Life Course, how effective was it in teaching you skills which helped you to be successful in your other classes?

#	%	
102	17%	Extremely Effective
129	22%	Somewhat Effective
172	29%	Effective
78	13%	Somewhat Ineffective
108	18%	Extremely Ineffective
589	100%	Total

3. Do you feel that receiving a midterm grade in your courses would help you to be more successful?

#	%	
508	72%	Yes
194	28%	No
702	100%	Total

4. If you completed any online courses, do you feel that you were adequately prepared for the technical aspects of the course?

#	%	
205	29%	Yes
91	13%	No
412	58%	Did not complete any online courses
708	100%	Total

5. How often do you use the Library or Library website for coursework or research?

#	%	
220	30%	Not at all
264	36%	1-2 times a semester
123	17%	1-2 times a month
74	10%	Once a week
48	7%	More than once a week
729	100%	Total

6. What is the overall teaching effectiveness of the faculty at OCCC?

#	%	

316	43%	Extremely Effective
289	40%	Somewhat Effective
92	13%	Neutral
17	2%	Somewhat Ineffective
17	2%	Extremely Ineffective
731	100%	Total

7. What would be the most likely reason for you to withdraw from class?

#	%	
234	32%	Transfer to a 4-year college or university
178	24%	Lack of finances
64	9%	Caring for dependents
98	14%	Not prepared for college-level work
151	21%	Working full-time
725	100%	Total

8. What would be the most likely reason for you to withdraw from this college?

#	%	
362	50%	Transfer to a 4-year college or university
169	23%	Lack of finances
56	8%	Caring for dependents
43	6%	Not prepared for college-level work
102	14%	Working full-time
730	100%	Total

9. How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in writing clearly and effectively?

#	%	
226	31%	Greatly improved
340	47%	Somewhat improved
93	13%	Little improvement
22	3%	No improvement
46	6%	Not applicable
727	100%	Total

10. How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in thinking critically and analytically?

#	%	
228	31%	Greatly improved
310	42%	Somewhat improved
138	19%	Little improvement
22	3%	No improvement
32	4%	Not applicable
729	100%	Total

- 11 How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in solving numerical problems?

#	%	
189	26%	Greatly improved
278	38%	Somewhat improved
150	21%	Little improvement
37	5%	No improvement
76	10%	Not applicable
730	100%	Total

- 12 How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in speaking clearly and effectively?

#	%	
174	24%	Greatly improved
280	38%	Somewhat improved
166	23%	Little improvement
53	7%	No improvement
59	8%	Not applicable
731	100%	Total

- 13 How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in using computers and information technology?

#	%	
176	24%	Greatly improved
244	34%	Somewhat improved
170	23%	Little improvement
71	10%	No improvement
68	9%	Not applicable
729	100%	Total

- 14 How much has YOUR EXPERIENCE AT THIS COLLEGE contributed to your knowledge, skills, and personal development in understanding people of other cultures?

#	%	
129	18%	Greatly improved
234	32%	Somewhat improved
181	25%	Little improvement
84	12%	No improvement
96	13%	Not applicable
725	100%	Total

15. If you have completed any developmental courses, at what level would you rate the effectiveness in preparing you for subsequent courses?

#	%	
152	22%	Very Helpful
211	31%	Somewhat Helpful
49	7%	Not at all Helpful
270	40%	Did not take any developmental courses
683	100%	Total