

Austin Community College

2009 Course Effectiveness Report

Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

Introduction

The Course Effectiveness Report examines the successful performance of students enrolled in two successive courses that are associated such that the first course provides the foundation for success in the second. Students who are successful in the first course should be sufficiently prepared to also be successful in the subsequent course. “Successful” in this report is defined as having earned a course grade of A, B, C, S (satisfactory), or P (passing). The “Effectiveness Rate” of the first course is the mathematical proportion of students that succeed in the subsequent course after having successfully completing the first course.

This first Course Effectiveness Report examines twelve sets of Core Curriculum courses. With the exception of the Government and History sets, the first course in the sequence is a pre-requisite for the second. The following course sets are included in this report:

1. English Composition I and English Composition II (ENGL 1301, ENGL 1302)
2. General Chemistry I and General Chemistry II (CHEM 1411/1311, CHEM 1412/1312)
3. United States Government and Texas State and Local Government (GOVT 2305, GOVT 2306) and its reverse, Texas State and Local Government and United States Government (GOVT 2306, GOVT 2305)
4. United States History I and United States History II (HIST 1301, HIST 1302)
5. College Algebra and Business Calculus and Applications (MATH 1314 , MATH 1425)
6. Pre Calculus Functions and Graphs and Calculus I (MATH 1412, MATH 2413)
7. Cellular and Molecular Biology and Structure and Function of Organisms (BIOL 1406, BIOL 1407)
8. Human Anatomy Lecture and Human Physiology Lecture (BIOL 2304, BIOL 2305)
9. General College Physics I and General Physics II (PHYS 1401, PHYS 1402)

10. Spanish I and Spanish II (SPAN 1511, SPAN 1512)

11. Spanish III and Spanish IV (SPAN 2311, SPAN 2312)

For each course set, the report displays two tables. In the first table of the set, student grades from the first course taken in the fall 2006 semester are compared to student grades from the second course, taken in the immediate next spring 2007 semester. The second table of the set displays student grades from the first course, taken in the fall 2006 semester compared to student grades from the second course taken anytime in the following summer 2007 semester through the spring 2008 semester. Based on knowledge of student course taking behavior, it is believed that examination of these two time periods provides sufficient information to judge the effectiveness of the first course in preparing students for success in the second course. It should be noted, however, that the second table may include grades for students who may have taken the course more than once. In such cases, the highest earned grade was used for the comparison. All data are from semester downloads of the grades in the College's course files.

Summary of Effectiveness Rates by Course

Related Courses	Taken in Immediate Next Semester	Taken within One Year*
English Composition I and English Composition II (ENGL 1301, ENGL 1302)	72.7%	66.2%
General Chemistry I and General Chemistry II (CHEM 1411/1311, CHEM 1412/1312)	69.5%	69.5%
United States Government and Texas State and Local Government (GOVT 2305, GOVT 2306)	75.7%	76.3%
Texas State and Local Government and United States Government (GOVT 2306, GOVT 2305)	79.1%	77.4%
United States History I and United States History II (HIST 1301, HIST 1302)	78.4%	72.3%
College Algebra and Business Calculus and Applications (MATH 1314 , MATH 1425)	51.9%	55.3%
Pre Calculus Functions and Graphs and Calculus I (MATH 1412, MATH 2413)	61.3%	67.9%
Cellular and Molecular Biology and Structure and Function of Organisms (BIOL 1406, BIOL 1407)	77.4%	73.9%
Human Anatomy Lecture and Human Physiology Lecture (BIOL 2304, BIOL 2305)	89.1%	89.2%
General College Physics I and General Physics II (PHYS 1401, PHYS 1402)	77.8%	85.7%
Spanish I and Spanish II (SPAN 1511, SPAN 1512)	74.3%	67.2%
Spanish III and Spanish IV (SPAN 2311, SPAN 2312)	94.3%	90.9%

How to Read the Tables

Number of students who earned a grade in the first course and who subsequently enrolled in the second course

Course numbers for compared courses

Grades in second course

ENGL 1301 ⇒ ENGL 1302

Fall 2006 Grades		Enrolled in ENGL 1302	Spring 2007 Grades: ENGL-1302												
ENGL-1301			A	B	C	D	F	W							
A	821	479	217	45.3%	107	22.3%	91	19.0%	1	0.2%	12	2.5%	51	10.6%	
B	928	498	58	11.6%	147	29.5%	159	31.9%	8	1.6%	17	3.4%	109	21.9%	
C	1,275	626	33	5.3%	87	13.9%	266	42.5%	14	2.2%	50	8.0%	176	28.1%	
S	8	7					6	85.7%			1	14.3%			
D	77	3					1	33.3%			1	33.3%	1	33.3%	
F	683	13	1	7.7%			2	15.4%	2	15.4%	1	7.7%	7	53.8%	
W	1,624	10			1	10.0%	1	10.0%	1	10.0%	2	20.0%	5	50.0%	
Total	5,416	1,636	309	18.9%	342	20.9%	526	32.2%	26	1.6%	84	5.1%	352	21.5%	
Total A/B/C/S/P in ENGL 1301 and enrolled in ENGL 1302		1,610													
Total A/B/C/S/P in ENGL 1302 in Spring 2007		1,171													
Fall 2006 to Spring 2007 ENGL 1301 Course Effectiveness		72.7%													

Grades in First course taken in the Fall 2006 semester

$$= \frac{\text{Total successful in 2nd course}}{\text{Total 1st course successful \& enrolled in 2nd course}}$$

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ENGL 1301 ⇒ ENGL 1302

Fall 2006 Grades		Enrolled in ENGL 1302	Spring 2007 Grades: ENGL-1302											
ENGL-1301			A		B		C		D		F		W	
A	821	479	217	45.3%	107	22.3%	91	19.0%	1	0.2%	12	2.5%	51	10.6%
B	928	498	58	11.6%	147	29.5%	159	31.9%	8	1.6%	17	3.4%	109	21.9%
C	1,275	626	33	5.3%	87	13.9%	266	42.5%	14	2.2%	50	8.0%	176	28.1%
S	8	7					6	85.7%			1	14.3%		
D	77	3					1	33.3%			1	33.3%	1	33.3%
F	683	13	1	7.7%			2	15.4%	2	15.4%	1	7.7%	7	53.8%
W	1,624	10			1	10.0%	1	10.0%	1	10.0%	2	20.0%	5	50.0%
Total	5,416	1,636	309	18.9%	342	20.9%	526	32.2%	26	1.6%	84	5.1%	352	21.5%

A/B/C/S/P in ENGL 1301 and enrolled in Eng 1302	1,610
A/B/C/S/P in ENGL 1302 in Spring 2007	1,171
Fall 2006 to Spring 2007 ENGL 1301 Course Effectiveness	72.7%

Fall 2006 Grades		Enrolled in ENGL 1302	Summer 2007 -- Spring 2008 Grades: ENGL-1302											
ENGL-1301			A		B		C		D		F		W	
A	821	131	38	29.0%	29	22.1%	34	26.0%	1	0.8%	7	5.3%	20	15.3%
B	928	162	26	16.0%	25	15.4%	65	40.1%	1	0.6%	7	4.3%	37	22.8%
C	1275	218	15	6.9%	32	14.7%	79	36.2%	5	2.3%	18	8.3%	68	31.2%
S	8	7					6	85.7%			1	14.3%		
D	77	8	2	25.0%	1	12.5%					1	12.5%	3	37.5%
F	683	47	2	4.3%	7	14.9%	19	40.4%			5	10.6%	14	29.8%
W	1624	154	12	7.8%	39	25.3%	54	35.1%	1	0.6%	10	6.5%	38	24.7%
Total	5416	727	95	13.2%	133	18.5%	257	34.8%	8	1.1%	49	6.7%	180	24.8%

A/B/C/S/P in ENGL 1301 and enrolled in ENGL 1302	518
A/B/C/S/P in ENGL 1302 in Summer 2007 - Spring 2008	343
Fall 2006 ⇒ Summer 2007-Spring 2008 ENGL 1301 Course Effectiveness	66.2%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

CHEM 1411 ⇒ CHEM 1412

Fall 2006 Grades		Enrolled in CHEM 1412	Spring 2007 Grades: CHEM 1412											
CHEM 1411			A		B		C		D		F		W	
A	172	82	54	65.9%	13	15.9%	6	7.3%	2	2.4%			7	8.5%
B	164	54	8	14.8%	14	25.9%	12	22.2%	2	3.7%	3	5.6%	15	27.8%
C	102	38	2	5.3%	5	13.2%	7	18.4%	5	13.2%	4	10.5%	15	39.5%
D	27	3	1	33.3%	1	33.3%			1	33.3%				
F	55	1									1	100.0%		
W	274	1							1	100.0%				
Total	794	179	65	36.3%	33	18.4%	25	14.0%	11	6.1%	8	4.5%	37	20.7%

A/B/C/S/P in CHEM 1411 and enrolled in CHEM 1412	174
A/B/C/S/P in CHEM 1412 in Spring 2007	121
Fall 2006 to Spring 2007 CHEM 1411 Course Effectiveness	69.5%

Fall 2006 Grades		Enrolled in CHEM 1412	Summer 2007 -- Spring 2008 Grades: CHEM 1412											
CHEM 1411			A		B		C		D		F		W	
A	172	21	8	38.1%	7	33.3%	2	9.5%	1	4.8%	1	4.8%	2	9.5%
B	164	24	5	20.8%	7	29.2%	4	16.7%	2	8.3%	2	8.3%	4	16.7%
C	102	14	2	14.3%	3	21.4%	3	21.4%			2	14.3%	4	28.6%
D	27	3			2	66.7%							1	33.3%
F	55	2	1	50.0%	1	50.0%								
W	274	18	8	44.4%			1	5.6%	1	5.6%	1	5.6%	7	38.9%
Total	794	82	24	29.3%	20	24.4%	10	12.2%	4	4.9%	6	7.3%	18	22.0%

A/B/C/S/P in CHEM 1411 and enrolled in CHEM 1412	59
A/B/C/S/P in CHEM 1412 in Summer 2007 - Spring 2008	41
Fall 2006 ⇒ Summer 2007-Spring 2008 CHEM 1411 Course Effectiveness	69.5%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

GOVT 2305 ⇒ GOVT 2306

Fall 2006 Grades		Enrolled in GOVT 2306	Spring 2007 Grades: GOVT 2306											
GOVT 2305			A		B		C		D		F		W	
A	673	260	147	56.5%	65	25.0%	15	5.8%	6	2.3%	4	1.5%	23	8.8%
B	857	266	46	17.3%	99	37.2%	55	20.7%	8	3.0%	18	6.8%	40	15.0%
C	628	166	11	6.6%	43	25.9%	43	25.9%	17	10.2%	23	13.9%	29	17.5%
S	1													
D	201	32	2	6.3%	7	21.9%	8	25.0%	3	9.4%	4	12.5%	8	25.0%
F	393	17	2	11.8%	2	11.8%	2	11.8%	2	11.8%	6	35.3%	3	17.6%
W	566	31	1	3.2%	6	19.4%	4	12.9%	3	9.7%	5	16.1%	12	38.7%
Total	3,319	777	209	26.9%	222	28.6%	127	16.3%	39	5.0%	64	8.2%	116	14.9%

A/B/C/S/P in GOVT 2305 and enrolled in GOVT 2306	692
A/B/C/S/P in GOVT 2306 in Spring 2007	524
Fall 2006 to Spring 2007 GOVT 2305 Course Effectiveness	75.7%

Fall 2006 Grades		Enrolled in GOVT 2306	Summer 2007 -- Spring 2008 Grades: GOVT 2306											
GOVT 2305			A		B		C		D		F		W	
A	673	93	42	45.2%	30	32.3%	5	5.4%			4	4.3%	12	12.9%
B	857	122	23	18.9%	53	43.4%	24	19.7%	5	4.1%	9	7.4%	8	6.6%
C	628	119	11	9.2%	39	32.8%	28	23.5%	12	10.1%	15	12.6%	14	11.8%
S	1													
D	201	24	1	4.2%	7	29.2%	6	25.0%	2	8.3%	3	12.5%	5	20.8%
F	393	28	3	10.7%	4	14.3%	9	32.1%	2	7.1%	9	32.1%	1	3.6%
W	566	61	4	6.6%	17	27.9%	13	21.3%	5	8.2%	12	19.7%	10	16.4%
Total	3,319	447	84	18.8%	150	33.6%	85	19.0%	26	5.8%	52	11.6%	50	11.2%

A/B/C/S/P in GOVT 2305 and enrolled in GOVT 2306	334
A/B/C/S/P in GOVT 2306 in Summer 2007 - Spring 2008	255
Fall 2006 ⇒ Summer 2007-Spring 2008 GOVT 2305 Course Effectiveness	76.3%

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GOVT 2306 ⇒ GOVT 2305

Fall 2006 Grades		Enrolled in GOVT 2305	Spring 2007 Grades: GOVT 2305											
GOVT 2306			A		B		C		D		F		W	
A	524	59	38	64.4%	11	18.6%	4	6.8%	1	1.7%	1	1.7%	4	6.8%
B	612	71	24	33.8%	22	31.0%	13	18.3%	2	2.8%	3	4.2%	7	9.9%
C	406	57	4	7.0%	17	29.8%	15	26.3%	7	12.3%	6	10.5%	8	14.0%
D	84	6			2	33.3%	2	33.3%			1	16.7%	1	16.7%
F	212	15			5	33.3%	2	13.3%	1	6.7%	7	46.7%		
W	432	37	5	13.5%	8	21.6%	2	5.4%	2	5.4%	7	18.9%	13	35.1%
Total	2,270	247	71	28.7%	65	26.3%	38	15.4%	13	5.3%	27	10.9%	33	13.4%

A/B/C/S/P in GOVT 2306 and enrolled in GOVT 2305	187
A/B/C/S/P in GOVT 2305 in Spring 2007	148
Fall 2006 to Spring 2007 GOVT 2306 Course Effectiveness	79.1%

Fall 2006 Grades		Enrolled in GOVT 2305	Summer 2007 -- Spring 2008 Grades: GOVT 2305											
GOVT 2306			A		B		C		D		F		W	
A	524	21	8	38.1%	8	38.1%	2	9.5%	1	4.8%			2	9.5%
B	612	36	8	22.2%	13	36.1%	9	25.0%	2	5.6%	1	2.8%	3	8.3%
C	406	27	3	11.1%	7	25.9%	7	25.9%	1	3.7%	5	18.5%	4	14.8%
D	84	6			4	66.7%					1	16.7%	1	16.7%
F	212	18	4	22.2%	3	16.7%	3	16.7%	1	5.6%	5	27.8%	2	11.1%
W	432	24	4	16.7%	7	29.2%	3	12.5%			5	20.8%	4	16.7%
Total	2282	133	27	20.3%	42	31.6%	25	18.8%	5	3.8%	17	12.8%	16	12.0%

A/B/C/S/P in GOVT 2306 and enrolled in GOVT 2305	84
A/B/C/S/P in GOVT 2305 in Summer 2007 - Spring 2008	65
Fall 2006 ⇒ Summer 2007-Spring 2008 GOVT 2306 Course Effectiveness	77.4%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

HIST 1301 ⇒ HIST 1302

Fall 2006 Grades		Enrolled in HIST 1302	Spring 2007 Grades: HIST 1302											
HIST 1301			A		B		C		D		F		W	
A	533	302	173	57.3%	78	25.8%	29	9.6%	2	0.7%	5	1.7%	15	5.0%
B	871	486	80	16.5%	209	43.0%	113	23.3%	16	3.3%	16	3.3%	52	10.7%
C	979	482	38	7.9%	106	22.0%	170	35.3%	35	7.3%	54	11.2%	79	16.4%
D	249	84			7	8.3%	32	38.1%	8	9.5%	12	14.3%	25	29.8%
F	561	33			6	18.2%	3	9.1%	3	9.1%	13	39.4%	8	24.2%
W	939	44	4	9.1%	8	18.2%	13	29.5%	1	2.3%	11	25.0%	7	15.9%
Total	4,163	1,438	296	20.6%	415	28.9%	360	25.0%	66	4.6%	113	7.9%	188	13.1%

A/B/C/S/P in HIST 1301 and enrolled in HIST 1302	1,270
A/B/C/S/P in HIST 1302 in Spring 2007	996
Fall 2006 to Spring 2007 HIST 1301 Course Effectiveness	78.4%

Fall 2006 Grades		Enrolled in HIST 1302	Summer 2007 -- Spring 2008 Grades: HIST 1302											
HIST 1301			A		B		C		D		F		W	
A	533	559	84	15.0%	134	24.0%	169	30.2%	37	6.6%	50	8.9%	83	14.8%
B	871	61	32	52.5%	14	23.0%	5	8.2%			1	1.6%	9	14.8%
C	979	119	26	21.8%	37	31.1%	33	27.7%	7	5.9%	5	4.2%	10	8.4%
D	249	174	11	6.3%	41	23.6%	63	36.2%	15	8.6%	17	9.8%	27	15.5%
F	561	38	2	5.3%	4	10.5%	16	42.1%	2	5.3%	4	10.5%	10	26.3%
W	939	59	2	3.4%	12	20.3%	13	22.0%	8	13.6%	13	22.0%	11	18.6%
Total	4,163	104	10	9.6%	26	25.0%	36	34.6%	5	4.8%	10	9.6%	16	15.4%

A/B/C/S/P in HIST 1301 and enrolled in HIST 1302	739
A/B/C/S/P in HIST 1302 in Summer 2007 - Spring 2008	534
Fall 2006 ⇒ Summer 2007-Spring 2008 HIST 1301 Course Effectiveness	72.3%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

MATH 1314 ⇒ MATH 1425

Fall 2006 Grades		Enrolled in MATH 1425	Spring 2007 Grades: MATH 1425											
MATH 1314			A		B		C		D		F		W	
A	315	25	10	40.0%	6	24.0%	2	8.0%	1	4.0%			6	24.0%
B	352	16	3	18.8%			3	18.8%			2	12.5%	8	50.0%
C	339	11	1	9.1%	1	9.1%	1	9.1%	1	9.1%	1	9.1%	6	54.5%
D	112													
F	232													
W	767	2	1	50.0%									1	50.0%
Total	2,134	54	15	27.8%	7	13.0%	6	11.1%	2	3.7%	3	5.6%	21	38.9%

A/B/C/S/P in MATH 1314 and enrolled in MATH 1425	52
A/B/C/S/P in MATH 1425 in Spring 2007	27
Fall 2006 to Spring 2007 MATH 1314 Course Effectiveness	51.9%

Fall 2006 Grades		Enrolled in MATH 1425	Summer 2007 -- Spring 2008 Grades: MATH 1425											
MATH 1314			A		B		C		D		F		W	
A	315	10	1	10.0%	5	50.0%	1	10.0%			1	10.0%	2	20.0%
B	352	13	3	23.1%	2	15.4%	2	15.4%					6	46.2%
C	339	15			4	26.7%	3	20.0%	2	13.3%	3	20.0%	3	20.0%
D	112	3					2	66.7%					1	33.3%
F	232	3							1	33.3%			1	33.3%
W	767	11	1	9.1%	1	9.1%	5	45.5%					4	36.4%
Total	2134	55	5	9.1%	12	21.8%	13	23.6%	3	5.5%	4	7.3%	17	30.9%

A/B/C/S/P in MATH 1314 and enrolled in MATH 1425	38
A/B/C/S/P in MATH 1425 in Summer 2007 - Spring 2008	21
Fall 2006 ⇒ Summer 2007-Spring 2008 MATH 1314 Course Effectiveness	55.3%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

MATH 2412 ⇒ MATH 2413

Fall 2006 Grades		Enrolled in MATH 2413	Spring 2007 Grades: MATH 2413											
MATH 2412			A		B		C		D		F		W	
A	78	57	24	42.1%	11	19.3%	6	10.5%					16	28.1%
B	52	29	2	6.9%	12	41.4%	2	6.9%	2	6.9%			11	37.9%
C	38	20			4	20.0%	4	20.0%	1	5.0%			11	55.0%
D	11	1									1	100.0%		
F	16	0												
W	94	4			2	50.0%			1	25.0%			1	25.0%
Total	289	111	26	23.4%	29	26.1%	12	10.8%	4	3.6%	1	0.9%	39	35.1%

A/B/C/S/P in MATH 2412 and enrolled in MATH 2413	106
A/B/C/S/P in MATH 2413 in Spring 2007	65
Fall 2006 to Spring 2007 MATH 2412 Course Effectiveness	61.3%

Fall 2006 Grades		Enrolled in MATH 2413	Summer 2007 -- Spring 2008 Grades: MATH 2413											
MATH 2412			A		B		C		D		F		W	
A	78	12	4	33.3%	4	33.3%	0	0.0%	1	8.3%			3	25.0%
B	52	8	2	25.0%	3	37.5%	1	12.5%					2	25.0%
C	38	8	1	12.5%	1	12.5%	3	37.5%					3	37.5%
D	11	2			1	50.0%	1	50.0%						
F	16													
W	94	9			3	33.3%	1	11.1%					5	55.6%
Total	289	39	7	17.9%	12	30.8%	6	15.4%	1	2.6%			13	33.3%

A/B/C/S/P in MATH 2412 and enrolled in MATH 2413	28
A/B/C/S/P in MATH 2413 in Summer 2007 - Spring 2008	19
Fall 2006 ⇒ Summer 2007-Spring 2008 MATH 2412 Course Effectiveness	67.9%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

BIOL 1406 ⇒ BIOL 1407

Fall 2006 Grades		Enrolled in BIOL 1407	Spring 2007 Grades: BIOL 1407											
BIOL 1406			A		B		C		D		F		W	
A	73	28	17	60.7%	9	32.1%	2	7.1%						
B	71	20	4	20.0%	5	25.0%	4	20.0%	2	10.0%	0	0.0%	5	25.0%
C	35	5							1	20.0%	2	40.0%	2	40.0%
D	7													
F	23													
W	135													
Total	346	54	22	40.7%	14	25.9%	6	11.1%	3	5.6%	2	3.7%	7	13.0%

A/B/C/S/P in BIOL 1406 and enrolled in BIOL 1407	53
A/B/C/S/P in BIOL 1407 in Spring 2007	41
Fall 2006 to Spring 2007 BIOL 1406 Course Effectiveness	77.4%

Fall 2006 Grades		Enrolled in BIOL 1407	Summer 2007 -- Spring 2008 Grades: BIOL 1407											
BIOL 1406			A		B		C		D		F		W	
A	73	4	3	75.0%	1	25.0%								
B	71	12	1	8.3%	5	41.7%	2	16.7%	2	16.7%			2	16.7%
C	35	7			5	71.4%			1	14.3%			1	14.3%
D	7													
F	23													
W	135	3			1	33.3%	1	33.3%					1	33.3%
Total	346	26	4	15.4%	12	46.2%	3	11.5%	3	11.5%			4	15.4%

A/B/C/S/P in BIOL 1406 and enrolled in BIOL 1407	23
A/B/C/S/P in BIOL 1407 in Summer 2007 - Spring 2008	17
Fall 2006 ⇒ Summer 2007-Spring 2008 BIOL 1406 Course Effectiveness	73.9%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

BIOL 2304 ⇒ BIOL 2305

Fall 2006 Grades		Enrolled in BIOL 2305	Spring 2007 Grades: BIOL 2305											
BIOL 2304			A		B		C		D		F		W	
A	140	63	34	54.0%	23	36.5%	2	3.2%					4	6.3%
B	98	30	5	16.7%	18	60.0%	4	13.3%					3	10.0%
C	57	17			5	29.4%	7	41.2%	1	5.9%			4	23.5%
D	15													
F	15													
W	88													
Total	416	111	40	36.0%	46	41.4%	13	11.7%	1	0.9%			11	9.9%

A/B/C/S/P in BIOL 2304 and enrolled in BIOL 2305	110
A/B/C/S/P in BIOL 2305 in Spring 2007	98
Fall 2006 to Spring 2007 BIOL 2304 Course Effectiveness	89.1%

Fall 2006 Grades		Enrolled in BIOL 2305	Summer 2007 -- Spring 2008 Grades: BIOL 2305											
BIOL 2304			A		B		C		D		F		W	
A	140	30	12	40.0%	13	43.3%	3	10.0%					2	6.7%
B	98	26	5	19.2%	9	34.6%	9	34.6%			1	3.8%	2	7.7%
C	57	18	2	11.1%	6	33.3%	7	38.9%	3	16.7%				
D	15	4	1	25.0%	1	25.0%	1	25.0%	1	25.0%				
F	15													
W	88	14	1	7.1%	5	35.7%	5	35.7%			1	7.1%	2	14.3%
Total	416	94	22	23.4%	35	37.2%	25	26.6%	4	4.3%	2	2.1%	6	6.4%

A/B/C/S/P in BIOL 2304 and enrolled in BIOL 2305	74
A/B/C/S/P in BIOL 2305 in Summer 2007 - Spring 2008	66
Fall 2006 ⇒ Summer 2007-Spring 2008 BIOL 2304 Course Effectiveness	89.2%

**Austin Community College
2009 Course Effectiveness Report**

Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

PHYS 1401 ⇒ PHYS 1402

Fall 2006 Grades		Enrolled in PHYS 1402	Spring 2007 Grades: PHYS 1402											
PHYS 1401			A		B		C		D		F		W	
A	88	29	14	48.3%	7	24.1%	1	3.4%			1	3.4%	6	20.7%
B	76	20	4	20.0%	8	40.0%	4	20.0%					4	20.0%
C	31	5	1	20.0%	2	40.0%	1	20.0%					1	20.0%
D	13													
F	30													
W	114	1											1	100.0%
Total	354	55	19	34.5%	17	30.9%	6	10.9%			1	1.8%	12	21.8%

A/B/C/S/P in PHYS 1401 and enrolled in PHYS 1402	54
A/B/C/S/P in PHYS 1402 in Spring 2007	42
Fall 2006 to Spring 2007 PHYS 1401 Course Effectiveness	77.8%

Fall 2006 Grades		Enrolled in PHYS 1402	Spring 2007 Grades: PHYS 1402											
PHYS 1401			A		B		C		D		F		W	
A	88	20	10	50.0%	7	35.0%			1	5.0%			2	10.0%
B	76	7	2	28.6%	2	28.6%	3	42.9%						
C	31	1											1	100.0%
D	13													
F	30	4			1	25.0%	1	25.0%	1	25.0%	1	25.0%		
W	114	6	2	33.3%	3	50.0%							1	16.7%
Total	354	38	14	36.8%	13	34.2%	4	10.5%	2	5.3%	1	2.6%	4	10.5%

A/B/C/S/P in PHYS 1401 and enrolled in PHYS 1402	28
A/B/C/S/P in PHYS 1402 in Summer 2007 - Spring 2008	24
Fall 2006 ⇒ Summer 2007-Spring 2008 PHYS 1401 Course Effectiveness	85.7%

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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

SPAN 1511 ⇒ SPAN 1512

Fall 2006 Grades		Enrolled in SPAN 1512	Spring 2007 Grades: SPAN 1512											
SPAN 1511			A		B		C		D		F		W	
A	384	241	129	53.5%	67	27.8%	8	3.3%	3	1.2%	3	1.2%	31	12.9%
B	333	163	19	11.7%	61	37.4%	37	22.7%	3	1.8%	4	2.5%	39	23.9%
C	217	105	4	3.8%	21	20.0%	32	30.5%	9	8.6%	7	6.7%	32	30.5%
D	64	4									2	50.0%	2	50.0%
F	88													
W	392	1											1	100.0%
Total	1,485	514	152	29.6%	149	29.0%	77	15.0%	15	2.9%	16	3.1%	105	20.4%

A/B/C/S/P in SPAN 1511 and enrolled in SPAN 1512	509
A/B/C/S/P in SPAN 1512 in Spring 2007	378
Fall 2006 to Spring 2007 SPAN 1511 Course Effectiveness	74.3%

Fall 2006 Grades		Enrolled in SPAN 1512	Summer 2007 -- Spring 2008 Grades: SPAN 1512											
SPAN 1511			A		B		C		D		F		W	
A	1485	127	21	16.5%	34	26.8%	26	20.5%	6	4.7%	8	6.3%	32	25.2%
B	384	39	11	28.2%	17	43.6%	2	5.1%					9	23.1%
C	333	32	5	15.6%	10	31.3%	7	21.9%	2	6.3%	2	6.3%	6	18.8%
D	217	17	2	11.8%	2	11.8%	5	29.4%	1	5.9%	3	17.6%	4	23.5%
F	64	13			1	7.7%	7	53.8%	1	7.7%	1	7.7%	3	23.1%
W	88	7	1	14.3%			1	14.3%	1	14.3%	1	14.3%	3	42.9%
Total	392	18	2	11.1%	3	16.7%	4	22.2%	1	5.6%	1	5.6%	7	38.9%

A/B/C/S/P in SPAN 1511 and enrolled in SPAN 1512	198
A/B/C/S/P in SPAN 1512 in Summer 2007 - Spring 2008	133
Fall 2006 ⇒ Summer 2007-Spring 2008 SPAN 1511 Course Effectiveness	67.2%

**Austin Community College
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Grade Performance of Students Enrolled in Fall 2006 Course Compared to Grade Performance in Related Course

SPAN 2311 ⇒ SPAN 2312

Fall 2006 Grades		Enrolled in	Spring 2007 Grades: SPAN 2312											
SPAN 2311		SPAN 2313	A		B		C		D		F		W	
A	54	22	20	90.9%	1	4.5%	0	0.0%					1	4.5%
B	77	36	18	50.0%	14	38.9%	1	2.8%					3	8.3%
C	34	12	2	16.7%	4	33.3%	6	50.0%						
D	7													
F	14	1			1	100.0%								
W	51	2	1	50.0%	1	50.0%								
Total	238	73	41	56.2%	21	28.8%	7	9.6%					4	5.5%

A/B/C/S/P in SPAN 2311 and enrolled in SPAN 2312	70
A/B/C/S/P in SPAN 2312 in Spring 2007	66
Fall 2006 to Spring 2007 SPAN 2311 Course Effectiveness	94.3%

Fall 2006 Grades		Enrolled in	Spring 2007 Grades: SPAN 2312											
SPAN 2311		SPAN 2312	A		B		C		D		F		W	
A	54	3	3	100.0%										
B	77	4	2	50.0%	1	25.0%	1	25.0%						
C	34	4	1	25.0%	1	25.0%	1	25.0%					1	25.0%
D	7	3	1	33.3%	2	66.7%								
F	14													
W	51	5			2	40.0%	3	60.0%						
Total	238	20	7	35.0%	7	35.0%	5	25.0%					1	5.0%

A/B/C/S/P in SPAN 2311 and enrolled in SPAN 2312	11
A/B/C/S/P in SPAN 2312 in Summer 2007 - Spring 2008	10
Fall 2006 ⇒ Summer 2007-Spring 2008 SPAN 2311 Course Effectiveness	90.9%