

El Camino College Compton Center

Repeatable Course Usage

Executive Summary

3,656 students enrolled in at least one repeatable (ab, abc, abcd) course for the first time during 2007-08 or 2008-09 at the El Camino College Compton Center. These students were tracked through the Spring 12 term.

These students accounted for 6,159 repeatable course first attempts in 83 distinct courses.

Repetition of classes does not occur in the majority of cases. In approximately 97% (5,950 instances) of the first course attempts, students do not enroll in a class more than twice. This includes repetitions to receive a better grade or because of Drops and Withdrawals. Almost 85% (5,226) did not even attempt a second enrollment.

Most students do not take advantage of the repeatability option. Approximately 11% (695) of the attempts resulted in more than one successful completion. There are 3,989 (65%) instances where a student only successfully completed each course once and another 1,475 (24%) instances where a student never successfully completed the course.

Introduction

Repeatable courses are those with a course number which ends in ab, abc, or abcd. They are designed to allow students to successfully complete the course with a passing grade multiple times (twice for ab, thrice for abc, and four times for abcd) so students can improve on the skills taught in the class.

In order to determine the extent of the demand for repeatable courses at the El Camino College Compton Center, Institutional Research first determined the extent to which students were enrolling in repeatable courses. The base group was defined by taking all students who first enrolled in a repeatable course during 2007-08 or 2008-09. This two year period was used to isolate students who were enrolling in a course for the first time, regardless of their course taking patterns prior to the period, as long as the specific repeatable course had not been attempted by the student prior to 2007-08. There were 3,656 students who enrolled in a repeatable course for the first time during this two-year period. Tracking these students through 2011-12 allows 3 to 5 years for a student to attempt a repeat of the course in which they enrolled. Looking at the course taking pattern for this group gives an idea of the demand or desire for students to utilize the repeatability option.

Repeatable Course Attempts

The base group students accounted for 6,159 first attempts of a repeatable course during 2007-08 or 2008-09. They may have attempted other repeatable courses outside this range, but we are only concerned with the courses first attempted during these school years. Table 1 below illustrates the number of times students attempted repeatable courses within each division through 2011-12. Attempts are counted regardless of performance in the course. It was found that in over 85% of the cases, the course was not attempted a second time and 97% did not attempt the same course more than twice. Though this is not a true measure of the repeatability option as all courses can be taken again if a student drops or fails, this helps demonstrate the scope of the potential for repeatability.

Table 1: Student Course Attempts by Division

Division	Times Enrolled				Total Cohort
	1	2	3	4	
FINE	997	61	12	6	1,076
HEAL	2,928	499	84	27	3,538
HUMA	736	25	2		763
ITEC	565	139	58	20	782
Grand Total	5,226	724	156	53	6,159

This chart includes all enrollments for which the school receives apportionment, including enrollments resulting in a non-passing grade or withdrawal.

Successful Completions

The following tables demonstrate the number of successful completions a student earned by course in each division. Using the same base group, the number of successful course completions achieved by each student in each course were counted. A successful completion is one in which the student earns a passing grade of A, B, C, or P in the course. This gives a better idea of the use of the repeatability option.

The repeatability option is not widely used among students with the exception of a few courses in Health Sciences & Athletics and Industry & Technology. In the charts below, those students to the left of the vertical line are non-repeaters. They are students who have not successfully completed a course more than once. For example, 129 students first enrolled in Art-10ab during the 2007-08 or 2008-09 school years. Fifteen never completed the course, while 112 successfully completed once. There were 2 students who completed the course a second time by the end of 2011-12 and are considered “repeaters”.

Table 2: Fine Arts Course Completions

Fine Arts	Times Successfully Completed					Total Cohort
	0	1	2	3	4	
ART-10ab	15	112	2			129
ART-11abcd	1	8	1			10
ART-22ab	2	17				19
ART-37ab	2	45				47
ART-38abcd		4				4
DANC-16ab	23	51	6			80
DANC-19ab	39	77	2			118
DANC-21abcd	28	64	3			95

	0	1	2	3	4	Total Cohort
DANC-22ab	31	40	1			72
DANC-23abcd		8				8
DANC-32ab	11	6				17
DANC-42ab	13	9	1			23
DANC-43abcd	1	3				4
DANC-51ab		14				14
DANC-61ab	2	9				11
DANC-87abcd	2	3	1	3		9
FILM-36ab		14				14
MUSI-47ab	52	41	11			104
MUSI-48abcd	4	5	1			10
MUSI-67abcd	6	3	1	1	1	12
MUSI-68abcd		5	1			6
MUSI-80abc	29	40	9	2		80
THEA-70abcd	30	97	4	1		132
THEA-72ab	1	10				11
THEA-75abcd	2	9				11
THEA-97abcd	18	15			3	36
Grand Total	312	709	44	7	4	1,076

Table 3: Health Sciences & Athletics Course Completions

Health Sciences & Athletics	Times Successfully Completed					Total Cohort
	0	1	2	3	4	
NURS-48ab	51	79	7			137
PE-101abcd	2	40	3			45
PE-105ab	8	9	8			25
PE-106abc	4	27	1			32
PE-130ab	3	6				9
PE-132ab	1	13				14
PE-135abcd	8	83	6			97
PE-15ab	11	39	6	1		57
PE-16abc	17	26	8	2	1	54
PE-1abcd	126	345	26	6	3	506
PE-204abcd	16	19	3	1		39
PE-20ab	3	5				8
PE-21abc	2	17				19
PE-221abcd	11	34				45

	0	1	2	3	4	Total Cohort
PE-224abcd	4	81	3	3	2	93
PE-233ab	21	22	2			45
PE-234abcd	2	19	8	1		30
PE-238abcd		14				14
PE-256abcd	9	7				16
PE-25ab	2	52				54
PE-2abcd	41	186	8		1	236
PE-300abcd	59	290	26	4	1	380
PE-35ab	20	100	39			159
PE-36abc	8	103	33	13		157
PE-4abcd	4	5				9
PE-54abcd	134	546	104	14	2	800
PE-5ab		41	17			58
PE-61abc	3	13	1	1		18
PE-6abc	4	63	15	4	1	87
PE-70ab	1	36	15			52
PE-71abc	1	26	9	2		38
PE-74abcd	8	56	6	8	3	81
PE-75ab	1	24	1			26
PE-76abc		13	2			15
PE-7abcd	2	50	22	8	1	83
Grand Total	587	2,489	379	68	15	3,538

Table 4: Humanities Course Completions

Humanities	Times Successfully Completed		2	Total Cohort
	0	1		
AS-20ab	134	81	1	216
AS-22ab	69	66		135
AS-23ab	14	5		19
AS-30ab	59	36		95
AS-31ab	46	46		92
AS-35ab	18	20		38
AS-36ab	60	89	2	151
SPAN-21ab	5	11	1	17
Grand Total	405	354	4	763

Table 5: Industry & Technology Course Completions

Industry & Technology	Times Successfully Completed					Total Cohort
	0	1	2	3	4	
ACRP-5abcd	11	6	3	2		22
ACRP-6abcd	27	29	11	2	1	70
A TEC-99abc		7				7
COSM-14abcd	3	8	3			14
COSM-16abcd	8	48	1			57
COSM-2abcd	18	30	55	22	2	127
FASH-10ab	34	75	4			113
FASH-11ab	10	16	2			28
MTT-101abcd	16	72	8	4	4	104
WELD-15ab	18	63	12			93
WELD-23abc	8	7	2			17
WELD-2abc	7	21	9	15		52
WELD-40abcd	11	44	5	1		61
WELD-45ab		11	6			17
Grand Total	171	437	121	46	7	782

Course Enrollments, 2010-2012

Another way of looking at the demand for repeatable courses is to look at the makeup of the courses semester to semester. Taking the actual enrollments and determining the number of students who have previously completed the course gives an idea of the number of repeaters each semester. This would allow an estimation of the impact that disallowing repetitions would have on course enrollments as well as helping to determine the need for additional courses.

In the tables below, students enrolled in a repeatable course during the Fall 10, Spring 11, Fall 11, and Spring 12 semesters are tracked backwards to determine if the course had been completed by the student prior to this enrollment. Only courses in which a student had previously completed successfully are included. In the table, “Total” is the total enrollment for the course in the given term. “Comp Once” indicates the number of students who have previously completed the course one time and are working on their second attempt during the term. This number represents the potential demand for an additional course when courses are

no longer repeatable. “Prev Comp” indicates all of the students who have previously completed the course *one or more* times and represents the potential loss of enrollment in these courses when students are no longer allowed to repeat courses. “Prev Comp” includes “Comp Once” students. For example, 94 students enrolled in DANC-21abcd during the Fall 10 semester. Fifteen students are in the “Comp Once” column indicating they had successfully completed the course one time and since 16 students are in the “Prev Comp” column, by subtracting we can see that only 1 of the students enrolled in Fall 10 had completed this course **more than one** time.

Table 6: Fine Arts Repeated Enrollments, 2010-12

Course	Fall 10			Spring 11			Fall 11			Spring 12		
	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp
ART-10ab				45	2	2				34	1	1
ART-11abcd	13	1	1							2	1	1
ART-37ab										28	1	1
DANC-16ab	31	2	2	22	8	8				25	2	2
DANC-17abcd										4	1	1
DANC-19ab				30	1	1	32	2	2	35	3	3
DANC-21abcd	94	15	16	135	15	20	66	8	8	59	14	18
DANC-22ab							26	1	1			
DANC-43abcd	2	1	1				2	1	1			
DANC-87abcd				8	1	4						
FILM-28ab							31	1	1			
MUSI-18ab							40	9	9	37	10	11
MUSI-47ab	29	2	2							15	2	2
MUSI-48abcd	6	1	2	3	1	1	6	1	1	4	3	3
MUSI-67abcd	16	4	6	17	5	6	13	3	3	23	7	9
MUSI-80abc	38	3	5	21	6	7	28	2	2	28	2	4
THEA-70abcd	17	2	3	37	2	6	13	1	2	18	4	4
THEA-72ab	4	1	1									
THEA-97abcd	28	1	4	23	5	11	23	4	5	22	3	6
Grand Total	278	33	43	341	46	66	280	33	35	334	54	66

Table 7: Health Sciences and Athletics Repeated Enrollments, 2010-12

Course	Fall 10			Spring 11			Fall 11			Spring 12		
	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp
PE-101abcd				36	1	1						
PE-105abc							16	4	4			
PE-106abc				21	2	2				10	2	2
PE-120abc										17	3	3
PE-121abc							25	1	1			
PE-130abc										15	2	2
PE-132abc										14	3	3
PE-15abc							37	3	3			
PE-16abc				28	3	4				42	5	9
PE-1abcd	160	12	20	126	22	32	127	20	27	77	7	11
PE-204abcd	35	0	1				43	1	1			
PE-20abc							20	4	4			
PE-224abcd	17	4	4	20	3	3	27	3	4	22	3	5
PE-25abc							28	1	1			
PE-2abcd	62	1	3				62	4	5	31	3	3
PE-300abcd	83	2	5	72	2	5	37	3	4	35	3	3
PE-35abc							82	11	11			
PE-36abc				78	8	8				61	5	11
PE-54abcd	106	13	16	156	24	29	52	5	6	85	18	20
PE-5abc										40	11	11
PE-60abc							22	5	5			
PE-61abc				21	6	7						
PE-6abc	50	9	14				81	9	15			
PE-70abc							35	9	9			
PE-71abc				23	7	8				34	3	7
PE-74abcd				20	7	8						
PE-75abc										40	7	7
PE-76abc	5	1	1									
PE-7abcd	72	10	11									
Grand Total	590	52	75	601	85	107	694	83	100	523	75	97

Table 8: Humanities Repeated Enrollments, 2010-12

Course	Fall 10			Spring 11			Fall 11			Spring 12		
	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp
AS-1abcd	83	6	9	63	10	12	79	9	12	54	3	4
AS-22ab	25	1	1									
AS-36ab	29	1	1									
SPAN-21ab	16	1	1	16	3	3	19	4	4			
SPAN-22ab				4	3	3						
Grand Total	153	9	12	83	16	18	98	13	16	54	3	4

Table 9: Industry & Technology Repeated Enrollments, 2010-12

Course	Fall 10			Spring 11			Fall 11			Spring 12		
	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp	Total	Comp Once	Prev Comp
ACRP-5abcd	22	2	3	27	6	7	30	6	8	24	7	11
COSM-2abcd	68	11	31	116	6	19	83	21	39	36	6	25
FASH-10ab	26	1	1	29	3	3	17	1	1			
FASH-11ab	6	1	1				4	2	2			
MTT-101abcd	34	6	9	55	10	16	66	10	17	56	10	15
WELD-15ab	25	6	6	24	8	9						
WELD-23abc				22	1	2	23	10	11	32	11	20
WELD-2abc	16	5	7	24	7	9	32	9	14	27	11	17
WELD-40abcd										21	3	3
Grand Total	197	32	58	297	41	65	255	59	92	196	48	91