

Revised 9/25/13

Course Participation: Renters vs. Non-Renters

P116T10007 West Los Angeles College

The Book Rental program at West Los Angeles College has largely expanded from twelve courses in Fall of 2011 to at least sixty over the past several terms. This report looks at students who in Fall 2012 received a conventional letter grade ("A", "B", "C", "D", "F", or "W"), comparing those who rented books to those who took the same courses but did not rent books. The tabulations are based on LACCD SIS Database data along with Bookstore records of rental program participation.

The courses with the highest book rental participation rates in Fall 2012 was Math 262, with 60% of graded students renting books and Personal Development 005 59% of Fall 2012 students participating. Following these were CAOT 39 and MATH 112, with 53% student participation in each of these courses. There were seven courses in which only one student included in this report rented a book, and eleven others in which only two or three participated in the rental program.

	Fall 2012			
	Book Renter		Not Book Renter	
	N	Pct	N	Pct
ACCTG 001	23	9%	235	91%
ADM JUS 001	31	21%	116	79%
ADM JUS 004	10	13%	65	87%
ADM JUS 006	2	5%	37	95%
ADM JUS 039	3	5%	58	95%
ADM JUS 160	3	13%	21	88%
ANATOMY 001	19	9%	196	91%
ANTHRO 101	53	22%	189	78%
ANTHRO 121	4	10%	35	90%
ANTHRO 132	5	13%	34	87%
ARABIC 001	4	12%	30	88%
ART 101	19	13%	130	87%
ART 102	17	38%	28	62%
ART 103	19	22%	67	78%
ASTRON 001	12	23%	41	77%
BIOLOGY 003	51	12%	379	88%
BUS 001	45	13%	313	87%
CAOT 039	18	53%	16	47%
CH DEV 001	29	15%	171	86%
CH DEV 002	14	16%	71	84%
CH DEV 003	4	11%	33	89%
CH DEV 010	6	18%	27	82%
CH DEV 011	18	19%	75	81%
CH DEV 034	6	14%	36	86%
CH DEV 048	2	6%	34	94%
CH DEV 065	3	11%	25	89%
CHEM 051	4	5%	71	95%
CHEM 060	1	1%	75	99%
CHEM 211	2	4%	55	96%
CO SCI 957	5	7%	66	93%
CO SCI 962	1	5%	18	95%
CO SCI 963	2	7%	28	93%
EARTH 001	19	21%	73	79%
ECON 001	87	26%	254	74%
ECON 002	57	17%	271	83%
ENGLISH 028	19	3%	531	97%
ENGLISH 101	99	15%	574	85%
ENGLISH 102	2	2%	92	98%
ENGLISH 103	14	3%	430	97%
ENV SCI 002	19	48%	21	53%
FAM & CS 021	39	19%	162	81%
FIRETEK 203	4	11%	32	89%
FRENCH 001	1	1%	90	99%
GEOG 001	11	22%	38	78%
GEOLOGY 001	27	27%	73	73%
GEOLOGY 006	11	39%	17	61%
HEALTH 002	5	10%	43	90%
HEALTH 011	205	31%	447	69%
HISTORY 001	12	26%	35	74%
HISTORY 011	88	33%	182	67%
HISTORY 012	45	25%	137	75%
HISTORY 086	1	2%	43	98%
HOSPT 302	4	12%	29	88%
JAPAN 001	5	16%	27	84%
LAW 001	33	18%	154	82%
LAW 051	8	12%	57	88%
LIB SCI 101	1	3%	28	97%
MARKET 001	8	10%	74	90%
MATH 105	84	37%	146	63%
MATH 112	217	53%	195	47%
MATH 115	130	29%	316	71%
MATH 117	87	31%	194	69%
MATH 125	107	28%	282	72%
MATH 215	1	6%	16	94%
MATH 227	55	26%	153	74%
MATH 236	27	43%	36	57%
MATH 241	28	37%	48	63%
MATH 260	9	12%	67	88%
MATH 261	9	20%	36	80%
MATH 262	9	60%	6	40%
MGMT 013	5	11%	40	89%
MUSIC 321	2	3%	56	97%
PALEGAL 010	23	22%	80	78%
PALEGAL 018	2	4%	48	96%
PERSDEV 005	22	59%	15	41%
PERSDEV 020	4	5%	84	95%
PHILOS 020	1	2%	43	98%
PSYCH 001	89	19%	381	81%
PSYCH 013	10	17%	48	83%
PSYCH 014	12	15%	68	85%
PSYCH 041	5	4%	126	96%
REAL ES 001	10	23%	33	77%
REAL ES 003	6	15%	34	85%
REAL ES 005	7	17%	35	83%
REAL ES 014	6	15%	33	85%
SOC 001	101	33%	205	67%
SPEECH 101	126	32%	270	68%
SPEECH 104	7	16%	36	84%
SPEECH 111	12	38%	20	63%
SPEECH 121	36	17%	175	83%
SPEECH 151	20	20%	79	80%
THEATER 100	6	14%	38	86%
TRAVEL 100	10	19%	43	81%
TRAVEL 300	7	14%	43	86%
TRAVEL 305	3	19%	13	81%
Total	2,554	20%	10,230	80%

Note: In this report "Book Renters" or "Non Book Renters" always refers to students for whom the following caveats apply: i) students who received grades of "I", "N", "P", "X", or did not receive a grade are excluded from this report; ii) also, for consistency in comparison, courses in which there were no book renters, or in which no book renter received a grade of "A", "B", "C", "D", "F", or "W" are excluded from this report.

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Demographic Comparison: Renters vs. Non-Renters

	Fall 2012			
	Book Renter		Not Book Renter	
	N	Pct	N	Pct
Female	1,580	62%	6,382	62%
Male	974	38%	3,848	38%
Total	2,554	100%	10,230	100%

	Fall 2012			
	Book Renter		Not Book Renter	
	N	Pct	N	Pct
Afr Am/ Black	858	34%	3,577	35%
Amer Indian	11	0%	36	0%
Asian/ Pac Isl	128	5%	680	7%
Hispanic/ Latino	1,155	45%	4,131	40%
Unknown	128	5%	570	6%
White	274	11%	1,236	12%
Total	2,554	100%	10,230	100%

	Fall 2012			
	Book Renter		Not Book Renter	
	N	Pct	N	Pct
17 & Under	67	3%	315	3%
18 - 20	933	37%	3,056	30%
21 - 25	694	27%	3,114	30%
26 - 30	297	12%	1,404	14%
31 & Over	563	22%	2,341	23%
Total	2,554	100%	10,230	100%

2,554 students receiving "A", "B", "C", "D", "F", or "W" marks participated in the book rental program in Fall 2012. The gender composition of renters and non-renters in Fall 2012 was identical. Hispanic/Latino students were the largest ethnic group to participate in the rental program and appeared more likely to participate – 45% of renters were Hispanic/Latino compared to 40% of non-renters in Fall 2012. Book renters in Fall 2012 trended younger than non-renters, as 37% of book renters were between 18 and 20, the largest age group represented, while 30% of non-book renters were in this age group.

The largest difference in educational goals of renters compared to non-renters was that the percentage of renters who initially indicated an educational goal related to transferring was higher (54%) than the percentage of non-renters (50%) who indicated a transfer-related goal on their applications.

Education Goals: Renters vs. Non-Renters

		Fall 2012					
		Book Renter		Not Book Renter		Total	
		N	Pct	N	Pct	N	Pct
Vocational	Advance in current job/career	47	2%	236	2%	283	2%
	Discover / develop career interests, plans and goals	94	4%	391	4%	485	4%
	Maintain certificate of license	24	1%	118	1%	142	1%
	Obtain a two-year vocational degree without transfer	33	1%	100	1%	133	1%
	Obtain a vocational certificate without transfer	31	1%	152	1%	183	1%
	Prepare for a new career	198	8%	836	8%	1,034	8%
	Subtotal	427	17%	1,833	18%	2,260	18%
Transfer	Obtain a Bachelor degree after completing an Associate degree	1,062	42%	3,717	36%	4,779	37%
	Obtain a Bachelor degree without completing an Associate degree	324	13%	1,347	13%	1,671	13%
	Subtotal	1,386	54%	5,064	50%	6,450	50%
General Ed.	Obtain a two-year Associate degree without transfer	195	8%	698	7%	893	7%
	Personal development	29	1%	204	2%	233	2%
	Subtotal	224	9%	902	9%	1,126	9%
Basic Skills	Complete credits for high school diploma or GED	34	1%	236	2%	270	2%
	Improve basic skills	28	1%	103	1%	131	1%
	Subtotal	62	2%	339	3%	401	3%
Undecided	Undecided	264	10%	1,149	11%	1,413	11%
	Subtotal	264	10%	1,149	11%	1,413	11%
Unknown	Unknown	191	7%	943	9%	1,134	9%
	Subtotal	191	7%	943	9%	1,134	9%
TOTAL		2,554	100%	10,230	100%	12,784	100%

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Course Successful Completion Rate Comparison: Renters vs. Non-Renters

Fall 2012				
Book Renter		Not Book Renter		
N	Success Rate	N	Success Rate	
TOTAL	2,554	61%	10,230	57%

Overall, students who rented their textbooks had a success rate of 61% while the success rate of non-renters was 57%, a difference of four percentage points. There was substantial variation by course, and it would be premature to draw any conclusions about individual courses based on the data at hand.

	Fall 2012			
	Book Renter		Not Book Renter	
	N	Success Rate	N	Success Rate
ACCTG 001	23	61%	235	60%
ADM JUS 001	31	61%	116	53%
ADM JUS 004	10	70%	65	71%
ADM JUS 006	2	50%	37	76%
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	Book Renter		Not Book Renter	
	N	Success Rate	N	Success Rate
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HISTORY 086	1	100%	43	51%
HOSPT 302	4	50%	29	76%
JAPAN 001	5	80%	27	52%
LAW 001	33	88%	154	64%
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MATH 215	1		16	25%
MATH 227	55	47%	153	46%
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MATH 241	28	32%	48	31%
MATH 260	9	33%	67	30%
MATH 261	9	33%	36	42%
MATH 262	9	67%	6	50%
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21 - 25	694	60%	3,114	53%
26 - 30	297	61%	1,404	58%
31 & Over	563	70%	2,341	60%

	Fall 2012			
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	N	Success Rate	N	Success Rate
Vocational	427	62%	1,833	61%
Transfer	1,386	62%	5,064	55%
General Ed.	224	63%	902	58%
Basic Skills	62	55%	339	52%
Undecided	264	56%	1,149	59%
Unknown	191	63%	943	58%

The demographic subgroups with the largest differences in success rate between book renters and renters were: African American/Black students (nine percentage point difference), White student (seven percentage points), and students of unknown ethnicity (ten percentage points), and who students initially indicated having a transfer-oriented educational goal (seven percentage points).

Of interest are the demographic subgroups in which renters have lower course success than non-renters: Asian American/Pacific Islander students, students age 17 and under, and students indicating "Undecided" as their initial educational goal. At present, drawing any conclusions about the cause of these differences is premature as they may be due to a number of factors that fall outside the scope of this report.

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