

**Chabot College**  
**Course Success and Withdrawal Rates**  
**Students with and without Learning Connection tutoring in same course\***  
**Fall 2012 through Spring 2014**  
**Selected high-enrollment courses across the curriculum**

Students who used Learning Connection tutoring services in the last few years have had higher success rates and lower withdrawal rates than students in the same course who did not use these services. The table below shows higher success rates for many courses, including high-enrollment basic skills and general education courses.

The Learning Connection includes the following lab centers that provide direct tutoring to students: Peer, Academic Tutoring Help (PATH) Center, the Writing and Reading Across the Curriculum (WRAC) Center, the Math Lab, the Language Center, and the World Languages Center. Students could have received tutoring in any of the centers, and they were compared to students in the same section who had not received any tutoring. Higher success rates mean that more students can go on to the next course rather than repeating the course and preventing others from taking it. This increases the number of students that Chabot can serve as well as the number of students who can succeed, persist, graduate, and transfer.

			Success	Non-success	Withdrawal		Total
			<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>Num</i>	<i>Pct**</i>
ENGLISH	101B	Learning Connection tutoring	89%	9%	2%	93	100%
		No tutoring	75%	13%	12%	413	100%
ENGLISH	102	Learning Connection tutoring	77%	14%	8%	271	99%
		No tutoring	60%	22%	17%	2,347	99%
ENGLISH	1A	Learning Connection tutoring	80%	13%	7%	280	100%
		No tutoring	68%	15%	17%	2,716	100%
ENGLISH	7	Learning Connection tutoring	87%	5%	8%	91	100%
		No tutoring	78%	6%	16%	910	100%
MATH	104	Learning Connection tutoring	57%	30%	13%	166	100%
		No tutoring	50%	33%	17%	883	100%
MATH	65	Learning Connection tutoring	45%	32%	25%	1,540	102%
		No tutoring	42%	32%	25%	1,822	99%
MATH	54	Learning Connection tutoring	51%	28%	21%	78	100%
		No tutoring	42%	32%	26%	341	100%
MATH	43	Learning Connection tutoring	66%	17%	18%	416	101%
		No tutoring	60%	18%	22%	1,616	100%
MATH	31	Learning Connection tutoring	60%	30%	10%	67	100%
		No tutoring	55%	23%	23%	594	101%
MATH	37	Learning Connection tutoring	59%	22%	19%	175	100%
		No tutoring	46%	29%	25%	614	100%
MATH	15	Learning Connection tutoring	60%	15%	25%	72	100%
		No tutoring	48%	15%	37%	189	100%
MATH	20	Learning Connection tutoring	51%	15%	34%	162	100%
		No tutoring	49%	20%	31%	439	100%
MATH	1	Learning Connection tutoring	60%	17%	23%	203	100%
		No tutoring	55%	22%	22%	347	99%
MATH	2	Learning Connection tutoring	63%	15%	23%	164	101%
		No tutoring	56%	20%	24%	256	100%
MATH	3	Learning Connection tutoring	83%	11%	6%	126	100%
		No tutoring	55%	24%	21%	127	100%
MATH	4	Learning Connection tutoring	85%	8%	6%	96	99%
		No tutoring	57%	15%	28%	54	100%
MATH	6	Learning Connection tutoring	90%	3%	7%	68	100%
		No tutoring	83%	7%	10%	86	100%

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			<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>Num</i>	<i>Pct**</i>
ANATOMY	1	Learning Connection tutoring	82%	5%	13%	77	100%
		No tutoring	79%	5%	16%	516	100%
BUSINESS	1A	Learning Connection tutoring	62%	20%	18%	82	100%
		No tutoring	57%	16%	27%	769	100%
BUSINESS	1B	Learning Connection tutoring	82%	9%	9%	33	100%
		No tutoring	79%	9%	11%	553	99%
BUSINESS	7	Learning Connection tutoring	73%	10%	17%	41	100%
		No tutoring	56%	18%	26%	352	100%
CHEM	30B	Learning Connection tutoring	85%	3%	13%	40	101%
		No tutoring	77%	8%	15%	226	100%
COMM	1	Learning Connection tutoring	88%	9%	3%	583	100%
		No tutoring	64%	15%	20%	1,305	99%
COMM	20	Learning Connection tutoring	74%	23%	3%	35	100%
		No tutoring	56%	29%	16%	45	101%
COMM	2A	Learning Connection tutoring	90%	6%	3%	31	99%
		No tutoring	62%	28%	11%	76	101%
COMM	46	Learning Connection tutoring	74%	17%	9%	35	100%
		No tutoring	72%	13%	16%	257	101%
CSCI	14	Learning Connection tutoring	71%	23%	6%	35	100%
		No tutoring	51%	22%	27%	295	100%
ESL	110A	Learning Connection tutoring	71%	29%	0%	45	100%
		No tutoring	59%	27%	14%	240	100%
ESL	110B	Learning Connection tutoring	88%	10%	3%	72	101%
		No tutoring	70%	17%	12%	241	99%
ESL	110D	Learning Connection tutoring	73%	25%	2%	59	100%
		No tutoring	69%	21%	10%	188	100%
FRNC	1A	Learning Connection tutoring	49%	30%	21%	182	100%
		No tutoring	36%	11%	53%	142	100%
HISTORY	7	Learning Connection tutoring	70%	15%	15%	53	100%
		No tutoring	59%	22%	19%	928	100%
HISTORY	20	Learning Connection tutoring	48%	42%	9%	64	99%
		No tutoring	30%	36%	34%	124	100%
HEALTH	1	Learning Connection tutoring	83%	13%	4%	23	100%
		No tutoring	57%	24%	18%	1,209	99%
PHSI	1	Learning Connection tutoring	87%	6%	6%	31	99%
		No tutoring	80%	7%	13%	238	100%
PSYCH	1	Learning Connection tutoring	73%	20%	7%	122	100%
		No tutoring	62%	24%	14%	1,840	100%
SOCIOLOGY	1	Learning Connection tutoring	84%	9%	6%	32	99%
		No tutoring	70%	19%	12%	963	101%
SPAN	1A	Learning Connection tutoring	58%	27%	15%	725	100%
		No tutoring	39%	26%	36%	317	101%
SPAN	1B	Learning Connection tutoring	68%	12%	20%	165	100%
		No tutoring	59%	10%	31%	119	100%
<b>TOTAL</b>		<b>Learning Connection tutoring</b>				<b>6,633</b>	
		<b>No tutoring</b>				<b>24,697</b>	

\*Learning Connection tutoring could take place in any center (PATH, WRAC, Math, Language, or World Languages Lab)

\*Success rates are from sections that had both students who were and were not tutored. \*\*May not add to 100% due to rounding

\*Success = a grade of 'A', 'B', 'C', 'CR', or 'P'; Non-success = a grade of 'D', 'F', 'I', 'NC', or 'NP'; Withdrawal = 'W' or 'MW'.

NOTE: Spring 11 Tutoring data includes only WRAC, Language Lab, and World Language Lab tutoring.