

**Chabot College**  
**Students with and without Learning Connection tutoring in same course\***  
**Fall 2015 through Spring 2017**  
**Selected high-enrollment courses across the curriculum**  
**Course Success and Withdrawal Rate**

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 the courses with higher success rates for tutored students, including many high-enrollment basic skills or GE courses.

The Learning Connection includes the following lab and centers that provide direct tutoring to students: the Learning Connection Center, the Writing and Reading Across the Curriculum (WRAC) Center, the STEM Center, the ESL Language Center and the Communications Studies Lab.

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 101A		Learning Connection tutoring	<b>81%</b>	15%	4%	95	100%
		No tutoring	<b>59%</b>	20%	21%	870	100%
ENGLISH 101B		Learning Connection tutoring	<b>92%</b>	4%	4%	52	100%
		No tutoring	<b>69%</b>	16%	15%	455	100%
ENGLISH 102		Learning Connection tutoring	<b>72%</b>	21%	7%	189	100%
		No tutoring	<b>63%</b>	19%	18%	1,572	100%
ENGLISH 1A		Learning Connection tutoring	<b>83%</b>	9%	9%	287	100%
		No tutoring	<b>66%</b>	16%	19%	3,325	100%
ENGLISH 4		Learning Connection tutoring	<b>82%</b>	10%	8%	122	100%
		No tutoring	<b>69%</b>	12%	19%	1,592	100%
ENGLISH 7		Learning Connection tutoring	<b>82%</b>	7%	12%	92	100%
		No tutoring	<b>75%</b>	9%	16%	927	100%
ESL 110A		Learning Connection tutoring	<b>57%</b>	43%	0%	21	100%
		No tutoring	<b>43%</b>	42%	15%	216	100%
ESL 110B		Learning Connection tutoring	<b>68%</b>	23%	9%	22	100%
		No tutoring	<b>62%</b>	18%	19%	181	100%
ESL 110C		Learning Connection tutoring	<b>63%</b>	25%	13%	40	100%
		No tutoring	<b>58%</b>	28%	15%	330	100%
ESL 110D		Learning Connection tutoring	<b>77%</b>	16%	6%	31	100%
		No tutoring	<b>64%</b>	21%	16%	234	100%
MATH 103		Learning Connection tutoring	<b>57%</b>	30%	13%	54	100%
		No tutoring	<b>51%</b>	35%	15%	453	100%
MATH 55		Learning Connection tutoring	<b>55%</b>	23%	22%	260	100%
		No tutoring	<b>49%</b>	24%	27%	2,178	100%
MATH 43		Learning Connection tutoring	<b>60%</b>	18%	22%	305	100%
		No tutoring	<b>55%</b>	20%	25%	1,959	100%
MATH 37		Learning Connection tutoring	<b>62%</b>	20%	18%	135	100%
		No tutoring	<b>44%</b>	25%	31%	850	100%
MATH 20		Learning Connection tutoring	<b>65%</b>	16%	19%	113	100%
		No tutoring	<b>58%</b>	18%	23%	570	100%
MATH 15		Learning Connection tutoring	<b>59%</b>	17%	24%	54	100%
		No tutoring	<b>49%</b>	19%	32%	192	100%
MATH 53		Learning Connection tutoring	<b>65%</b>	22%	13%	157	100%
		No tutoring	<b>54%</b>	22%	24%	928	100%

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MATH	53A	Learning Connection tutoring	60%	30%	10%	20	100%
		No tutoring	31%	45%	24%	169	100%
MATH	3	Learning Connection tutoring	83%	11%	6%	71	100%
		No tutoring	73%	13%	14%	192	100%
MATH	2	Learning Connection tutoring	70%	10%	20%	115	100%
		No tutoring	53%	18%	30%	377	100%
MATH	6	Learning Connection tutoring	89%	4%	7%	46	100%
		No tutoring	76%	8%	17%	144	100%
BIOL	10	Learning Connection tutoring	77%	14%	9%	22	100%
		No tutoring	66%	16%	19%	281	100%
BUS	1A	Learning Connection tutoring	74%	16%	9%	117	100%
		No tutoring	65%	13%	22%	1,027	100%
BUS	1B	Learning Connection tutoring	84%	9%	6%	32	100%
		No tutoring	78%	11%	11%	464	100%
BUS	7	Learning Connection tutoring	65%	18%	18%	34	100%
		No tutoring	57%	15%	28%	316	100%
CHEM	1A	Learning Connection tutoring	70%	11%	19%	80	100%
		No tutoring	62%	14%	23%	458	100%
CHEM	1B	Learning Connection tutoring	77%	14%	9%	35	100%
		No tutoring	64%	17%	18%	228	100%
CHEM	30A	Learning Connection tutoring	77%	13%	10%	107	100%
		No tutoring	72%	12%	17%	601	100%
CHEM	31	Learning Connection tutoring	71%	12%	17%	65	100%
		No tutoring	61%	16%	23%	473	100%
COMM	1	Learning Connection tutoring	80%	13%	7%	999	100%
		No tutoring	63%	14%	23%	1,494	100%
COMM	20	Learning Connection tutoring	86%	8%	6%	36	100%
		No tutoring	58%	21%	21%	152	100%
COMM	46	Learning Connection tutoring	95%	3%	3%	40	100%
		No tutoring	75%	14%	11%	170	100%
CSCI	14	Learning Connection tutoring	66%	15%	19%	59	100%
		No tutoring	58%	17%	25%	379	100%
HISTORY	7	Learning Connection tutoring	71%	20%	8%	49	100%
		No tutoring	51%	28%	21%	999	100%
PSY	5	Learning Connection tutoring	96%	4%	0%	25	100%
		No tutoring	90%	4%	6%	296	100%
SPA	1A	Learning Connection tutoring	60%	19%	21%	62	100%
		No tutoring	47%	22%	32%	650	100%
<b>TOTAL</b>		<b>Learning Connection tutoring</b>				<b>4,043</b>	
		<b>No tutoring</b>				<b>25,702</b>	

**NOTES:**

\*Learning Connection tutoring could take place in any lab or center (Learning Connection, WRAC, STEM, ESL Language Center, or Communication Studies 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'.

\*If courses are not listed they either had no tutored students or there was no difference in success between tutored and non tutored students.