

**Chabot College**  
**Course Success and Withdrawal Rates**  
**Students with and without Learning Connection tutoring in same course\***  
**Fall 2009 through Fall 2011**  
**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 of the major 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
			Pct	Pct	Pct	Num	Pct**
ANATOMY	1	Learning Connection tutoring	81%	12%	7%	184	100%
		No tutoring	75%	7%	18%	645	100%
BIOLOGY	31	Learning Connection tutoring	47%	33%	20%	91	100%
		No tutoring	48%	25%	27%	909	100%
BUSINESS	1A	Learning Connection tutoring	66%	15%	19%	116	100%
		No tutoring	52%	16%	33%	1,232	101%
CHEMISTRY	31	Learning Connection tutoring	72%	17%	10%	69	99%
		No tutoring	63%	13%	24%	464	100%
COMM ST	1	Learning Connection tutoring	91%	7%	2%	281	100%
		No tutoring	68%	16%	16%	1,129	100%
ENGLISH	101B	Learning Connection tutoring	70%	24%	7%	89	101%
		No tutoring	65%	20%	15%	743	100%
ENGLISH	102	Learning Connection tutoring	74%	17%	9%	216	100%
		No tutoring	63%	21%	16%	1,801	100%
ENGLISH	1A	Learning Connection tutoring	75%	13%	12%	252	100%
		No tutoring	66%	16%	18%	2,960	100%
HEALTH	1	Learning Connection tutoring	72%	17%	11%	46	100%
		No tutoring	66%	21%	14%	2,254	101%
GEOGRAPHY	1	Learning Connection tutoring	87%	8%	5%	85	100%
		No tutoring	66%	24%	10%	1,335	100%
HISTORY	7	Learning Connection tutoring	65%	22%	13%	82	100%
		No tutoring	53%	21%	26%	1,568	100%
MATH	103	Learning Connection tutoring	45%	44%	11%	96	100%
		No tutoring	35%	36%	29%	356	100%
MATH	40	Learning Connection tutoring	68%	11%	21%	38	100%
		No tutoring	53%	19%	28%	211	100%
MATH	43	Learning Connection tutoring	63%	18%	19%	750	100%
		No tutoring	55%	17%	27%	1,592	99%
MATH	1	Learning Connection tutoring	53%	18%	28%	281	99%
		No tutoring	46%	19%	35%	363	100%
PSYCH	1	Learning Connection tutoring	70%	23%	7%	43	100%
		No tutoring	78%	18%	15%	1,011	111%
SOCIOLOGY	1	Learning Connection tutoring	84%	6%	10%	31	100%
		No tutoring	67%	19%	14%	1,182	100%
<b>TOTAL</b>		<b>Learning Connection tutoring</b>				<b>2,750</b>	
		<b>No tutoring</b>				<b>19,755</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', 'T', 'NC', or 'NP'; Withdrawal = 'W' or 'MW'.

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