

De Anza College Office of Institutional Research and Planning

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Subject: Learning in Communities (LinC) Success Rates, 2014 to 2016

LinC (Learning in Communities) is an innovative approach to learning designed for student success that links two or more classes together with a common theme, content, and materials. These courses are open to all De Anza students and are designed to offer a better way to learn.

This report analyzes the success rates of LinC students who were enrolled in LART, EWRT, and READ 200 or 211 courses between 2013-14 and 2015-16 academic years. The success rates of LinC students are compared with non-LinC students in the same courses, but in a non-LinC section. In addition, the success rates of LinC targeted student populations¹ was compared with non-LinC targeted student populations. Retention rates for LinC courses were calculated and compared with non-LinC courses.

Success includes A, B, C, and P grades, Non-success includes D, F, and I grades and Withdraw are W grades. The retention rate calculates the percentage of students who do not withdraw from class and who receive a valid grade (A, B, C, P, D, F, NP, I / A, B, C, P, D, F, I, NP, P, W).

Highlights Include

- A higher rate of African American students were enrolled in LinC (8%) than non-LinC (5%) courses, and fewer White students were enrolled in LinC (6%) than non-LinC (13%) courses.
- Male students had a slightly larger majority in LinC (51%) and non-LinC (53%) courses than female students.
- LinC courses had a higher retention rate than non-LinC courses by 8%. This retention rate difference was the same between targeted and non-targeted LinC students.
- A combined analysis of all three academic years showed that LinC students had a higher success rate than non-LinC students across all courses except EWRT 200 (LinC 75%, non-LinC 77%) and READ 200 (LinC 72%, non-LinC 75%).
- Among the targeted population, success rates were also higher in all LinC than non-LinC courses with the exception of READ 200 (LinC 73%, non-LinC 76%).

¹ Targeted student populations include African American, Latino/a, and Filipino students.

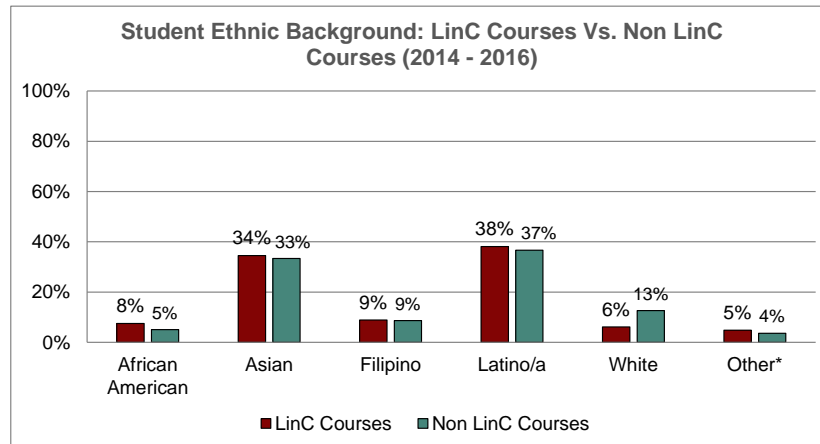
Demographic Information

Ethnicity:

The rates of enrollment between LinC and non-LinC courses was similar across all ethnic groups. A few differences between the two groups can be observed among African American students and White students:

- More students who identify as African American were enrolled in LinC courses (8%) than non-LinC courses (5%).
- Less students who identify as White were enrolled in LinC courses (6%) than non-LinC courses (13%).

	LinC		Non LinC	
	Students	Percent	Students	Percent
African American	111	8%	492	5%
Asian	507	34%	3,249	33%
Filipino	131	9%	841	9%
Latino/a	560	38%	3,570	37%
White	90	6%	1,229	13%
Other*	71	5%	350	4%
Total	1,470	100%	9,731	100%

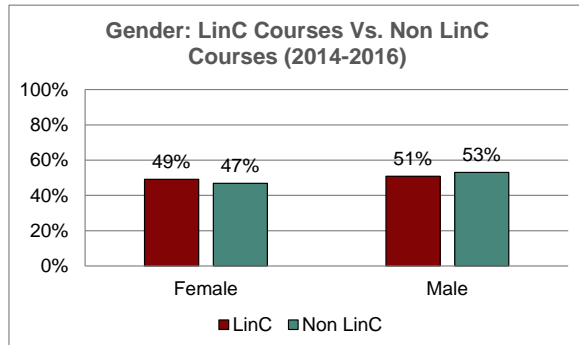


*Other includes Native American, Pacific Islander, and Decline to State

Gender:

- LinC courses: 49% of students were female and 51% were male.
- Non-LinC courses: 47% of students were female and 53% were male.

	LinC		Non LinC	
	Students	Percent	Students	Percent
Female	722	49%	4,562	47%
Male	748	51%	5,169	53%
Total	1,470	100%	9,731	100%

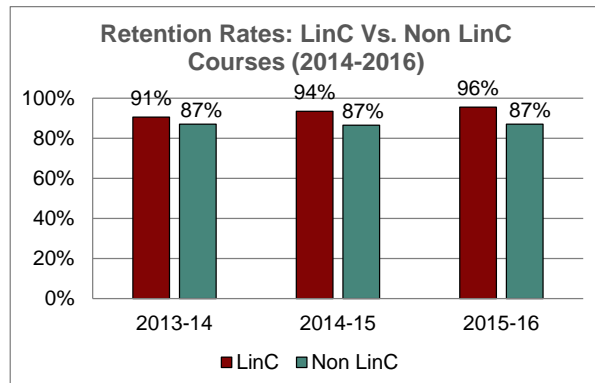


Retention Rates

Retention Rates by Year:

Students who were enrolled in LinC courses were less likely to withdraw from their classes than non-LinC students. This can be observed consistently for each academic year that was analyzed. The highest retention rate for LinC courses was in 2015-16 (96%) while the lowest retention rate was in 2013-14 (91%).

Retention By Year		All Students	Retained Count	Retention Rate
2013-14	LinC	570	517	91%
	Non LinC	3,942	3,421	87%
2014-15	LinC	504	472	94%
	Non LinC	4,006	3,498	87%
2015-16	LinC	460	440	96%
	Non LinC	3,850	3,345	87%
Total		13,332	11,693	88%



Non-Targeted vs. Targeted Population Retention Rates:

The retention rates of targeted populations were lower than non-targeted populations by 2 percentage points among LinC and non-LinC courses. However, retention rates among targeted and non-targeted groups were 7 percentage points higher in LinC courses than non-LinC courses.

	LinC Retention Rate			Non-LinC Retention Rate			Difference (LinC%-Non-LinC%)
	Students	Retained	Percent	Students	Retained	Percent	
All Students	1,507	1,403	93%	10,575	9,120	86%	7%
Targeted Population	829	752	91%	5,392	4,521	84%	7%

Success Rates: 2013-2014

Developmental Reading/Writing

			Success		Non Success		Withdraw		Total	
			Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	LARTD200.	LinC	76	82%	10	11%	7	8%	93	100%
	EWRTD200.	Non LinC	448	76%	83	14%	56	10%	587	100%
	READD200.	Non LinC	288	72%	60	15%	54	13%	402	100%
Targeted Population	LARTD200.	LinC	40	84%	8	12%	3	4%	51	100%
	EWRTD200.	Non LinC	195	78%	48	15%	25	7%	268	100%
	READD200.	Non LinC	141	72%	35	15%	29	13%	205	100%

Integrated Reading/Writing

			Success		Non Success		Withdraw		Total	
			Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	LARTD211.	LinC	425	81%	51	10%	46	9%	522	100%
	EWRTD211.	Non LinC	1,855	72%	457	18%	270	10%	2,582	100%
	READD211.	Non LinC	1,599	78%	257	12%	207	10%	2,063	100%
Targeted Population	LARTD211.	LinC	226	80%	33	11%	34	9%	293	100%
	EWRTD211.	Non LinC	814	70%	244	20%	135	10%	1,193	100%
	READD211.	Non LinC	688	73%	162	16%	116	11%	966	100%

Success Rates: 2014-2015

Fundamentals of Writing

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	EWRTD200. - LinC	53	74%	10	14%	9	13%	72	100%
	EWRTD200.- Non LinC	478	76%	105	17%	50	8%	633	100%
Targeted	EWRTD200. - LinC	25	76%	3	9%	7	14%	35	100%
Population	EWRTD200.- Non LinC	231	73%	61	16%	37	11%	329	100%

Preparatory Writing Skills

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	EWRTD211. - LinC	350	77%	84	19%	18	4%	452	100%
	EWRTD211.- Non LinC	1884	71%	471	18%	282	11%	2637	100%
Targeted	EWRTD211. - LinC	176	72%	53	22%	17	6%	246	100%
Population	EWRTD211.- Non LinC	862	68%	270	20%	170	12%	1302	100%

Reading Fundamentals

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	READD200. - LinC	48	67%	16	22%	8	11%	72	100%
	READD200.- Non LinC	309	76%	63	15%	37	9%	409	100%
Targeted	READD200. - LinC	20	65%	9	24%	6	11%	35	100%
Population	READD200.- Non LinC	165	76%	44	15%	23	9%	232	100%

Developmental Reading

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	READD211. - LinC	364	81%	68	15%	19	4%	451	100%
	READD211.- Non LinC	1694	78%	259	12%	214	10%	2167	100%
Targeted	READD211. - LinC	188	77%	42	17%	17	6%	247	100%
Population	READD211.- Non LinC	761	74%	167	16%	120	10%	1048	100%

Success Rates: 2015-2016

Fundamentals of Writing

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	EWRTD200. - LinC	58	76%	11	14%	7	9%	76	100%
	EWRTD200.- Non LinC	534	80%	82	12%	51	8%	667	100%
Targeted	EWRTD200. - LinC	32	81%	7	12%	4	7%	43	100%
Population	EWRTD200.- Non LinC	231	81%	40	10%	33	9%	304	100%

Preparatory Writing Skills

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	EWRTD211. - LinC	356	83%	61	14%	11	3%	428	100%
	EWRTD211.- Non LinC	1798	71%	459	18%	282	11%	2539	100%
Targeted	EWRTD211. - LinC	189	83%	34	13%	10	3%	233	100%
Population	EWRTD211.- Non LinC	850	69%	259	20%	168	11%	1277	100%

Reading Fundamentals

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	READD200. - LinC	59	78%	11	14%	6	8%	76	100%
	READD200.- Non LinC	354	78%	56	12%	42	9%	452	100%
Targeted	READD200. - LinC	31	79%	9	16%	3	5%	43	100%
Population	READD200.- Non LinC	185	80%	32	12%	25	8%	242	100%

Developmental Reading

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	READD211. - LinC	362	85%	54	13%	12	3%	428	100%
	READD211.- Non LinC	1704	79%	269	12%	195	9%	2168	100%
Targeted	READD211. - LinC	188	83%	34	14%	10	3%	232	100%
Population	READD211.- Non LinC	795	77%	162	14%	104	9%	1061	100%

Success Rate Combined (2014-2016)

Developmental Reading/Writing

	Success		Non Success		Withdraw		Total	
	Students	Percent	Students	Percent	Students	Percent	Students	Percent
LARTD200. - LinC	76	81%	10	11%	8	9%	94	100%
LARTD200. -Targeted LinC	40	84%	8	12%	3	4%	51	100%

Integrated Reading/Writing

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	LARTD211. - LinC	440	81%	55	10%	48	9%	543	100%
	LARTD211.-Non LinC	15	58%	8	31%	3	12%	26	100%
Targeted	LARTD211. - LinC	228	80%	34	11%	35	9%	297	100%
Population	LARTD211.-Non LinC	7	71%	1	11%	2	18%	10	100%

Fundamentals of Writing

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	EWRTD200. - LinC	111	75%	21	14%	16	11%	148	100%
	EWRTD200.-Non LinC	1460	77%	270	14%	157	8%	1887	100%
Targeted	EWRTD200. - LinC	57	79%	10	11%	11	10%	78	100%
Population	EWRTD200.-Non LinC	657	77%	143	14%	94	9%	894	100%

Preparatory Writing Skills

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	EWRTD211. - LinC	706	80%	145	16%	29	3%	880	100%
	EWRTD211.-Non LinC	5537	71%	1387	18%	834	11%	7758	100%
Targeted	EWRTD211. - LinC	365	77%	86	18%	27	5%	478	100%
Population	EWRTD211.-Non LinC	2526	69%	732	20%	456	11%	3714	100%

Reading Fundamentals

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	READD200. - LinC	107	72%	27	18%	14	9%	148	100%
	READD200.-Non LinC	951	75%	179	14%	133	11%	1263	100%
Targeted	READD200. - LinC	51	73%	18	19%	9	8%	78	100%
Population	READD200.-Non LinC	491	76%	107	14%	75	10%	673	100%

Developmental Reading

		Success		Non Success		Withdraw		Total	
		Students	Percent	Students	Percent	Students	Percent	Students	Percent
All Students	READD211. - LinC	726	83%	122	14%	31	4%	879	100%
	READD211.-Non LinC	4997	78%	785	12%	616	10%	6398	100%
Targeted	READD211. - LinC	376	80%	75	15%	27	5%	478	100%
Population	READD211.-Non LinC	2244	75%	465	15%	329	10%	3038	100%