

HLC Criterion 3

Learning Communities success and persistence

NOTE: Fall 2007/2008 data pulled 2/24/2009 by Stephen Crynes

NOTE: Fall 2009 data pulled 3/1/2010 by David Peyton

Tests of significance were performed using Fisher's test of significance which corrects approximations normally used in Chi-Square testing.

In the following tables, each Learning Community was tested for statistical significance with the Normal grouping. The analysis was performed on a Pass/Fail ratio.

The hyperlink below performs the significance correlation calculation at th 95% confidence level.

<http://www.graphpad.com/quickcalcs/contingency2.cfm>

Success

Fall 07	Learning Community			Normal			Total		
	Total N	Success N	Success Rate	Total N	Success N	Success Rate	Total N	Success N	Success Rate
ENGL 1113	45	27	60.0	1,882	1,182	62.8	1,927	1,209	62.7
HIST 1493	25	19	76.0	1,140	711	62.4	1,165	730	62.7
LS 0033	21	15	71.4	582	339	58.2	603	354	58.7
LS 0213	21	16	76.2	410	248	60.5	431	264	61.3
SOC 113	21	5	23.8*	571	382	66.9	592	387	65.4

* Statistically Significant at the p<.05 level

Fall 08	Learning Community			Normal			Total		
	Total N	Success N	Success Rate	Total N	Success N	Success Rate	Total N	Success N	Success Rate
ENGL 1113	48	28	58.3	1,778	1,150	64.7	1,825	1,178	64.5
HIST 1493	23	18	78.3	1,131	768	67.9	1,154	786	68.1
LS 0033	22	14	63.6	621	356	57.3	643	373	57.5
LS 0213	21	15	71.4	357	193	54.1	378	208	55.0
MATH 1513	24	10	41.7	950	563	59.3	974	573	58.8

* Statistically Significant at the p<.05 level (None)

Fall 09	Learning Community			Normal			Total		
	Total N	Success N	Success Rate	Total N	Success N	Success Rate	Total N	Success N	Success Rate
ENGL 1113	49	27	55.1	2,068	1,275	61.7	2,117	1,302	61.5
HIST 1493	24	18	75.0	1,329	924	69.5	1,353	942	69.6
LS 0033	24	22	91.7*	847	492	58.1	871	514	59.0
LS 0213	24	22	91.7*	489	290	59.3	513	312	60.8
MATH 1513	25	16	64.0	1,085	644	59.4	1,110	660	59.5

* Statistically Significant at the p<.05 level

Persistence

Fall 07	Learning Community			Normal			Total		
	Total N	Persistence N	Persistence	Total N	Persistence N	Persistence	Total N	Persistence N	Persistence
ENGL 1113	46	32	69.6	1,889	1,336	70.7	1,935	1,368	70.7
HIST 1493	25	20	80.0	1,145	793	69.3	1,170	813	69.5
LS 0033	21	15	71.4	582	355	61.0	603	370	61.4
LS 0213	21	15	71.4	410	238	58.0	431	253	58.7
SOC 113	21	12	57.1	571	392	68.7	978	694	71.0

* Statistically Significant at the p<.05 level (None)

Fall 08	Learning Community			Normal			Total		
	Total N	Persistence N	Persistence	Total N	Persistence N	Persistence	Total N	Persistence N	Persistence
ENGL 1113	48	35	72.9	1,782	1,306	73.3	1,830	1,341	73.3
HIST 1493	24	18	75.0	1,140	787	69.0	1,164	805	69.2
LS 0033	22	16	72.7	624	374	59.9	646	390	60.4
LS 0213	21	16	76.2	357	207	58.0	378	223	59.0
MATH 1513	24	17	70.8	954	677	71.0	992	704	70.8

* Statistically Significant at the p<.05 level (None)

Fall 09	Learning Community			Normal			Total		
	Total N	Persistence N	Persistence	Total N	Persistence N	Persistence	Total N	Persistence N	Persistence
ENGL 1113	49	35	71.4	2,068	1,461	70.6	2,117	1,496	70.7
HIST 1493	24	16	66.7	1,329	959	72.2	1,353	975	72.1
LS 0033	24	22	91.7*	847	544	64.2	871	566	65.0
LS 0213	24	22	91.7*	489	324	66.3	513	346	67.4
MATH 1513	25	19	76.0	1,085	765	70.5	1,110	784	70.6

* Statistically Significant at the p<.05 level