

## Correlation between library usage and English course success

Here are two tables and a visual of library influence on course success in English sequence courses for Fall 2014.

The last column of the first table shows enrollment count and % of enrollment which were successful in courses separated by Workshop, Circulation, and Computer usage. There is a positive correlation between use of library services and English Course Success. The group identified as having used all three services contained the highest success rate (84%) while students who did not appear to have used any of the library services contained the lowest success rate (44%). Self-selection may be a confounding issue which needs to be examined further.

Workshop participation appeared to correlate most highly with student success and further analysis was conducted between students who completed at least 1 workshop and those who did not participate in workshops. The data is displayed in the second table. Overall students who completed at least 1 workshop succeeded at 78% compared with 52% for those who do not participate in workshops.

The bar graph displays this information graphically by English course. Only 10% of English 91 students completed at least 1 workshop but the proportions increase among students within other English courses in Fall 2014. This phenomenon highlights the need to further examine the self-selection issue. Sixty-two percent of English 1A students completed at least 1 workshop. The group of English 1A students who completed at least 1 workshop had a 21% higher success rate than students who did not participate in workshops. These results adds to a growing body of evidence that participation in library services is positively correlated with student success.

Fall 2014	ENGLISH 91		ENGLISH 92		ENGLISH 93		ENGLISH 96		ENGLISH 1A		ENGLISH 1B		ENGLISH 1C		Overall	
Library_Influence	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment
Wkshp, Circ, Computer Usage	100%	8	83%	42	88%	86	86%	140	82%	226	86%	76	67%	18	84%	596
Workshop and Circulation	0%	0	86%	7	86%	22	75%	48	70%	87	90%	31	90%	10	78%	205
Workshop and Computer Usage	88%	17	84%	50	83%	116	82%	201	70%	266	65%	96	80%	35	76%	781
Circulation and Computer Usage	74%	27	84%	31	69%	109	80%	51	80%	70	76%	63	86%	14	76%	365
Workshop	92%	13	72%	39	81%	96	74%	231	70%	400	85%	168	77%	35	75%	982
Circulation	71%	17	60%	20	63%	49	53%	32	75%	28	70%	27	73%	15	65%	188
Computer Usage	58%	65	67%	95	58%	223	53%	129	63%	113	57%	69	64%	22	59%	716
No Library	42%	200	44%	273	42%	588	38%	364	41%	341	55%	307	50%	90	44%	2,163
Total	54%	347	60%	557	58%	1,289	63%	1,196	65%	1,531	68%	837	66%	239	63%	5,996

Fall 2014	ENGLISH 91		ENGLISH 92		ENGLISH 93		ENGLISH 96		ENGLISH 1A		ENGLISH 1B		ENGLISH 1C		Overall	
Library_Workshops	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment	% success	Enrollment
At least 1 Workshop	92%	38	80%	138	84%	320	79%	620	73%	979	80%	371	78%	98	78%	2,564
No Workshop	50%	309	53%	419	50%	969	46%	576	52%	552	59%	466	58%	141	52%	3,432
Total	54%	347	60%	557	58%	1,289	63%	1,196	65%	1,531	68%	837	66%	239	63%	5,996

## English success in relation to Library workshop attendance

