



**Santa Ana College
Transfer-Level Course Success for Students Enrolled
With Different Levels of English Acquisition
Fall 2007-Fall 2009**

July 2010

Recent interest around the state regarding pre-requisites prompted the RSCCD Research Department to compile data that could be used by Santiago Canyon College faculty to initiate a discussion locally. Student records were analyzed to see if English acquisition has an impact on transfer-level course success for the last three fall semesters (Fall 2007, Fall 2008, and Fall 2009). The four levels of English leading to transfer that we analyzed are: English N50 (Introduction to Written Communication), English N60 (Basics of Effective Writing), English 061 (Introduction to Composition) and English 101 (Freshman Composition).

The table (on the next page) shows the number of grades given and percent of those who were successful in the transfer-level course by the English course that they successfully completed (with a grade of A, B, C, or Cr) concurrently or prior to the semester of the transfer-level course enrollment. The table contains courses in almost every major department; however, labs, seminars and academies are NOT included in this analysis. Only transferable courses with 100 or more enrollments were included. Findings include:

- Overall, the higher English acquisition, the higher the rate of success in transfer-level courses.
- There were minor exceptions to this overall findings:
 - Courses such as Accounting 101, Economic 120 and 121, and Music 103 counts were very small so each count equates to large percentage differences
 - Courses such as Computer 100 and Math 170 and 219 may not entail as much English as other courses.

There are many other intervening variables that faculty should consider when assessing the impact of pre-requisites/co-requisites on students' success in any course. The intention of this piece is to start a discussion that could provoke further investigation/research prior to implementing such pre-requisites/co-requisites in their classroom. The Research Department will be happy to assist faculty having content expertise to guide the process.

Santa Ana College
Transfer-Level Course Success by Successful English Course Completion

Transfer-Level Course Title	Successful English Course Completion (concurrent with/prior to Transfer-Level Course Enrollment)							
	English N50		English N60		English 061		English 101	
	% A,B,C,CR	# Grades Rec'd	% A,B,C,CR	# Grades Rec'd	% A,B,C,CR	# Grades Rec'd	% A,B,C,CR	# Grades Rec'd
ACCT 101 ACCOUNTNG	71%	7	47%	17	65%	34	74%	80
ANTH 100 CULTL ANTH	60%	5	60%	10	70%	40	84%	79
ANTH 101 INTR/PHYS	33%	6	62%	13	74%	39	88%	104
ART 100 ART CONCP	60%	25	80%	69	82%	141	90%	206
ASTR 109 INTR SOLA		-	82%	11	58%	43	73%	56
BIOL 109 FUND/BIOL	33%	43	49%	79	67%	198	81%	348
BIOL 239 HUMN ANAT	14%	7	35%	20	33%	49	48%	88
CHEM 209 INTRODUCT	67%	3	75%	12	59%	27	76%	89
CHST 101 CHICANO	50%	14	54%	24	69%	55	94%	50
CJ 101 INTR/CJ	60%	30	73%	88	67%	112	85%	105
CMPR 100 CMPR & SOC	73%	26	70%	50	82%	78	77%	111
CNSL 107 FRESHMAN	91%	70	92%	131	92%	189	91%	89
CNSL 111 LEARN SKL	100%	2	88%	8	84%	58	83%	46
CNSL 116 PLAN/EXPL	78%	130	83%	233	84%	293	85%	158
CNSL 144 REASONING	33%	6	36%	14	45%	33	75%	77
ECON 120 MACRO	67%	3	54%	24	64%	59	85%	117
ECON 121 MICRO	100%	2	50%	10	72%	25	84%	77
ERTH 110 INTR/ERTH	39%	28	64%	42	73%	88	80%	104
F-TC 101 FIRE PROT	75%	4	88%	8	88%	33	93%	57
GEOG 100 WRLD GEOG	27%	11	57%	23	66%	53	83%	93
HIST 101 16TH CENT	17%	6	31%	13	41%	51	59%	61
HIST 120 U.S./1865	60%	5	41%	22	58%	55	72%	137
HIST 121 FROM 1865	60%	5	83%	6	57%	23	66%	113
HIST 124 MEX/U.S.	33%	9	65%	48	76%	98	93%	127
HU-D 107 CHLD GROW	64%	22	68%	56	73%	82	83%	87
IDS 155 SEXUALITY	43%	7	26%	34	46%	56	68%	66
MATH 105 MATH/LIB	67%	12	56%	32	64%	73	85%	136
MATH 140 COLL ALGB	27%	15	50%	32	53%	79	53%	115
MATH 160 TRIGNMTRY	50%	4	59%	27	49%	53	55%	69
MATH 170 PRE-CALC		-	64%	11	69%	36	81%	53
MATH 219 STATISTCS	67%	3	77%	13	67%	51	70%	164

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Transfer-Level Course Success by Successful English Course Completion (Cont.)

Transfer-Level Course Title	Successful English Course Completion (concurrent with/prior to Transfer-Level Course Enrollment)							
	English N50		English N60		English 061		English 101	
	% A,B,C,CR	# Grades Rec'd	% A,B,C,CR	# Grades Rec'd	% A,B,C,CR	# Grades Rec'd	% A,B,C,CR	# Grades Rec'd
MUS 101 MUS APPR	44%	9	65%	17	70%	56	72%	110
MUS 103 JAZZ/AMER	67%	6	57%	7	76%	34	84%	82
PHIL 106 INTR/PHIL	50%	6	45%	11	53%	72	83%	119
PHIL 110 CRIT THNK		-	63%	8	94%	36	88%	217
POLT 101 INTR AM/G	44%	34	64%	84	75%	241	86%	368
PSYC 100 INTR/PSYC	39%	33	48%	87	65%	194	77%	310
SIGN 110 BEG COMMUN	83%	12	70%	27	70%	46	83%	71
SOC 100 INTR/SOC	59%	17	45%	33	71%	96	81%	178
SPAN 101 ELEMEN I	71%	21	80%	35	81%	58	86%	88
SPCH 101 INTR/COMM	64%	22	75%	69	83%	183	89%	236
SPCH 102 PBLC SPKG	78%	27	78%	64	86%	179	93%	249
STDY 109 LEARN SKL	57%	23	81%	58	77%	79	83%	58