

Fall 2013 – Report on Academic Performance of Supplemental Instruction Students

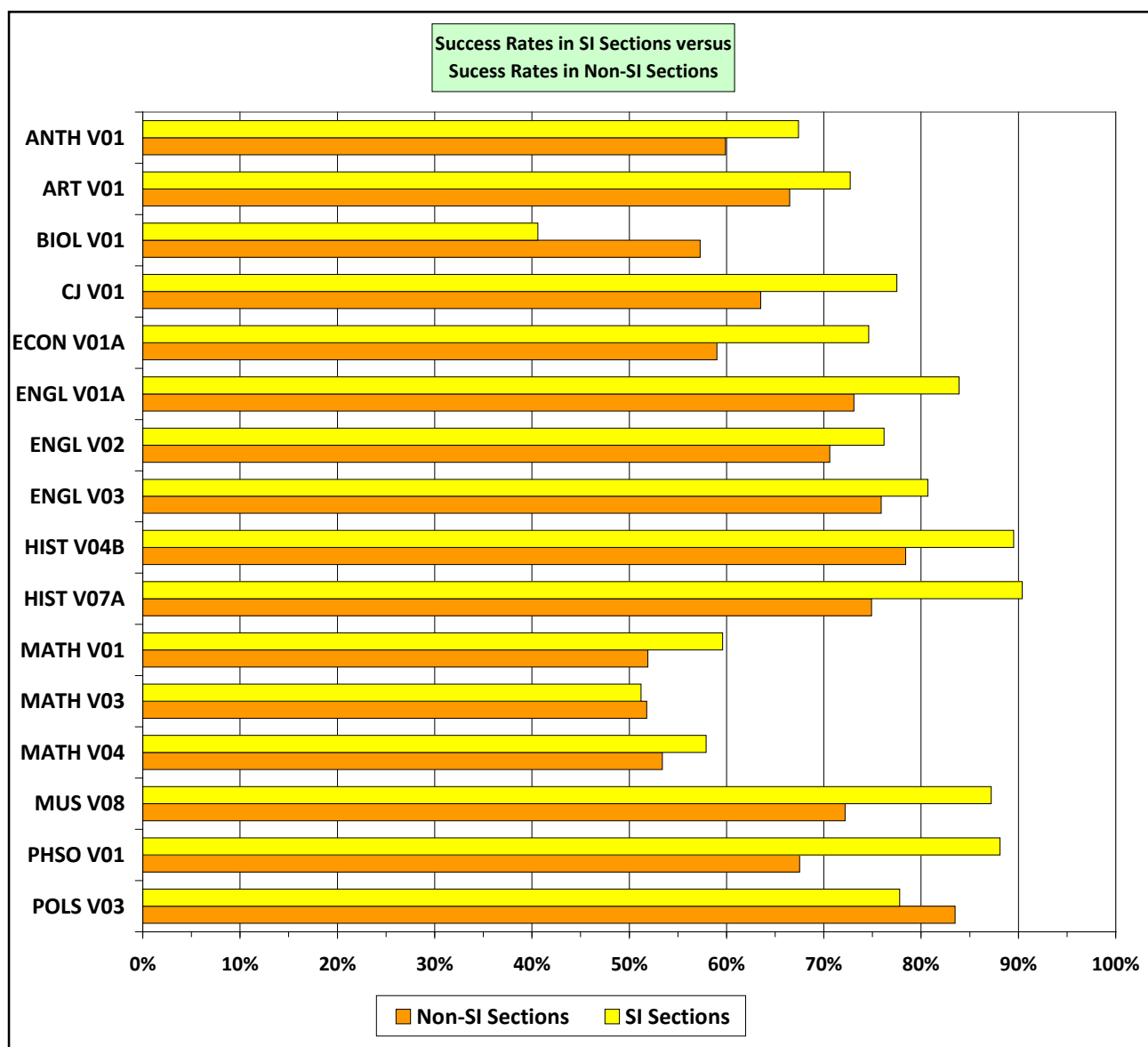
• **Introduction**

This report presents course outcomes data related to students enrolled in **fall 2013** sections that provided supplemental instruction (SI). Fall 2013 SI was funded by the college's **Title V *Velocidad* Grant and other sources**; it was offered in **53 sections (17 courses)**. Of the **2,055** student enrollments in SI sections, **987 (48%)** received SI services. The SI Tutorial Specialist is Sharon Oxford.

Analyses of success rates by course and section are provided on **pages 3 and 5**. The table on page 3 counts **any** student who received one/more SI services/interactions as being an SI student; the table on page 5 counts **only** those students who received five/more SI services or interactions as being an SI student. Demographics of SI students are presented on page 4.

• **SI Sections versus Non-SI Sections**

The chart below and table (on the next page) present **success rates** and **grades distributions** for courses in which SI was offered in one/more sections. Data are aggregated into two groups: **SI Sections** (sections in which SI was offered) and **Non-SI Sections** (sections in which SI was *not* offered). Differences between success rates are rendered in percentage points. Success is defined as a final grade of **A, B, C or P**.



VENTURA COLLEGE
Title V *Velocidad* Grant – 2012-2017

Fall 2013 – Report on Academic Performance of Supplemental Instruction Students

SI Sections versus Non-SI Sections – Success Rates and Grades Distributions												
Course ID	Section Status	Total Count	Successful		Grades Distributions							
			Num.	Rate	A	B	C	P	D	F	NP	W
ANTH V01	Yes	43	29	67.4%	10	11	8		3	3		8
ANTH V01	No	349	209	59.9%	48	72	89		33	20		87
Difference: SI minus Non-SI			+ 7.5									
ART V01	Yes	44	32	72.7%	21	6	5		1	7		4
ART V01	No	469	312	66.5%	151	100	61		32	44		81
Difference: SI minus Non-SI			+ 6.2									
BIOL V01	Yes	133	54	40.6%	10	21	23		9	29		41
BIOL V01	No	480	275	57.3%	81	89	105		47	78		80
Difference: SI minus Non-SI			- 16.7									
CJ V01	Yes	40	31	77.5%	19	9	3		2	2		5
CJ V01	No	148	94	63.5%	30	33	31		22	19		13
Difference: SI minus Non-SI			+ 14.0									
ECON V01A	Yes	71	53	74.6%	29	10	14		8	6		4
ECON V01A	No	361	213	59.0%	61	77	74	1	60	23		65
Difference: SI minus Non-SI			+ 15.6									
ENGL V01A	Yes	87	73	83.9%	20	36	17		3	3		8
ENGL V01A	No	1007	736	73.1%	298	270	167	1	50	56		165
Difference: SI minus Non-SI			+10.8									
ENGL V02	Yes	84	64	76.2%	9	32	23		3	7		10
ENGL V02	No	558	394	70.6%	104	155	135		39	57		68
Difference: SI minus Non-SI			+ 5.6									
ENGL V03	Yes	57	46	80.7%				46			8	3
ENGL V03	No	299	227	75.9%				227			37	35
Difference: SI minus Non-SI			+ 4.8									
HIST V04B	Yes	38	34	89.5%	18	11	5		1	2		1
HIST V04B	No	74	58	78.4%	24	17	17		3	8		5
Difference: SI minus Non-SI			+11.1									
HIST V07A	Yes	52	47	90.4%	9	22	16			1		4
HIST V07A	No	374	280	74.9%	79	126	75		11	14		69
Difference: SI minus Non-SI			+15.5									
MATH V01	Yes	230	137	59.6%	43	56	36	2	20	36		37
MATH V01	No	518	269	51.9%	89	80	100		46	115		88
Difference: SI minus Non-SI			+ 7.7									
MATH V03	Yes	340	174	51.2%	59	48	65	2	36	35		95
MATH V03	No	695	360	51.8%	109	113	137	1	71	132		132
Difference: SI minus Non-SI			- 0.6									
MATH V04	Yes	145	84	57.9%	25	31	28		10	13	1	37
MATH V04	No	365	195	53.4%	42	81	72		23	43		104
Difference: SI minus Non-SI			+ 4.5									
MUS V08	Yes	47	41	87.2%	13	17	11		2	1		3
MUS V08	No	263	190	72.2%	93	65	32		14	19		40
Difference: SI minus Non-SI			+15.0									
PHSO V01	Yes	126	111	88.1%	30	59	22		2	4		9
PHSO V01	No	40	27	67.5%	1	9	17		3	3		7
Difference: SI minus Non-SI			+ 20.6									
POLS V03	Yes	117	91	77.8%	52	23	16		1	4		21
POLS V03	No	237	198	83.5%	100	74	24		5	16		18
Difference: SI minus Non-SI			- 5.7									

Fall 2013 – Report on Academic Performance of Supplemental Instruction Students

• **Success Rates by SI Section – Students Receiving Any SI Services are Counted as SI**

The **overall** success rate for **SI** students is **8 percentage points** higher than that of **non-SI** students.

Fall 2013 – Sections that Offered SI Course Information				Total Students		Non-SI Students			SI Students		
						Total N	Successful N	Rate	Total N	Successful N	Rate
Course ID	CRN	Units	Instructor	N	S/R*	N	N	Rate	N	N	Rate
ANTH V01		3.0		43	67%	20	10	50%	23	19	83%
ANTH V07		3.0		45	58%	26	9	35%	19	17	89%
ART V01		3.0		44	73%	30	19	63%	14	13	93%
BIOL V01		3.0		52	40%	22	6	27%	30	15	50%
BIOL V01		3.0		81	41%	56	24	43%	25	9	36%
BIOL V01: Totals & Overall Success Rates				133	41%	78	30	38%	55	24	44%
CJ V01		3.0		40	78%	5	3	60%	35	28	80%
ECON V01A		3.0		71	75%	45	30	67%	26	23	88%
ENGL V01A		5.0		30	83%	20	17	85%	10	8	80%
ENGL V01A		5.0		28	79%				28	22	79%
ENGL V01A		5.0		29	90%	18	16	89%	11	10	91%
ENGL V01A: Totals & Overall Success Rates				87	84%	38	33	87%	49	40	82%
ENGL V02		5.0		24	83%	9	8	89%	15	12	80%
ENGL V02		5.0		30	80%	9	6	67%	21	18	86%
ENGL V02		5.0		30	67%	13	7	54%	17	13	76%
ENGL V02: Totals & Overall Success Rates				84	76%	31	21	68%	53	43	81%
ENGL V03		5.0		28	75%	15	11	73%	13	10	77%
ENGL V03		5.0		29	86%	14	11	79%	15	14	93%
ENGL V03: Totals & Overall Success Rates				57	81%	29	22	76%	28	24	86%
HIST V04B		3.0		38	89%	27	24	89%	11	10	91%
HIST V07A		3.0		52	90%	48	43	90%	4	4	100%
MATH V01		5.0		33	85%	3	1	33%	30	27	90%
MATH V01		5.0		42	60%	6	2	33%	36	23	64%
MATH V01		5.0		40	60%	9	4	44%	31	20	65%
MATH V01		5.0		40	55%	14	10	71%	26	12	46%
MATH V01		5.0		37	59%	19	8	42%	18	14	78%
MATH V01		5.0		38	42%	27	12	44%	11	4	36%
MATH V01: Totals & Overall Success Rates				230	60%	78	37	47%	152	100	66%
MATH V03		5.0		29	72%	5	3	60%	24	18	75%
MATH V03		5.0		39	92%	16	15	94%	23	21	91%
MATH V03		5.0		37	57%				37	21	57%
MATH V03		5.0		50	52%	39	18	46%	11	8	73%
MATH V03		5.0		38	37%	22	8	36%	16	6	38%
MATH V03		5.0		30	53%	5	3	60%	25	13	52%
MATH V03		5.0		39	31%	24	9	38%	15	3	20%
MATH V03		5.0		41	32%	18	4	22%	23	9	39%
MATH V03		5.0		37	41%	19	3	16%	18	12	67%
MATH V03: Totals & Overall Success Rates				340	51%	148	63	43%	192	111	58%
MATH V04		4.0		31	81%	12	6	50%	19	19	100%
MATH V04		4.0		39	33%	15	4	27%	24	9	38%
MATH V04		4.0		36	64%	22	13	59%	14	10	71%
MATH V04		4.0		39	59%	23	13	57%	16	10	63%
MATH V04: Totals & Overall Success Rates				145	58%	72	36	50%	73	48	66%
MATH V11A		3.0		38	71%	30	22	73%	8	5	63%

The table is continued on the next page.

Fall 2013 – Report on Academic Performance of Supplemental Instruction Students

Fall 2013 – Sections that Offered SI Course Information				Total Students		Non-SI Students			SI Students		
						Total	Successful		Total	Successful	
Course ID	CRN	Units	Instructor	N	S/R*	N	N	Rate	N	N	Rate
MATH V13A		3.0		28	86%	14	11	79%	14	13	93%
MATH V21A		5.0		46	83%	27	23	85%	19	15	79%
MATH V21A		5.0		47	79%	13	9	69%	34	28	82%
MATH V21A		5.0		44	48%	25	12	48%	19	9	47%
MATH V21A		5.0		36	33%	21	6	29%	15	6	40%
MATH V21A		5.0		42	52%	24	12	50%	18	10	56%
MATH V21A: Totals & Overall Success Rates				215	60%	110	62	56%	105	68	65%
MUS V08		3.0		47	87%	32	26	81%	15	15	100%
PHSO V01		4.0		34	91%	24	21	88%	10	10	100%
PHSO V01		4.0		32	88%	16	13	81%	16	15	94%
PHSO V01		4.0		31	94%	21	19	90%	10	10	100%
PHSO V01		4.0		29	79%	25	19	76%	4	4	100%
PHSO V01: Totals & Overall Success Rates				126	88%	86	72	84%	40	39	98%
POLS V03		3.0		47	74%	14	10	71%	33	25	76%
POLS V03		3.0		70	80%	54	40	74%	16	16	100%
POLS V03: Totals & Overall Success Rates				117	78%	68	50	74%	49	41	84%
WS V12		3.0		34	85%	22	20	91%	12	9	75%
WS V19		3.0		15	100%	12	12	100%	3	3	100%
WS V25		3.0		26	85%	19	17	89%	7	5	71%
Totals and Overall Success Rates				2,055	67%	1,068	672	63%	987	702	71%

* S/R = Success Rate for the specific course section (CRN) or group of courses.

• **Success Rates in SI Sections by Demographics of SI and Non-SI Students**

Fall 2013 Student Demographics	Total Student Enrollments		Non-SI Students			SI Students		
	N	Percnt	Total N	Successful N	Rate	Total N	Successful N	Rate
Ethnicity								
Asian/Pacific Islander	117	5.7%	57	36	63%	60	50	83%
Black	66	3.2%	39	24	62%	27	17	63%
Hispanic	1,197	58.3%	618	368	60%	579	396	68%
Native American	8	0.4%	6	4	67%	2	2	100%
Two/More Ethnicities	78	3.8%	1	0	0%	42	32	76%
White	580	28.2%	307	212	69%	273	202	74%
Unreported	9	0.4%	5	3	60%	4	3	75%
Totals and Rates	2,055	100.0%	1,068	672	63%	987	702	71%
Gender								
Female	1,039	50.6%	507	337	66%	532	392	74%
Male	1,001	48.7%	551	328	60%	450	307	68%
Unreported	15	0.7%	10	7	70%	5	3	60%
Totals and Rates	2,055	100.0%	1,068	672	63%	987	702	71%
Age (in years)								
Under 18	43	2.1%	11	7	64%	32	24	75%
18 – 19	860	41.9%	453	278	61%	407	278	68%
20 – 21	486	23.6%	286	183	64%	200	140	70%
22 – 24	264	12.9%	143	92	64%	121	83	69%
25 – 29	194	9.4%	95	61	64%	99	78	79%
30 – 39	119	5.8%	46	27	59%	73	59	81%
40 or Over	89	4.3%	34	24	71%	55	40	73%
Totals and Rates	2,055	100.0%	1,068	672	63%	987	702	71%

Fall 2013 – Report on Academic Performance of Supplemental Instruction Students

• **Success Rates by Number of SI Contacts**

The tables in this section present data related to course success rates **and** the number of SI contacts. Tables A – C display summary data, while Table D (page 6) provides the success rate for each specific number of SI contacts. Success rates for students with **six or more** SI contacts are **higher** than those for students with **zero to five** SI contacts, except for ENGL V01A (where success rates are virtually equal).

Table A. Summary of All Students

Number of SI Contacts	Students		Success Rate
	Total	Success	
0	1,068	672	62.9%
1 to 5	596	380	63.8%
6 to 10	177	138	78.0%
11 to 15	90	73	81.1%
16 to 20	56	48	85.7%
21 to 29	38	33	86.8%
30 to 61	30	30	100.0%
Totals	2,055	1,374	66.9%
0 to 5	1,664	1,052	63.2%
6 to 61	391	322	82.3%
Difference in percentage points:			19.1

Table B. Summary of Hispanic Students

Number of SI Contacts	Students		Success Rate
	Total	Success	
0	618	368	59.5%
1 to 5	353	211	59.8%
6 to 10	109	86	78.9%
11 to 15	49	39	79.6%
16 to 20	30	26	86.7%
21 to 29	21	17	81.0%
30 to 61	17	17	100.0%
Totals	1,197	764	63.8%
0 to 5	971	569	58.6%
6 to 61	226	195	86.3%
Difference in percentage points:			27.7

Note: The color-codings in Table A match those in Table D.

Table C. Summary of Student Success by Course and by Number of SI Contacts

Courses	All Students			0 – 5 SI Contacts		6/more SI Contacts		Difference	
	Total Studnts	Successful		Total Studnts	Success Rate (A)	Total Studnts	Success Rate (B)	(B) minus (A)	
		Count	Rate					Num.	Prcnt *
ANTH V01	43	29	67.4%	33	57.6%	10	100.0%	42.4	73.7%
ANTH V07	45	26	57.8%	45	57.8%				
ART V01	44	32	72.7%	39	71.8%	5	80.0%	8.2	11.4%
BIOL V01	133	54	40.6%	124	39.5%	9	55.6%	16.0	40.6%
CJ V01	40	31	77.5%	25	76.0%	15	80.0%	4.0	5.3%
ECON V01A	71	53	74.6%	59	69.5%	12	100.0%	30.5	43.9%
ENGL V01A	87	73	83.9%	63	84.1%	24	83.3%	-0.8	-0.9%
ENGL V02	84	64	76.2%	77	74.0%	7	100.0%	26.0	35.1%
ENGL V03	57	46	80.7%	53	79.2%	4	100.0%	20.8	26.2%
HIST V04B	38	34	89.5%	36	88.9%	2	100.0%	11.1	12.5%
HIST V07A	52	47	90.4%	51	90.2%	1	100.0%	9.8	10.9%
MATH V01	230	137	59.6%	160	48.8%	70	84.3%	35.5	72.9%
MATH V03	340	174	51.2%	247	43.7%	93	71.0%	27.2	62.3%
MATH V04	145	84	57.9%	119	52.9%	26	80.8%	27.8	52.6%
MATH V11A	38	27	71.1%	34	67.6%	4	100.0%	32.4	47.8%
MATH V13A	28	24	85.7%	21	81.0%	7	100.0%	19.0	23.5%
MATH V21A	215	130	60.5%	165	57.0%	50	72.0%	15.0	26.4%
MUS V08	47	41	87.2%	47	87.2%				
PHSO V01	126	111	88.1%	99	84.8%	27	100.0%	15.2	17.9%
POLS V03	117	91	77.8%	98	73.5%	19	100.0%	26.5	36.1%
WS V12	34	29	85.3%	30	83.3%	4	100.0%	16.7	20.0%
WS V19	15	15	100.0%	15	100.0%				
WS V25	26	22	84.6%	24	83.3%	2	100.0%	16.7	20.0%
Totals	2,055	1,374	66.9%	1,664	63.2%	391	82.3%	19.1	30.2%

* Prcnt: $(((B) - (A)) \div (A)) \times 100$

Fall 2013 – Report on Academic Performance of Supplemental Instruction Students

Table D. Detail of Student Success by Number of SI Contacts

Num. of SI Contact	Students		Success Rate	Num. of SI Contact	Students		Success Rate
	Total	Successful			Total	Successful	
0.00	1,068	672	62.9%	16.00	8	8	100.0%
1.00	127	75	59.1%	17.00	19	17	89.5%
1.15	1	1	100.0%	17.50	1	1	100.0%
1.25	1	0	0.0%	18.00	12	9	75.0%
1.50	3	2	66.7%	18.25	1	1	100.0%
1.75	1	1	100.0%	19.00	9	7	77.8%
2.00	138	76	55.1%	19.50	1	1	100.0%
2.25	1	1	100.0%	20.00	5	4	80.0%
2.50	4	2	50.0%	21.00	6	5	83.3%
2.75	1	1	100.0%	22.00	4	3	75.0%
3.00	148	98	66.2%	22.50	1	1	100.0%
3.50	1	0	0.0%	23.00	6	6	100.0%
3.75	2	2	100.0%	24.00	2	2	100.0%
4.00	104	72	69.2%	25.00	4	2	50.0%
4.25	1	1	100.0%	26.00	4	3	75.0%
4.50	2	2	100.0%	27.00	2	2	100.0%
5.00	65	42	64.6%	28.00	3	3	100.0%
5.50	3	3	100.0%	28.50	1	1	100.0%
5.75	1	1	100.0%	29.00	5	5	100.0%
6.00	51	42	82.4%	31.00	1	1	100.0%
6.25	1	1	100.0%	32.00	2	2	100.0%
6.50	1	0	0.0%	33.00	6	6	100.0%
7.00	44	35	79.5%	34.00	2	2	100.0%
7.25	1	0	0.0%	36.00	1	1	100.0%
7.50	2	2	100.0%	37.00	2	2	100.0%
8.00	33	23	69.7%	38.00	2	2	100.0%
8.50	2	1	50.0%	39.00	1	1	100.0%
9.00	18	13	72.2%	40.00	2	2	100.0%
9.25	2	2	100.0%	42.00	1	1	100.0%
9.50	4	3	75.0%	43.00	2	2	100.0%
10.00	19	14	73.7%	44.00	1	1	100.0%
10.25	1	1	100.0%	46.00	2	2	100.0%
10.50	1	1	100.0%	47.00	1	1	100.0%
11.00	19	14	73.7%	49.00	1	1	100.0%
12.00	22	17	77.3%	57.00	1	1	100.0%
13.00	12	11	91.7%	59.00	1	1	100.0%
13.25	2	2	100.0%	61.00	1	1	100.0%
13.50	3	3	100.0%				
14.00	17	13	76.5%				
14.25	2	2	100.0%				
14.50	3	1	33.3%				
15.00	9	9	100.0%				
15.50	1	1	100.0%				
				Summary			
				0.00 – 5.75	1,664	1,052	63.2%
				6.00 – 61.00	391	322	82.3%
				Difference in percentage points:			19.1