

Fall 2010 – Report on Academic Performance of Supplemental Instruction Students

■ **SUMMARY**

● **Overview of Supplemental Instruction**

In fall 2010, VC offered supplemental instruction (SI) in **38** course sections; SI funding was provided via the college's **Title V Institutional Grant** and other sources. There was a total of **1,388** enrollments in the **38** SI sections – these enrollments were made by **1,260** students (see table below).

Number of Multiple Enrollments in SI Sections	Number of Students	Total Enrollments in All SI Sections
Three (3)	3	9
Two (2)	122	244
One (1)	<u>1,135</u>	<u>1,135</u>
<b>Totals</b>	<b>1,260</b>	<b>1,388</b>

Of the **1,260** students who were enrolled in **one or more** SI sections, **632 (50%)** participated in SI activities in at least **one** section.

● **Demographics of Students in SI Sections**

This table presents demographic data on students who were **enrolled in one or more** SI sections. The **SI Students** consist of the **632** students who participated in SI activities in at least **one** section. Success is defined as a final course grade of **C / P or better**. The overall success rate for SI students is **17 percentage points** higher than it is for the non-SI students (in the sections that offered SI).

Student Demographics	Total Students		Non-SI Students			SI Students		
			Total N	Successful		Total N	Successful	
	N	Per.		N	Rate		N	N
<b>Ethnicity</b>								
Asian/Pacific Islander	88	7.0%	40	26	65%	48	40	83%
Black	32	2.5%	11	7	64%	21	14	67%
Hispanic	747	59.3%	375	194	52%	371	251	68%
Native American	12	0.9%	6	3	50%	6	4	67%
Other	55	4.4%	25	13	52%	30	25	83%
White	318	25.2%	168	101	60%	150	115	77%
Unreported	9	0.7%	3	3	100%	6	5	83%
<b>Totals and Rates</b>	<b>1,260</b>	<b>100.0%</b>	<b>628</b>	<b>347</b>	<b>55%</b>	<b>632</b>	<b>454</b>	<b>72%</b>
<b>Gender</b>								
Female	747	59.2%	361	211	58%	386	287	74%
Male	502	39.9%	262	135	52%	240	162	68%
Unreported	11	0.9%	5	1	20%	6	5	83%
<b>Totals and Rates</b>	<b>1,260</b>	<b>100.0%</b>	<b>628</b>	<b>347</b>	<b>55%</b>	<b>632</b>	<b>454</b>	<b>72%</b>
<b>Age (in years)</b>								
Under 18	30	2.3%	12	9	75%	18	15	83%
18 – 19	621	49.4%	325	182	56%	296	196	66%
20 – 21	222	17.6%	134	63	47%	88	62	70%
22 – 24	112	8.9%	62	32	52%	50	34	68%
25 – 29	93	7.4%	44	26	59%	49	39	80%
30 – 39	94	7.4%	33	23	70%	61	52	85%
40 or Over	88	7.0%	18	12	67%	70	56	80%
<b>Totals and Rates</b>	<b>1,260</b>	<b>100.0%</b>	<b>628</b>	<b>347</b>	<b>55%</b>	<b>632</b>	<b>454</b>	<b>72%</b>

By **ethnicity**, most of the students enrolled in SI sections were **Hispanic (59%)**; by **gender**, most of the students were **female (59%)**, and by **age**, most students were **less than 20** years of age (**52%**).

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• **Success Rates by SI Section**

The **overall** success rate for **SI** students is **16 percentage points** higher than that of **non-SI** students.

► This table presents course enrollments data; therefore, some students are **counted multiple** times.

Fall 2010 – 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
BIOL V01		3.0		110	36%	98	36	37%	12	4	33%
BIOL V01		3.0		89	52%	71	33	46%	18	13	72%
<b>BIOL V01: Totals &amp; Overall Success Rates</b>				<b>199</b>	<b>43%</b>	<b>169</b>	<b>69</b>	<b>41%</b>	<b>30</b>	<b>17</b>	<b>57%</b>
ENGL V02		5.0		29	69%	22	15	68%	7	5	71%
ENGL V02		5.0		27	81%	19	14	74%	8	8	100%
ENGL V02		5.0		27	48%	7	1	14%	20	12	60%
ENGL V02		5.0		31	74%	3	2	67%	28	21	75%
ENGL V02		5.0		30	57%	---	---	---	30	17	57%
ENGL V02		5.0		32	69%	1	0	0%	31	22	71%
ENGL V02		5.0		30	63%	---	---	---	30	19	63%
ENGL V02		5.0		28	61%	4	1	25%	24	16	67%
ENGL V02		5.0		27	48%	7	3	43%	20	10	50%
<b>ENGL V02: Totals &amp; Overall Success Rates</b>				<b>261</b>	<b>64%</b>	<b>63</b>	<b>36</b>	<b>57%</b>	<b>198</b>	<b>130</b>	<b>66%</b>
ENGL V03		5.0		31	58%	9	2	22%	22	16	73%
ENGL V03		5.0		33	79%	26	20	77%	7	6	86%
ENGL V03		5.0		31	77%	19	14	74%	12	10	83%
ENGL V03		5.0		29	72%	14	7	50%	15	14	93%
ENGL V03		5.0		28	54%	17	9	53%	11	6	55%
ENGL V03		5.0		28	89%	22	19	86%	6	6	100%
ENGL V03		5.0		26	69%	---	---	---	26	18	69%
<b>ENGL V03: Totals &amp; Overall Success Rates</b>				<b>206</b>	<b>71%</b>	<b>107</b>	<b>71</b>	<b>66%</b>	<b>99</b>	<b>76</b>	<b>77%</b>
<b>ENGL V07</b>		3.5		31	87%	9	7	78%	22	20	91%
ESL V01C		6.0		15	53%	---	---	---	15	8	53%
ESL V01C		6.0		24	75%	3	1	33%	21	17	81%
ESL V05A		6.0		31	90%	---	---	---	31	28	90%
ESL V07A		3.0		16	81%	3	1	33%	13	12	92%
<b>ESL: Totals &amp; Overall Success Rates</b>				<b>86</b>	<b>78%</b>	<b>6</b>	<b>2</b>	<b>33%</b>	<b>80</b>	<b>65</b>	<b>81%</b>
MATH V01		5.0		46	39%	16	3	19%	30	15	50%
MATH V01		5.0		38	42%	23	7	30%	15	9	60%
MATH V01		5.0		42	36%	33	10	30%	9	5	56%
MATH V01		5.0		40	50%	23	12	52%	17	8	47%
MATH V01		5.0		35	69%	17	11	65%	18	13	72%
MATH V01		5.0		44	41%	26	12	46%	18	6	33%
<b>MATH V01: Totals &amp; Overall Success Rates</b>				<b>245</b>	<b>45%</b>	<b>138</b>	<b>55</b>	<b>40%</b>	<b>107</b>	<b>56</b>	<b>52%</b>
MATH V03		5.0		46	89%	31	28	90%	15	13	87%
MATH V03		5.0		47	79%	28	21	75%	19	16	84%
MATH V03		5.0		42	50%	32	14	44%	10	7	70%
MATH V03		5.0		45	69%	33	21	64%	12	10	83%
MATH V03		5.0		41	73%	24	14	58%	17	16	94%
<b>MATH V03: Totals &amp; Overall Success Rates</b>				<b>221</b>	<b>72%</b>	<b>148</b>	<b>98</b>	<b>66%</b>	<b>73</b>	<b>62</b>	<b>85%</b>
MATH V09		3.0		34	56%	21	9	43%	13	10	77%
MATH V10		3.0		36	75%	22	17	77%	14	10	71%
MATH V11A		3.0		36	44%	10	3	30%	26	13	50%
MATH V30		4.0		33	64%	27	16	59%	6	5	83%
<b>Totals and Overall Success Rates</b>				<b>1,388</b>	<b>61%</b>	<b>720</b>	<b>383</b>	<b>53%</b>	<b>668</b>	<b>464</b>	<b>69%</b>

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

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

This table presents **success rates** and **grades distributions** for courses in which SI was offered in one or 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.

Course ID	Section Status	Total Count	Successful		Grades Distribution							
			Num.	Rate	A	B	C	P	D	F	NP	W
BIOL V01	Non-SI	389	215	55.3%	59	84	72		40	65		69
BIOL V01	SI	199	86	43.2%	21	30	35		20	37		56
Difference: SI minus Non-SI			- 12.1									
ENGL V02	Non-SI	455	330	72.5%	110	139	81		46	41		38
ENGL V02	SI	261	166	63.6%	36	65	65		29	33		33
Difference: SI minus Non-SI			- 8.9									
ENGL V03	Non-SI	118	88	74.6%				88			23	7
ENGL V03	SI	206	147	71.4%				147			43	16
Difference: SI minus Non-SI			- 3.2									
ESL V01C	Non-SI	28	23	82.1%				23			5	
ESL V01C	SI	39	26	66.7%				26			2	11
Difference: SI minus Non-SI			- 15.4									
ESL V05A	Non-SI	35	31	88.6%				31			2	2
ESL V05A	SI	31	28	90.3%				28				3
Difference: SI minus Non-SI			+ 1.7									
MATH V01	Non-SI	366	159	43.4%	39	56	64		35	80	1	91
MATH V01	SI	245	111	45.3%	28	32	51		29	34		71
Difference: SI minus Non-SI			+ 1.9									
MATH V03	Non-SI	615	295	48.0%	71	89	134	1	62	99	2	157
MATH V03	SI	221	160	72.4%	66	53	41		7	22		32
Difference: SI minus Non-SI			+ 24.4									
MATH V09	Non-SI	97	49	50.5%	10	17	22		5	32		11
MATH V09	SI	34	19	55.9%	7	5	7		2	9		4
Difference: SI minus Non-SI			+ 5.4									
MATH V10	Non-SI	260	153	58.8%	44	64	45		32	32		43
MATH V10	SI	36	27	75.0%	12	7	8		4	1		4
Difference: SI minus Non-SI			+ 16.2									

■ **GRADES DISTRIBUTIONS**

Fall 2010 final grades were extracted from the VCCCD Banner System on January 20, 2011. Grades distributions for each of the 38 SI sections are presented in the data tables on pages 4 through 7.

<u>Data Table</u>	<u>Page</u>	<u>Data Table</u>	<u>Page</u>
A. BIOL V01	4	H. MATH V01	6
B. ENGL V02	4	I. MATH V03	6
C. ENGL V03	5	J. MATH V09	6
D. ENGL V07	5	K. MATH V10	7
E. ESL V01C	5	L. MATH V11A	7
F. ESL V05A	5	M. MATH V30	7
G. ESL V07A	5		

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**A. BIOL V01: Principles of Biology 3.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	98	36	36.7%	9	15	12	13	17	32		
		SI	12	4	33.3%	2	1	1	2	5	1		
		Total	110	40	36.4%	11	16	13	15	22	33		
		Non-SI	71	33	46.5%	9	10	14	5	14	19		
		SI	18	13	72.2%	1	4	8	0	1	4		
		Total	89	46	51.7%	10	14	22	5	15	23		

\* An RD (Report Delayed) grade notation was excluded from the analysis.

**B. ENGL V02: Fundamentals of English Composition 5.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	22	15	68.2%	0	6	9	1	6	0		
		SI	7	5	71.4%	1	3	1	1		1		
		Total	29	20	69.0%	1	9	10	2	6	1		
		Non-SI	19	14	73.7%	0	8	6	1	3	1		
		SI	8	8	100.0%	1	3	4	0	0	0		
		Total	27	22	81.5%	1	11	10	1	3	1		
		Non-SI	7	1	14.3%	0	0	1	1	5	0		
		SI	20	12	60.0%	5	4	3	2	5	1		
		Total	27	13	48.1%	5	4	4	3	10	1		
		Non-SI	3	2	66.7%	0	0	2	1	0	0		
		SI	28	21	75.0%	6	2	13	2	1	4		
		Total	31	23	74.2%	6	2	15	3	1	4		
		SI	30	17	56.7%	4	6	7	6	2	5		
		Non-SI	1	0	0.0%	0	0	0	0	0	1		
		SI	31	22	71.0%	4	12	6	8	1	0		
		Total	32	22	68.8%	4	12	6	8	1	1		
		SI	30	19	63.3%	6	9	4	2	2	7		
		Non-SI	4	1	25.0%	0	0	1	0	1	2		
		SI	24	16	66.7%	8	5	3	2	2	4		
		Total	28	17	60.7%	8	5	4	2	3	6		
		Non-SI	7	3	42.9%	0	0	3	0	1	3		
		SI	20	10	50.0%	1	7	2	2	4	4		
		Total	27	13	48.1%	1	7	5	2	5	7		

**VENTURA COLLEGE**  
**Title V Grant – Basic Skills 2007–2012**

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**C. ENGL V03: Basic English Composition 5.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution								
				N	Rate	P	NP	W						
		Non-SI	9	2	22.2%	2	7	0						
		SI	22	16	72.7%	16	4	2						
		Total	31	18	58.1%	18	11	2						
		Non-SI	26	20	76.9%	20	5	1						
		SI	7	6	85.7%	6	1	0						
		Total	33	26	78.8%	26	6	1						
		Non-SI	19	14	73.7%	14	4	1						
		SI	12	10	83.3%	10	2	0						
		Total	31	24	77.4%	24	6	1						
		Non-SI	14	7	50.0%	7	4	3						
		SI	15	14	93.3%	14	1	0						
		Total	29	21	72.4%	21	5	3						
		Non-SI	17	9	52.9%	9	6	2						
		SI	11	6	54.5%	6	5	0						
		Total	28	15	53.6%	15	11	2						
		Non-SI	22	19	86.4%	19	1	2						
		SI	6	6	100.0%	6	0	0						
		Total	28	25	89.3%	25	1	2						
		SI	26	18	69.2%	18	3	5						

**D. ENGL V07: Intermediate Reading Comprehension 3.5 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution								
				N	Rate	A	B	C	D	F				
		Non-SI	9	7	77.8%	5	1	1	0	2				
		SI	22	20	90.9%	11	5	4	1	1				
		Total	31	27	87.1%	16	6	5	1	3				

**E. ESL V01C: Low-Beginning ESL: Writing and Grammar 6.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution								
				N	Rate	P	NP	W						
		SI	15	8	53.3%	8	2	5						
		Non-SI	3	1	33.3%	1	0	2						
		SI	21	17	81.0%	17	0	4						
		Total	24	18	75.0%	18	0	6						

**F. ESL V05A: Low-Advanced ESL: Listening and Speaking 3.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution								
				N	Rate	P	NP	W						
		SI	31	28	90.3%	28	0	3						

**G. ESL V07A: Reading and Writing for Vocational Purposes I 3.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution								
				N	Rate	P	NP	W						
		Non-SI	3	1	33.3%	1	0	2						
		SI	13	12	92.3%	12	0	1						
		Total	16	13	81.3%	13	0	3						

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**H. MATH V01: Elementary Algebra** **5.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	16	3	18.8%	0	2	1	1	5	7		
		SI	30	15	50.0%	3	3	9	8	5	2		
		Total	46	18	39.1%	3	5	10	9	10	9		
		Non-SI	23	7	30.4%	0	4	3	3	0	13		
		SI	15	9	60.0%	1	5	3	1	2	3		
		Total	38	16	42.1%	1	9	6	4	2	16		
		Non-SI	33	10	30.3%	2	2	6	3	12	8		
		SI	9	5	55.6%	1	1	3	1	2	1		
		Total	42	15	35.7%	3	3	9	4	14	9		
		Non-SI	23	12	52.2%	4	3	5	0	2	9		
		SI	17	8	47.1%	5	1	2	2	1	6		
		Total	40	20	50.0%	9	4	7	2	3	15		
		Non-SI	17	11	64.7%	3	3	5	1	2	3		
		SI	18	13	72.2%	3	4	6	0	0	5		
		Total	35	24	68.6%	6	7	11	1	2	8		
		Non-SI	26	12	46.2%	4	2	6	5	3	6		
		SI	18	6	33.3%	2	2	2	4	0	8		
		Total	44	18	40.9%	6	4	8	9	3	14		

**I. MATH V03: Intermediate Algebra** **5.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	31	28	90.3%	15	4	9	0	3	0		
		SI	15	13	86.7%	3	8	2	0	1	1		
		Total	46	41	89.1%	18	12	11	0	4	1		
		Non-SI	28	21	75.0%	12	5	4	1	2	4		
		SI	19	16	84.2%	9	6	1	1	1	1		
		Total	47	37	78.7%	21	11	5	2	3	5		
		Non-SI	32	14	43.8%	2	4	8	3	3	12		
		SI	10	7	70.0%	3	3	1	1	0	2		
		Total	42	21	50.0%	5	7	9	4	3	14		
		Non-SI	33	21	63.6%	7	10	4	0	5	7		
		SI	12	10	83.3%	2	5	3	0	2	0		
		Total	45	31	68.9%	9	15	7	0	7	7		
		Non-SI	24	14	58.3%	6	1	7	1	5	4		
		SI	17	16	94.1%	7	7	2	0	0	1		
		Total	41	30	73.2%	13	8	9	1	5	5		

**J. MATH V09: Beginning Mathematics 3.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	21	9	42.9%	5	0	4	1	7	4		
		SI	13	10	76.9%	2	5	3	1	2	0		
		Total	34	19	55.9%	7	5	7	2	9	4		

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**K. MATH V10: Pre-Algebra      3.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	22	17	77.3%	9	5	3	2	0	3		
		SI	14	10	71.4%	3	2	5	2	1	1		
		Total	36	27	75.0%	12	7	8	4	1	4		

**L. MATH V11A: Elementary Algebra – First Half      3.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	10	3	30.0%	1	1	1	0	3	4		
		SI	26	13	50.0%	4	7	2	4	4	5		
		Total	36	16	44.4%	5	8	3	4	7	9		

**M. MATH V30: Applied Mathematics for Health Care Personnel      4.0 Units**

Instructor	CRN	SI Status	Tot	Successful		Grades Distribution							
				N	Rate	A	B	C	D	F	W		
		Non-SI	27	16	59.3%	6	4	6	2	8	1		
		SI	6	5	83.3%	2	0	3	0	0	1		
		Total	33	21	63.6%	8	4	9	2	8	2		