

◆ **FINAL REPORT** ◆

■ **INTRODUCTION**

The **Fall 2011 Accelerated Basic Skills Program** offered fast-paced instruction in special sections of basic skills **English** and **Mathematics** courses. The Program's objectives are:

- (1) To enable students to successfully complete **two** basic-skills courses – in either the English **or** the Mathematics discipline – within **one** semester, thus allowing them to progress to college-level English or Mathematics courses in the succeeding semester
- (2) To increase the persistence (semester-to-semester enrollment) and course progress rates of students who enter Ventura College requiring basic skills instruction in English or Mathematics.

● **English Component – Instructor: Eric Martinsen**

During the first half of the semester, students in the English Component were enrolled in **ENGL V03** (CRN 70409); in the second half of the term, the students were enrolled in **ENGL V02** (CRN 70548).

● **Mathematics Component – Instructor: Lisa Anderson**

During the first half of the term, students in the Mathematics Component were enrolled in **MATH V01** (CRN 71580); in the second half of the term, the students were enrolled in **MATH V03** (CRN 72235).

■ **SUMMARY**

● **English Component**

▪ **Course Success Rates**

**ENGL V03:**

Accelerated class: 100% [(27 ÷ 27) x 100]  
All other sections: 82% [(264 ÷ 321) x 100]  
Difference: 18 percentage points

**ENGL V02:**

Accelerated class: 93% [(25 ÷ 27) x 100]  
All other sections: 72% [(498 ÷ 692) x 100]  
Difference: 21 percentage points

▪ **Progress Rate**

Progress for students in the English Component of the Accelerated Program is defined as the successful completion of ENGL V03 and ENGL V02.

Progress Rate: 93% [(25 ÷ 27) x 100]

▪ **Continuation Rate**

Continuation, in this context, is defined as a student's successful completion of ENGL V02 in fall 2011 and his/her enrollment in ENGL V01A in spring 2012.

Accelerated ENGL V02 class: 68% [(17 ÷ 25) x 100]  
All other ENGL V02 sections: 45% [(224 ÷ 498) x 100]  
Difference: 23 percentage points

● **Mathematics Component**

▪ **Course Success Rates**

**MATH V01:**

Accelerated class: 93% [(41 ÷ 44) x 100]  
 All other sections: 49% [(294 ÷ 599) x 100]  
 Difference: 44 percentage points

**MATH V03:**

Accelerated class: 72% [(31 ÷ 43) x 100]  
 All other sections: 52% [(480 ÷ 924) x 100]  
 Difference: 20 percentage points

▪ **Progress Rate**

Progress for students in the Mathematics Component of the Accelerated Program is defined as the successful completion of MATH V01 and MATH V03.

Progress Rate: 70% [(31 ÷ 44) x 100]

▪ **Information Sessions**

Information Sessions were conducted for students who were interested in learning about the Mathematics Component of the Accelerated Basic Skills Program. Students who attended an Information Session had a significantly higher Progress Rate than those who enrolled in the Accelerated Mathematics courses but did not attend an Information Session.

Attended an Information Session: 78% [(18 ÷ 23) x 100]  
 Did not attend an Information Session: 62% [(13 ÷ 21) x 100]  
 Difference: 16 percentage points

▪ **Continuation Rate**

Continuation, in this context, is defined as a student's successful completion of MATH V03 in fall 2011 and his/her enrollment in one of the following Math courses in spring 2012: MATH V04, MATH V05, MATH V38, MATH V40, or MATH V44.

Accelerated MATH V03: 55% [(17 ÷ 31) x 100]  
 All other MATH V03 sections: 51% [(243 ÷ 480) x 100]

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■ **ENGLISH COMPONENT**

● **ENGL V03 (CRN 70409)**

**Success Rate: 100%** (All of the 27 students enrolled in the class received a passing grade of P.)

Ethnic Group	Total Count	Successful		Grade Notations						
		Number	Rate	A	B	C	P	F	IF	W
Asian or Pacific Islander	1	1	100%				1			
Black Non-Hispanic	1	1	100%				1			
Hispanic	19	19	100%				19			
Unreported	1	1	100%				1			
White Non-Hispanic	5	5	100%				5			
<b>Totals / Av. Succ. Rate</b>	<b>27</b>	<b>27</b>	<b>100%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>

Gender	Total Count	Successful		Grade Notations						
		Number	Rate	A	B	C	P	F	IF	W
Female	15	15	100%				15			
Male	10	10	100%				10			
Unreported	2	2	100%				2			
<b>Totals / Av. Succ. Rate</b>	<b>27</b>	<b>27</b>	<b>100%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>

● **ENGL V02 (CRN 70548)**

**Success Rate: 93%** (Twenty-five (25) of the 27 students received a grade of A, B, or C.)

Ethnic Group	Total Count	Successful		Grade Notations						
		Number	Rate	A	B	C	D	F	W	
Asian or Pacific Islander	1	1	100%		1					
Black Non-Hispanic	1	1	100%		1					
Hispanic	19	18	95%	8	7	3		1		
Unreported	1	0	0%					1		
White Non-Hispanic	5	5	100%	2	1	2				
<b>Totals / Av. Succ. Rate</b>	<b>27</b>	<b>25</b>	<b>93%</b>	<b>10</b>	<b>10</b>	<b>5</b>	<b>0</b>	<b>2*</b>	<b>0</b>	

Gender	Total Count	Successful		Grade Notations						
		Number	Rate	A	B	C	D	F	W	
Female	15	15	100%	6	7	2				
Male	10	9	90%	4	3	2		1		
Unreported	2	1	50%			1		1		
<b>Totals / Av. Succ. Rate</b>	<b>27</b>	<b>25</b>	<b>93%</b>	<b>10</b>	<b>10</b>	<b>5</b>	<b>0</b>	<b>2*</b>	<b>0</b>	

\* The F grades were received by a Hispanic male and a student of Unreported ethnicity and gender.

● **English Progress Rate**

**Progress Rate: 93%** (Twenty-five (25) of the 27 students successfully completed both classes.)

● **ENGL V01A Enrollments in Spring 2012**

**Continuation to ENGL V01A: 68%** (Seventeen (17) of 25 students enrolled in ENGL V01A.)

Ethnic Group	Total Count	ENGL V01A		Gender	Total Count	ENGL V01A	
		Number	Percent			Number	Percent
Asian or Pacific Islander	1	0	0%	Female	15	12	80%
Black Non-Hispanic	1	0	0%	Male	9	4	44%
Hispanic	18	14	74%	Unreported	1	1	100%
White Non-Hispanic	5	3	60%	<b>Tot./Av.%</b>	<b>25</b>	<b>17</b>	<b>68%</b>
<b>Totals / Av. Prog. Rate</b>	<b>25</b>	<b>17</b>	<b>68%</b>				

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■ **MATHEMATICS COMPONENT**

● **MATH V01 (CRN 71580)**

**Success Rate: 93%** (Forty-one (41) of the 44 students received a grade of A, B, or C.)

Ethnic Group	Total Count	Successful		Grade Notations						
		Number	Rate	A	B	C	P	F	IF	W
Asian or Pacific Islander	7	7	100%	6	1					
Black Non-Hispanic	2	1	50%		1			1		
Hispanic	20	19	95%	11	6	2				1*
Other	1	1	100%	1						
White Non-Hispanic	14	13	93%	10	2	1			1	
<b>Totals / Av. Succ. Rate</b>	<b>44</b>	<b>41</b>	<b>93%</b>	<b>28</b>	<b>10</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>

Gender	Total Count	Successful		Grade Notations						
		Number	Rate	A	B	C	P	F	IF	W
Female	20	19	95%	14	3	2				1*
Male	23	21	91%	13	7	1		1	1	
Unreported	1	1	100%	1						
<b>Totals / Av. Succ. Rate</b>	<b>44</b>	<b>41</b>	<b>93%</b>	<b>28</b>	<b>10</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>

\* The W grade was received by a Hispanic female.

● **MATH V03 (CRN 72235)**

**Success Rate: 72%** (Thirty-one (31) of the 43 students received a grade of A, B, or C in MATH V03.)

Ethnic Group	MATH V01			MATH V03									
	Tot Cnt	Successful		Tot Cnt	Successful		Grade Notations						
		Num.	Rate		Num.	Rate	A	B	C	D	F	W	
Asian / Pac Islander	7	7	100%	7	7	100%	6	1					
Black Non-Hispanic	2	1	50%	2	1	50%		1				1	
Hispanic	20	19	95%	19	11	55%	8	1	2	1	7		
Other	1	1	100%	1	0	0%					1		
White Non-Hispanic	14	13	93%	14	12	86%	9	2	1		2		
<b>Totals/Succ. Rate</b>	<b>44</b>	<b>41</b>	<b>93%</b>	<b>43</b>	<b>31</b>	<b>72%</b>	<b>23</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>11</b>	<b>0</b>	

Gender	MATH V01			MATH V03									
	Tot Cnt	Successful		Tot Cnt	Successful		Grade Notations						
		Num.	Rate		Num.	Rate	A	B	C	D	F	W	
Female	20	19	95%	19	15	75%	12	1	2		4		
Male	23	21	91%	23	16	70%	11	4	1	1	6		
Unreported	1	1	100%	1	0	0%					1		
<b>Totals/Succ. Rate</b>	<b>44</b>	<b>41</b>	<b>93%</b>	<b>43</b>	<b>31</b>	<b>72%</b>	<b>23</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>11</b>	<b>0</b>	

● **Mathematics Progress Rate**

**Progress Rate: 70%** (Thirty-one (31) of the 44 students successfully completed both classes.)

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■ **MATH PROGRESS RATES BY DEMOGRAPHICS**

● **Ethnicity**

Progress Rates are the **highest** for Asian/Pacific Islanders (**100%**) and Whites (**86%**). The Progress Rate for Hispanic students is **55%** followed by Black students at **50%**.

Ethnic Group	MATH V01			MATH V03			Progress Rate		
	Tot Cnt	Successful		Tot Cnt	Successful		Tot Cnt	Successful	
		Num.	Rate		Num.	Rate		Num.	Rate
Asian / Pac Islander	7	7	100%	7	7	100%	7	7	100%
Black Non-Hispanic	2	1	50%	2	1	50%	2	1	50%
Hispanic	20	19	95%	19	11	55%	20	11	55%
Other	1	1	100%	1	0	0%	1	0	0%
White Non-Hispanic	14	13	93%	14	12	86%	14	12	86%
<b>Totals/Succ. Rate</b>	<b>44</b>	<b>41</b>	<b>93%</b>	<b>43</b>	<b>31</b>	<b>72%</b>	<b>44</b>	<b>31</b>	<b>70%</b>

● **Gender**

The Progress Rate for Females is **75%** and for Males is **70%**.

Ethnic Group	MATH V01			MATH V03			Progress Rate		
	Tot Cnt	Successful		Tot Cnt	Successful		Tot Cnt	Successful	
		Num.	Rate		Num.	Rate		Num.	Rate
Female	20	19	95%	19	15	75%	20	15	75%
Male	23	21	91%	23	16	70%	23	16	70%
Unreported	1	1	100%	1	0	0%	1	0	0%
<b>Totals/Succ. Rate</b>	<b>44</b>	<b>41</b>	<b>93%</b>	<b>43</b>	<b>31</b>	<b>72%</b>	<b>44</b>	<b>31</b>	<b>70%</b>

■ **GRADES FOR INDIVIDUAL MATH STUDENTS**

Student PIDM	Ethnic Group	Gen-der	Info. Session	MATH		Student PIDM	Ethnic Group	Gen-der	Info. Session	MATH	
				V01	V03					V01	V03
2130602	Hispanic	M	No	B	A	2290670	Asian/PI	M	Yes	B	A
2216579	Hispanic	F	No	B	F	2257070	Asian/PI	M	No	A	A
365395	Hispanic	F	Yes	W	---	2252932	Asian/PI	F	No	A	A
2236085	Hispanic	M	No	A	C	2221944	Asian/PI	F	Yes	A	A
2153236	Hispanic	F	No	B	F	2208702	Asian/PI	F	Yes	A	A
2241947	Hispanic	F	Yes	A	C	2079583	Asian/PI	M	Yes	A	B
2248761	Hispanic	F	No	C	F	253020	Asian/PI	F	No	A	A
2252562	Hispanic	M	Yes	A	A	2218185	Other	N	Yes	A	F
2222784	Hispanic	M	No	A	F	2051734	White	M	No	B	B
2290548	Hispanic	M	No	A	A	2302280	White	M	No	<b>IF</b>	<b>F</b>
2234651	Hispanic	F	Yes	A	A	2081758	White	F	Yes	C	C
2272111	Hispanic	F	Yes	A	A	2093405	White	F	Yes	A	A
2294261	Hispanic	M	Yes	A	F	2105721	White	F	No	A	A
2295936	Hispanic	M	No	B	F	2143841	White	M	Yes	B	B
2292386	Hispanic	F	Yes	A	A	2148022	White	M	Yes	A	A
2295117	Hispanic	M	Yes	B	B	2178115	White	F	No	A	A
2290006	Hispanic	M	No	C	D	2209414	White	M	Yes	A	A
2301076	Hispanic	M	No	A	A	206948	White	M	Yes	A	A
2152611	Hispanic	M	Yes	A	A	2289539	White	F	Yes	A	F
2273370	Hispanic	M	Yes	B	F	2286123	White	F	Yes	A	A
2218623	Black	M	No	<b>F</b>	<b>F</b>	2278457	White	F	No	A	A
2232707	Black	F	No	B	B	2148978	White	M	No	A	A

■ **MATHEMATICS INFORMATION SESSIONS**

This section of the report compares the Progress Rates of students who attended one of the Mathematics Information Sessions to the Progress Rates of students who did not attend a Mathematics Information Session.

● **Data Table**

The overall **Progress Rate** for students who **attended** an Information Session is **16 percentage points** higher than the overall **Progress Rate** for students who did not attend an Information Session.

<u>Student Status</u>	<u>Progress Rate</u>
Students who <b>attended</b> an Information Session	<b>78%</b>
Students who did <b>not attend</b> an Information Session	<b>62%</b>
Difference	<b>16 pp</b>

Attended an Information Session					Did <u>not</u> attend an Information Session				
Grade MATH		(A) Total	(B) Succeeded in	Progress Rate	Grade MATH		(A) Total	(B) Succeeded in	Progress Rate
V01	V03	Students	Both Courses	[(B)÷(A)]x100	V01	V03	Students	Both Courses	[(B)÷(A)]x100
A	A	12	12	100.0%	A	A	9	9	100.0%
A	B	1	1	100.0%	A	C	1	1	100.0%
A	C	1	1	100.0%	A	F	1	0	0.0%
A	F	3	0	0.0%	B	A	1	1	100.0%
B	A	1	1	100.0%	B	B	2	2	100.0%
B	B	2	2	100.0%	B	F	3	0	0.0%
B	F	1	0	0.0%	C	D	1	0	0.0%
C	C	1	1	100.0%	C	F	1	0	0.0%
W	---	1	0	0.0%	F	F	1	0	0.0%
---	---	---	---	---	IF	F	1	0	0.0%
<b>Tot./Av. %</b>		<b>23</b>	<b>18</b>	<b>78.3%</b>	<b>Tot./Av. %</b>		<b>21</b>	<b>13</b>	<b>61.9%</b>

● **Chi Square Statistic**

<u>Course Outcome</u>	<u>Instructional Category</u>				<u>Row Totals</u>
	<u>Attended an Information Session</u>		<u>Did not attend an Information Session</u>		
<u>Successful</u> Grade of A, B, C, P	A	18	B	13	31
<u>Not Successful</u> Grade of D, F, NP, W	C	5	D	8	13
<b>Column Totals</b>		<b>23</b>		<b>21</b>	<b>43</b>

	<u>Expected Frequencies</u>	<u>Individual Chi Squares</u>
<b>Cell A:</b>	$(31) \times (23) \div 44 = 10.98$	$(18 - 10.98)^2 \div 10.98 = 4.49$
<b>Cell B:</b>	$(31) \times (21) \div 44 = 14.79$	$(13 - 14.79)^2 \div 14.79 = 2.17$
<b>Cell C:</b>	$(13) \times (23) \div 44 = 6.79$	$(5 - 6.79)^2 \div 6.79 = 0.47$
<b>Cell D:</b>	$(13) \times (21) \div 44 = 6.20$	$(8 - 6.20)^2 \div 6.20 = 0.52$
	Total students = 44.00	Total Chi Square = <b>7.65</b>

df = (row total - 1) x (column total - 1) = 1                      With df = 1, tabled value is **3.84**.

The *chi square* of **7.65** exceeds the tabled value of **3.84** and is, therefore, **significant** at the **.05** level.

► **Progress Rate** of students attending an **Information Session** is significantly **higher** than for students who did not attend an **Information Session**.

● **Phi Correlation Coefficient**

$$\text{Phi} = \sqrt{\text{Chi Square} \div N} = \sqrt{7.65 \div 44} = \sqrt{0.173863636} = 0.4169 \approx \underline{.42}$$

► A **.42** correlation coefficient shows a **moderate** relationship between **course progress** and **attendance** at an **Information Session**.