■ SUMMARY

● Introduction

The **VC Math Center**, located in room **SCI-223A** in the Sciences and Mathematics building, is funded through the college's Title V *Velocidad* Grant. The Math Center assists Ventura College students in acquiring the skills they need to succeed in their current mathematics class/es.

This report examines tutoring sessions provided during **fall 2015**. Data for the study were extracted from GradesFirst (Math Center visits) and the VCCCD Banner System (final grades).

● Overview

Summary data for **fall 2015** and **fall 2014** are presented in the table below.

Tutoring Category	Fall 2015	Fall 2014	Change Number	Change Percent
A. Number of <u>VC</u> MATH Courses where Tutoring Provided	18	17	1	6%
B. Unduplicated Number of Tutored Students	185	244	-59	-24%
C. Unduplicated <u>VC</u> Basic-Skills (Below Transfer Math)	55	48	7	15%
D. Number of Student Tutoring Sessions	591	764	-173	-23%
E. Number of Course Enrollments	185	299	-114	-38%
F. Number of Course Enrollments with a Final Grade	182	172	10	6%
G. Overall Success Rates in Tutored Courses	67.0%	67.4%	-0.4	-1%

● Demographics of Tutored Students

In the table below, **fall 2105** tutored students, whose Student IDs were **matched** to grade records, are categorized by ethnicity and gender. Students are counted for **each** course in which they received tutoring (<u>and</u> a final grade). Success rates are indicated in the right-hand column.

Demographic Characteristic / Demographic Group	Students Count	Students Percent	Successful Number	Successful Rate
Ethnicity				
Asian	8	4.4%	6	75.0%
Black or African American	3	1.6%	1	33.3%
Hispanic	111	61.0%	72	64.9%
Native American	2	1.1%	2	100.0%
Pacific Islander	0	--	--	--
Two or More Ethnicities	8	4.4%	6	75.0%
White	48	26.4%	33	68.8%
Unreported or Not Available	2	1.1%	2	100.0%
Totals	**182**	**100.0%**	**122**	**67.0%**
Gender				
Female	104	57.1%	69	66.3%
Male	76	41.8%	52	68.4%
Unreported or Not Available	2	1.1%	1	50.0%
Totals	**182**	**100.0%**	**122**	**67.0%**

- *Ethnicity:* **Hispanic** students accounted for the greatest percentage of tutored students: **61%**.

- *Gender:* The majority of tutored students were **male**: **57%**.

■ SUCCESS RATES BY COURSE

Success is defined as a grade of A, B, C, or P.

Course	Fall 2015				
	No. of Student Tutoring Sessions	Number of Course Enrollments	Students with Grades		
			Count	Successful	Success Rate
IDS N100	2	2	0	--	--
LS V07	4	1	1	1	100%
MATH R014A	1	1	1	1	100%
MATH R143	1	1	1	1	100%
MATH V01	42	20	20	11	55%
MATH V02	1	1	1	0	0%
MATH V03	40	16	15	9	60%
MATH V04	102	17	17	10	59%
MATH V05	25	10	10	6	60%
MATH V10	9	6	6	5	83%
MATH V11A	17	5	5	5	100%
MATH V12	12	6	6	4	67%
MATH V13A	3	1	1	1	100%
MATH V20	76	13	13	11	85%
MATH V21A	85	17	17	12	71%
MATH V21B	43	16	16	8	50%
MATH V22	3	3	3	3	100%
MATH V23	1	1	1	1	100%
MATH V35	18	2	2	2	100%
MATH V40	1	1	1	1	100%
MATH V44	54	28	28	15	54%
MATH V46	51	17	17	15	88%
Total	**591**	**185**	**182**	**122**	**67%**

Rows related to courses with **15** or more **tutored** students are highlighted.

■ SUCCESS RATE COMPARISONS

This table compares the course success rates of tutored students to those of non-tutored students in courses where **15 or more** students received tutoring. The non-tutored students were enrolled in the *same* course **sections** as the tutored students. In all courses below, students who received tutoring had higher success rates than the non-tutored students.

Fall 2015	Total Number	Tutored Students			Non- Tutored Students			Difference (A) – (B)	
Course	Enrolled	Count	Successful Num.	(A) Rate	Count	Successful Num.	(B) Rate	Points	Percent*
MATH V01	407	20	11	55.0%	387	186	48.1%	6.9	**14.3%**
MATH V03	431	15	9	60.0%	416	226	54.3%	5.7	**10.5%**
MATH V04	281	17	10	58.8%	264	143	54.2%	4.6	**8.5%**
MATH V21A	214	17	12	70.6%	197	135	68.5%	2.1	**3.1%**
MATH V21B	108	16	8	50.0%	92	36	39.1%	10.9	**27.9%**
MATH 44	479	28	15	53.6%	451	298	66.1%	-12.5	**-18.9%**
MATH 46	69	17	15	88.2%	52	34	65.4%	22.8	**34.9%**

* Percent = (Points ÷ (B)) x 100