

■ **SUMMARY**

● **Introduction**

All students at Ventura College are provided the opportunity to receive no-cost tutoring in a wide variety of subject areas. To access tutoring services, a student must be enrolled at VC during the term in which tutoring is requested and he/she must also enroll in IDS N100, a non-credit, no-fee lab class.

The objective of this study is to calculate the success rates of students who have received tutoring in **credit basic-skills** courses and to compare them to the success rates of non-tutored students in the same sections. Additionally, this report presents (a) summary data related to **all** disciplines in which tutoring services were provided and (b) success rate comparisons in those non-basic skills courses which experienced a high demand for tutoring services.

The study period consists of the **fall 2009** and **spring 2010** terms. Data for the study were extracted from SARS-GRID (tutoring sessions) and the VCCCD Banner System (final grades).

● **Overview**

Summary data for fall 2009 and spring 2010 are presented in the table below.

Tutoring Category	Fall 2009	Spring 2010
Number of Disciplines in which Tutoring was Provided	44	36
Total Number of Individual Students	1,085	956
Number of Individual Basic-Skills Students	109	89
Number of Total Student Tutoring Sessions *	5,996	4,770

* SARS-GRID creates a record for each tutoring session that a student attends – the “number of total student tutoring sessions” is a count of these records for each term.

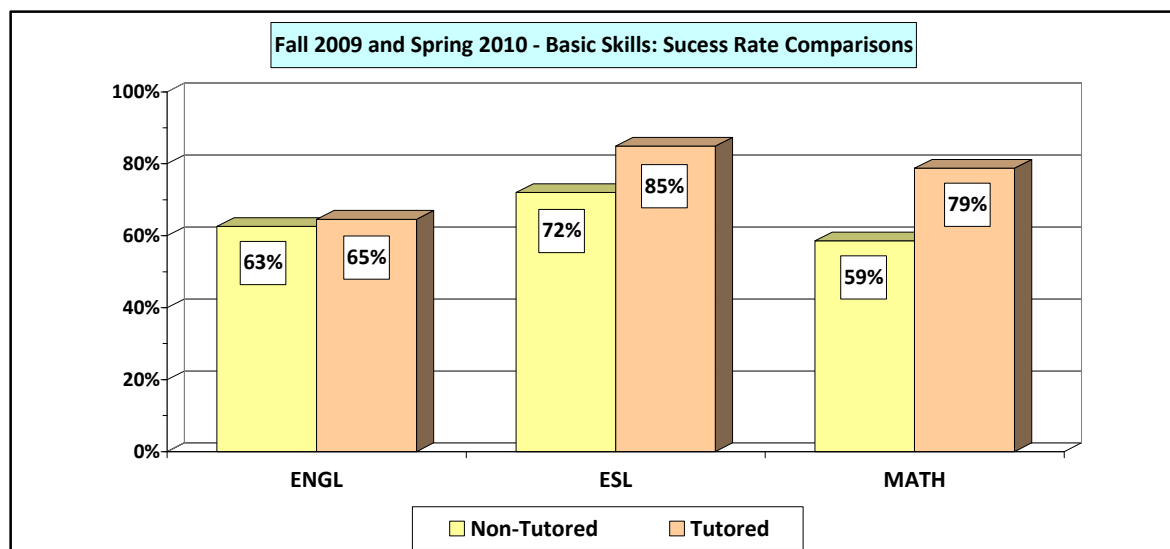
● **Success Rates in Basic Skills Courses**

In fall 2009 and spring 2010, overall success rates for students who received tutoring in **basic skills** courses were **higher** than the corresponding rates for non-tutored students in the same sections.

Basic Skills Category	Success Rates	
	Fall 2009	Spring 2010
Tutored Students	76%	73%
Non-Tutored Student	60%	63%
Difference in Rates	16 pp	10 pp

Success Rate Formula
(Number of A, B, C or P grades *divided by* Number of A through W grades) *times* 100

Note: pp = percentage points



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• **Demographics of Tutored Students**

Many students who received tutoring in fall 2009 or spring 2010 were enrolled in two/more courses in the respective term. Also, many tutored students did not have a Banner final-grade record for every course in which they received tutoring. These students probably dropped the course/s during the first four weeks of the term (i.e., the student withdrew from the course during the “drop period”). Summary data related to tutored students appear in the table below.

Category	Fall 2009	Spring 2010
A. Total Individual Students who Received Tutoring	1,085	956
B. Number of Students Receiving a Grade in one/more Tutored Courses	962	900
C. Number of Students who did <u>not</u> receive a Grade in a Tutored Course	123	56

► The demographic data that follow are related to students who are represented in row B. ◀

- **Gender:** The majority of students are **female: 60%** in fall 2009 and **58%** in spring 2010.
- **Ethnicity:** **Hispanic** students account for nearly half of all tutored students – **47%** in fall 2009 and **45%** in spring 2010.

Demographic Characteristic	Fall 2009		Spring 2010	
	Number	Percent	Number	Percent
Ethnicity				
Asian	46	4.8%	54	6.0%
Black	46	4.8%	32	3.6%
Filipino	34	3.5%	20	2.2%
Hispanic	450	46.8%	405	45.0%
Native American	12	1.2%	9	1.0%
Pacific Islander	5	0.5%	4	0.5%
White	302	31.4%	310	34.4%
Unreported	61	6.3%	66	7.3%
Totals	962	100.0%	900	100.0%
Gender				
Female	577	60.0%	524	58.2%
Male	377	39.2%	366	40.7%
Unreported	8	0.8%	10	1.1%
Totals	962	100.0%	900	100.0%

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Fall 2009 and Spring 2010 – Tutoring and Student Success

■ **SUCCESS RATES – BY SUBJECT AREA**

This table indicates success rates by the subject areas (disciplines) in which students received tutoring.

Subject Area	Fall 2009			Spring 2010		
	Total Count	Success		Total Count	Success	
		Number	Rate		Number	Rate
ACT	--	--	--%	2	1	50.0%
ANAT	3	3	100.0%	8	6	75.0%
ANTH	5	3	60.0%	6	5	83.3%
ARCH	2	2	100.0%	--	--	--%
ART	1	0	0.0%	1	1	100.0%
BIOL	39	28	71.8%	71	52	73.2%
BIS	2	1	50.0%	4	4	100.0%
BUS	41	31	75.6%	30	20	66.7%
CD	5	5	100.0%	1	1	100.0%
CHEM	122	78	63.9%	200	147	73.5%
CJ	15	11	73.3%	14	11	78.6%
CS	3	0	0.0%	--	--	--%
DRFT	2	1	50.0%	--	--	--%
ECON	7	6	85.7%	9	5	55.6%
ENGL	275	228	82.9%	189	148	78.3%
ENGR	--	--	--%	3	2	66.7%
ESL	17	16	94.1%	36	29	80.6%
FREN	3	3	100.0%	1	1	100.0%
GEOG	6	4	66.7%	--	--	--%
GERM	2	1	50.0%	--	--	--%
HEC	1	1	100.0%	1	0	0.0%
HED	2	2	100.0%	3	2	66.7%
HIST	15	14	93.3%	5	5	100.0%
ITAL	1	1	100.0%	1	0	0.0%
LS	7	7	100.0%	6	3	50.0%
MATH	539	333	61.8%	408	260	63.7%
MICR	13	8	61.5%	22	17	77.3%
MM	4	4	100.0%	--	--	--%
MUS	50	43	86.0%	64	52	81.3%
NS	--	--	--%	2	1	50.0%
PE	2	2	100.0%	--	--	--%
PHIL	14	11	78.6%	14	12	85.7%
PHOT	--	--	--%	3	1	33.3%
PHSO	--	--	--%	5	4	80.0%
PHYS	29	24	82.8%	5	4	80.0%
POLS	10	9	90.0%	8	6	75.0%
PSY	21	16	76.2%	21	20	95.2%
SL	24	21	87.5%	6	6	100.0%
SOC	2	2	100.0%	--	--	--%
SPAN	50	41	82.0%	47	30	63.8%
SPCH	3	3	100.0%	--	--	--%
THA	--	--	--%	2	0	0.0%
Totals	1,337	963	72.0%	1,198	856	71.5%

Fall 2009 and Spring 2010 – Tutoring and Student Success

■ **SUCCESS RATES IN BASIC SKILLS COURSES**

These tables compare the success rates of tutored and non-tutored students in basic-skills courses. The non-tutored students were enrolled in the *same* course sections as the tutored students.

Fall 2009 Course ID	Total Course Enrolls	Non-Tutored Students			Tutored Students		
		Count	Success- ful	Success Rate	Count	Success- ful	Success Rate
ENGL V03	171	135	76	56.3%	36	24	66.7%
ENGL V04A	30	21	10	47.6%	9	6	66.7%
ENGL V07	39	32	25	78.1%	7	6	85.7%
ENGL V08A	21	19	8	42.1%	2	1	50.0%
Subtotal: ENGL	261	207	119	57.5%	54	37	68.5%
ESL V01A	20	17	9	52.9%	3	3	100.0%
ESL V03C	22	20	16	80.0%	2	2	100.0%
ESL V05B	28	22	16	72.7%	6	6	100.0%
ESL V07A	31	27	20	74.1%	4	3	75.0%
ESL V34A	4	2	1	50.0%	2	2	100.0%
Subtotal: ESL	105	88	62	70.5%	17	16	94.1%
MATH V09	181	158	91	57.6%	23	18	78.3%
MATH V10	317	288	171	59.4%	29	22	75.9%
Subtotal: MATH	498	446	262	58.7%	52	40	76.9%
Totals / Aver. Rates	864	741	443	59.8%	123	93	75.6%

Spring 2010 Course ID	Total Course Enrolls	Non-Tutored Students			Tutored Students		
		Count	Success- ful	Success Rate	Count	Success- ful	Success Rate
ENGL V03	141	111	84	75.7%	30	18	60.0%
ENGL V04A	11	9	6	66.7%	2	1	50.0%
ENGL V04B	14	12	5	41.7%	2	2	100.0%
ENGL V07	24	23	13	56.5%	1	1	100.0%
ENGL V08A	17	13	8	61.5%	4	1	25.0%
ENGL V08B	8	2	1	50.0%	6	4	66.7%
Subtotal: ENGL	215	170	117	68.8%	45	27	60.0%
ESL V01B	16	4	1	25.0%	12	10	83.3%
ESL V03A	27	15	10	66.7%	12	10	83.3%
ESL V05C	25	19	16	84.2%	6	5	83.3%
ESL V07B	14	11	8	72.7%	3	2	66.7%
ESL V19B	23	20	16	80.0%	3	2	66.7%
Subtotal: ESL	105	69	51	73.9%	36	29	80.6%
MATH V09	112	105	60	57.1%	7	7	100.0%
MATH V10	311	290	171	59.0%	21	16	76.2%
Subtotal: MATH	423	395	231	58.5%	28	23	82.1%
Totals / Aver. Rates	743	634	399	62.9%	109	79	72.5%

Fall 2009/Spring 2010 Basic Skills by Discipline	Total Course Enrolls	Non-Tutored Students			Tutored Students		
		Count	Success- ful	Success Rate	Count	Success- ful	Success Rate
ENGL	476	377	236	62.6%	99	64	64.6%
ESL	210	157	113	72.0%	53	45	84.9%
MATH	921	841	493	58.6%	80	63	78.8%
Totals / Aver. Rates	1,607	1,375	842	61.2%	232	172	74.1%

Fall 2009 and Spring 2010 – Tutoring and Student Success

■ **FALL 2009 – SUCCESS RATES BY COURSE**

This table displays fall 2009 success rates for tutored and non-tutored students by *selected* courses in the **ENGL**, **ESL**, and **MATH** disciplines. **All** of the **basic skills** courses are included, plus several non-basic skills courses in which there were a relatively high enrollment of tutored students.

Fall 2009 Course ID	Total Enroll- ments	Non-Tutored Students			Tutored Students		
		Count	Success		Count	Success	
			Number	Rate		Number	Rate
ENGL V01A	519	445	295	66.3%	74	58	78.4%
ENGL V01B	325	307	232	75.6%	18	18	100.0%
ENGL V02	690	579	380	65.6%	111	98	88.3%
ENGL V03 *	171	135	76	56.3%	36	24	66.7%
ENGL V04A *	30	21	10	47.6%	9	6	66.7%
ENGL V05	31	27	21	77.8%	4	4	100.0%
ENGL V06A	77	63	49	77.8%	14	13	92.9%
ENGL V07 *	39	32	25	78.1%	7	6	85.7%
ENGL V08A *	21	19	8	42.1%	2	1	50.0%
ESL V01A *	20	17	9	52.9%	3	3	100.0%
ESL V03C *	22	20	16	80.0%	2	2	100.0%
ESL V05B *	28	22	16	72.7%	6	6	100.0%
ESL V07A *	31	27	20	74.1%	4	3	75.0%
ESL V34A *	4	2	1	50.0%	2	2	100.0%
MATH V01	639	555	267	48.1%	84	42	50.0%
MATH V02	79	70	32	45.7%	9	6	66.7%
MATH V03	704	614	225	36.6%	90	53	58.9%
MATH V04	332	268	157	58.6%	64	45	70.3%
MATH V05	155	122	83	68.0%	33	22	66.7%
MATH V09 *	181	158	91	57.6%	23	18	78.3%
MATH V10 *	317	288	171	59.4%	29	22	75.9%
MATH V20	160	136	69	50.7%	24	12	50.0%
MATH V21A	168	120	61	50.8%	48	26	54.2%
MATH V21B	95	78	45	57.7%	17	13	76.5%
MATH V21C	46	42	27	64.3%	4	3	75.0%
MATH V24	31	29	12	41.4%	2	1	50.0%
MATH V30	85	76	47	61.8%	9	7	77.8%
MATH V35	54	45	32	71.1%	9	8	88.9%
MATH V38	31	27	17	63.0%	4	4	100.0%
MATH V40	58	54	46	85.2%	4	3	75.0%
MATH V44	464	425	196	46.1%	39	22	56.4%
MATH V46A	79	59	32	54.2%	20	14	70.0%

* Basic skills courses.

Fall 2009 and Spring 2010 – Tutoring and Student Success

■ **SPRING 2010 – SUCCESS RATES BY COURSE**

This table displays spring 2010 success rates for tutored and non-tutored students by *selected* courses in the **ENGL**, **ESL**, and **MATH** disciplines. All of the **basic skills** courses are included, plus several non-basic skills courses in which there were a relatively high enrollment of tutored students.

Spring 2010 Course ID	Total Enroll- ments	Non-Tutored Students			Tutored Students		
		Count	Success		Count	Success	
			Number	Rate		Number	Rate
ENGL V01A	683	604	413	68.4%	79	65	82.3%
ENGL V01B	326	305	251	82.3%	21	20	95.2%
ENGL V02	341	302	207	68.5%	39	32	82.1%
ENGL V03 *	141	111	84	75.7%	30	18	60.0%
ENGL V04A *	11	9	6	66.7%	2	1	50.0%
ENGL V04B *	14	12	5	41.7%	2	2	100.0%
ENGL V05	26	25	18	72.0%	1	0	0.0%
ENGL V06A	33	30	22	73.3%	3	3	100.0%
ENGL V07 *	24	23	13	56.5%	1	1	100.0%
ENGL V08A *	17	13	8	61.5%	4	1	25.0%
ENGL V08B *	8	2	1	50.0%	6	4	66.7%
ENGL V22B	31	30	20	66.7%	1	1	100.0%
ESL V01B *	16	4	1	25.0%	12	10	83.3%
ESL V03A *	27	15	10	66.7%	12	10	83.3%
ESL V05C *	25	19	16	84.2%	6	5	83.3%
ESL V07B *	14	11	8	72.7%	3	2	66.7%
ESL V19B *	23	20	16	80.0%	3	2	66.7%
MATH V01	598	545	244	44.8%	53	33	62.3%
MATH V01A	78	73	32	43.8%	5	2	40.0%
MATH V01B	41	40	24	60.0%	1	0	0.0%
MATH V01D	16	15	12	80.0%	1	1	100.0%
MATH V01E	14	13	11	84.6%	1	1	100.0%
MATH V02	29	26	12	46.2%	3	2	66.7%
MATH V03	631	556	214	38.5%	75	39	52.0%
MATH V04	310	250	141	56.4%	60	39	65.0%
MATH V05	161	132	79	59.8%	29	17	58.6%
MATH V09 *	112	105	60	57.1%	7	7	100.0%
MATH V10 *	311	290	171	59.0%	21	16	76.2%
MATH V20	112	99	49	49.5%	13	7	53.8%
MATH V21A	160	116	59	50.9%	44	24	54.5%
MATH V21B	98	88	48	54.5%	10	7	70.0%
MATH V21C	42	36	22	61.1%	6	6	100.0%
MATH V24	46	38	28	73.7%	8	5	62.5%
MATH V30	22	17	15	88.2%	5	5	100.0%
MATH V35	44	40	27	67.5%	4	3	75.0%
MATH V38	37	32	28	87.5%	5	5	100.0%
MATH V44	312	277	159	57.4%	35	26	74.3%
MATH V46A	75	60	31	51.7%	15	9	60.0%

* Basic skills courses.