

**Santiago Canyon College  
Distance Education: Participation, Demographics and Course Success**

**August 2015**

Santiago Canyon College offers a wide variety of distance education sections each semester, predominately via online delivery. As this type of learning gains in popularity, it is important to continually assess enrollments and outcomes so that we may remain current with the course variety and content needs of our community and the students we serve. This publication demonstrates the differences between distance education course offerings to traditional classroom delivery, including number of sections offered, student demographics, and course success and retention.

***Distance Education Offerings***

Overall, the number of sections offered in distance education has increased steady since Fall 2010 (59 to 75). However, headcounts and enrollment held steady.

**Santiago Canyon College  
Distance Education Sections Offered, Headcount, and Enrollments  
Fall 2011 - Spring 2015**

Semester	# of Sections Offered			Headcount (unduplicated)			Enrollments		
	Web	Hybrid	Total	Web	Hybrid	Total	Web	Hybrid	Total
Spring 2015	58	17	75	1426	518	1876	1898	540	2438
Fall 2014	47	17	64	1239	498	1657	1691	517	2208
Spring 2014	48	16	64	1208	515	1641	1660	537	2197
Fall 2013*	42	17	59	1257	542	1717	1679	582	2261
Spring 2013	56	17	73	1493	546	1942	2114	581	2695
Fall 2012	44	16	60	1291	563	1758	1749	612	2361
Spring 2012	48	14	62	1375	449	1730	1899	490	2389
Fall 2011	34	25	59	1034	872	1776	1439	975	2414

\*Includes one hybrid apprenticeship course/section

## Demographics

- The largest group of students who enroll in web based or hybrid classes are young; more than two-thirds of all distance education students at SCC are 25 years of age or younger.
- More than half of the students who enroll in web classes are female; however, hybrid classes had more males.
- Distance education students at SCC are ethnically representative of the general student body, with large Latinos and Whites.

### Santiago Canyon College Demographics of Distance Education Students (Headcount) Fall 2013 - Spring 2015

	Web Delivery				Hybrid Delivery				Total Distance Education			
	Fall 2013	Spring 2014	Fall 2014	Spring 2015	Fall 2013	Spring 2014	Fall 2014	Spring 2015	Fall 2013	Spring 2014	Fall 2014	Spring 2015
	n=1257	n=1208	n=1239	n=1426	n=542	n=515	n=498	n=518	n=1717	n=1641	n=1657	n=1876
<b>Age</b>												
17-21	52%	43%	49%	39%	45%	38%	53%	37%	49%	42%	50%	39%
22-25	22%	27%	23%	28%	29%	35%	24%	31%	24%	29%	23%	29%
26-29	11%	12%	10%	12%	10%	9%	10%	13%	10%	11%	10%	12%
30-39	9%	10%	10%	11%	11%	10%	7%	11%	10%	11%	10%	11%
40-49	4%	5%	5%	6%	4%	4%	4%	6%	4%	5%	5%	6%
50+	3%	3%	3%	4%	2%	3%	2%	2%	3%	3%	3%	4%
<b>Ethnicity</b>												
Native American	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
African American	3%	3%	3%	3%	3%	3%	1%	2%	3%	4%	3%	3%
Latino	35%	36%	36%	38%	31%	34%	37%	34%	34%	35%	37%	37%
Asian	7%	8%	7%	8%	10%	7%	9%	11%	8%	8%	8%	8%
Pacific Islander	1%	1%	1%	1%	1%	1%	1%	0%	1%	1%	2%	1%
White	43%	41%	41%	40%	44%	43%	43%	45%	43%	41%	41%	41%
Filipino	2%	2%	3%	2%	1%	2%	2%	2%	2%	2%	3%	2%
Other	0%	1%	1%	0%	0%	1%	1%	0%	0%	1%	1%	0%
Decline to State	8%	8%	7%	6%	9%	9%	8%	6%	8%	8%	8%	6%
<b>Gender</b>												
Female	59%	60%	59%	59%	44%	44%	43%	42%	55%	55%	55%	54%
Male	41%	40%	41%	41%	56%	56%	57%	58%	45%	45%	45%	46%

### ***Enrollments and Course Success Rates***

The current Distance Education “program,” at best, is an offering of a variety of sections in a variety of subject areas. Therefore, it is challenging to compare one mode of teaching to another based on the grades given by one teacher, one section. Detailed success and retention rates (by subject/course) are included below. Please note not all courses are offered in all three delivery modes and comparison are limited and should be used cautiously.

- Overall success rates for the three delivery modes are mixed. Web based has the same success rates for both Fall 2014 and Spring 2015 (60%); hybrids rates range from 59% to 66% respectively (7 percentage point gains), while traditional success rates were reversed (63% in Fall 2014 to 59% in Spring 2015; a 4 percentage points drop).
- Retention rates mirror pattern to that of success rates, ranging from 78% to 84%.

**Spring 2015 Comparison of SCC Web Course Delivery, Hybrid vs. Traditional Delivery  
(Enrollment/Retention/Success)**

Subject	Course	Web Delivery			Hybrid Delivery			Traditional Delivery		
		Enrollment	Success	Retention	Enrollment	Success	Retention	Enrollment	Success	Retention
BIOL	149				33	76%	97%			
	192				7	71%	100%			
BUS	90	7	29%	43%						
	100	32	78%	78%				120	48%	86%
	120	32	72%	91%				22	64%	82%
	121	23	65%	65%						
	130	36	28%	81%				18	39%	78%
	150				92	87%	93%			
	170	24	50%	75%						
CIS	101	28	61%	75%				21	43%	67%
	105	27	37%	70%						
CMPR	100	18	72%	89%	31	74%	81%	32	91%	94%
	105				58	59%	91%			
	213				35	57%	91%			
CNSL	116	75	48%	65%				277	73%	87%
COMM	111				17	65%	76%	86	77%	84%
ECON	102				30	43%	67%	120	75%	83%
HIST	101	46	54%	76%				206	53%	69%
	102	39	46%	82%				124	77%	91%
	120	79	39%	59%				304	58%	80%
	121	98	41%	65%				191	65%	83%
	162	24	54%	79%						

Subject	Course	Web Delivery			Hybrid Delivery			Traditional Delivery		
		Enrollment	Success	Retention	Enrollment	Success	Retention	Enrollment	Success	Retention
HUD	107	76	42%	72%				104	72%	83%
	110	39	46%	74%				33	82%	94%
	221	28	68%	93%						
KIN	104	117	70%	76%				38	74%	87%
	111	37	73%	81%						
MATH	060				40	43%	65%	468	46%	73%
	080				81	53%	79%	659	42%	68%
	105				24	67%	88%	154	75%	88%
	140				35	60%	71%	203	56%	76%
MGMT	120	10	70%	80%				4	75%	75%
	121	15	33%	60%						
	123	29	45%	66%						
MKTG	112	30	93%	93%						
	113	30	90%	90%						
	114	22	86%	95%						
	115	22	77%	77%						
	135	24	75%	75%						
MUS	101	36	50%	50%				417	77%	83%
PBLC	80	8	75%	75%						
POLT	101	154	79%	90%				550	61%	74%
	150				16	69%	69%			
PSYC	100	124	56%	88%				651	53%	80%
	157	45	76%	89%				50	74%	82%
	200	41	83%	93%						
RE	102	41	56%	71%						
	103	28	82%	82%						
	105	44	52%	84%						
	106	40	75%	90%						
	110	32	69%	78%						
	116	33	76%	82%						
SOC	100	76	30%	45%				342	53%	73%
	112	39	87%	97%				69	77%	90%
	240	31	19%	39%				49	69%	88%
SURV	230	32	94%	97%						
WATR	107				41	85%	90%			
<b>Semester TOTAL</b>		<b>1898</b>	<b>60%</b>	<b>77%</b>	<b>540</b>	<b>66%</b>	<b>84%</b>	<b>5312</b>	<b>59%</b>	<b>78%</b>

**Fall 2014 Comparison of SCC Web Course Delivery, Hybrid vs. Traditional Delivery  
(Enrollment/Retention/Success)**

Subject	Course	Web Delivery			Hybrid Delivery			Traditional Delivery		
		Enrollment	Success	Retention	Enrollment	Success	Retention	Enrollment	Success	Retention
BIOL	191				26	58%	73%			
BUS	120	33	88%	97%				26	73%	88%
	127	19	68%	68%						
	150				77	83%	86%			
	170	37	41%	51%						
	175	27	81%	81%						
CIS	101	33	52%	82%						
CMPR	100				68	60%	81%	34	65%	88%
	105				62	48%	73%			
CNSL	116	73	74%	84%				34	68%	85%
	150	36	81%	94%						
COMM	111				19	26%	42%	86	73%	83%
ECON	101				41	61%	71%	193	72%	84%
HIST	101	39	59%	77%				184	72%	91%
	102	34	32%	62%				136	60%	74%
	120	69	29%	61%				443	69%	86%
	121	75	27%	45%				203	68%	79%
	133	35	23%	40%						
HUD	107	39	49%	74%				131	62%	84%
	110	40	55%	70%						
KIN	104	75	65%	80%				45	87%	93%
	110	32	78%	84%						
	111	31	68%	94%						
LIBI	103	13	92%	100%						

Subject	Course	Web Delivery			Hybrid Delivery			Traditional Delivery		
		Enrollment	Success	Retention	Enrollment	Success	Retention	Enrollment	Success	Retention
MGMT	120	13	77%	92%						
	135	30	43%	67%						
MKTG	112	36	89%	92%						
	113	30	83%	83%						
	115	31	84%	87%						
	135	28	79%	79%						
MATH	060				35	40%	74%	494	57%	81%
	080				84	46%	82%	662	48%	76%
	105				29	76%	90%	177	71%	87%
	140				32	44%	69%	289	62%	81%
MGMT	120						13	69%	85%	
POLT	101	116	82%	97%				734	68%	83%
	150				13	77%	100%			
	250				1	100%	100%			
PSYC	100	177	48%	85%				626	62%	86%
	157	40	78%	88%				43	84%	91%
RE	102	62	65%	82%						
	103	41	88%	90%						
	105	58	52%	69%						
	106	49	84%	98%						
	110	50	62%	76%						
	114	41	54%	66%						
SOC	100	82	40%	61%				352	60%	80%
	112	35	37%	43%				50	68%	92%
SURV	118				30	83%	83%			
	229	32	88%	91%						
<b>Semester TOTAL</b>		<b>1691</b>	<b>60%</b>	<b>77%</b>	<b>517</b>	<b>59%</b>	<b>78%</b>	<b>4955</b>	<b>63%</b>	<b>83%</b>