

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

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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 steadily since Fall 2011 (59 to 75). Headcounts and enrollment have also held steady.

Santiago Canyon College Distance Education Sections Offered, Headcount, and Enrollments Fall 2011 – Fall 2015

| Semester | # of Sections Offered | | | Headcount (unduplicated) | | | Enrollments | | |
|-------------|-----------------------|--------|-------|--------------------------|--------|-------|-------------|--------|-------|
| | Web | Hybrid | Total | Web | Hybrid | Total | Web | Hybrid | Total |
| Fall 2015 | 54 | 21 | 75 | 1436 | 602 | 1928 | 1964 | 626 | 2590 |
| 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; nearly three-fourths 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 have more males.
- Distance education students at SCC are ethnically representative of the general student body, with large numbers of Latinos and Whites (41% and 8% respectively).

Santiago Canyon College Demographics of Distance Education Students (Headcount) Spring 2014 – Fall 2015

| | Web Delivery | | | | Hybrid Delivery | | | | Total Distance Education | | | |
|--------------------|--------------|-----------|----------|-----------|-----------------|-----------|----------|-----------|--------------------------|-----------|----------|-----------|
| | Spr 2014 | Fall 2014 | Spr 2015 | Fall 2015 | Spr 2014 | Fall 2014 | Spr 2015 | Fall 2015 | Spr 2014 | Fall 2014 | Spr 2015 | Fall 2015 |
| | n=1208 | n=1239 | n=1426 | n=1436 | n=515 | n=498 | n=518 | n=602 | n=1641 | n=1657 | n=1876 | n=1928 |
| Age | | | | | | | | | | | | |
| 17-21 | 43% | 49% | 39% | 47% | 38% | 53% | 37% | 52% | 42% | 50% | 39% | 48% |
| 22-25 | 27% | 23% | 28% | 25% | 35% | 24% | 31% | 24% | 29% | 23% | 29% | 25% |
| 26-29 | 12% | 10% | 12% | 10% | 9% | 10% | 13% | 8% | 11% | 10% | 12% | 9% |
| 30-39 | 10% | 10% | 11% | 11% | 10% | 7% | 11% | 10% | 11% | 10% | 11% | 11% |
| 40-49 | 5% | 5% | 6% | 5% | 4% | 4% | 6% | 4% | 5% | 5% | 6% | 5% |
| 50+ | 3% | 3% | 4% | 2% | 3% | 2% | 2% | 1% | 3% | 3% | 4% | 2% |
| Ethnicity | | | | | | | | | | | | |
| Native American | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |
| African American | 3% | 3% | 3% | 3% | 3% | 1% | 2% | 2% | 4% | 3% | 3% | 3% |
| Latino | 36% | 36% | 38% | 41% | 34% | 37% | 34% | 40% | 35% | 37% | 37% | 41% |
| Asian | 8% | 7% | 8% | 8% | 7% | 9% | 11% | 9% | 8% | 8% | 8% | 8% |
| Pacific Islander | 1% | 1% | 1% | 0% | 1% | 1% | 0% | 0% | 1% | 2% | 1% | 0% |
| White | 41% | 41% | 40% | 38% | 43% | 43% | 45% | 38% | 41% | 41% | 41% | 38% |
| Filipino | 2% | 3% | 2% | 1% | 2% | 2% | 2% | 3% | 2% | 3% | 2% | 2% |
| Other/Not Reported | 9% | 8% | 6% | 7% | 10% | 9% | 6% | 6% | 9% | 9% | 6% | 7% |
| Gender | | | | | | | | | | | | |
| Female | 60% | 59% | 59% | 57% | 44% | 43% | 42% | 45% | 55% | 55% | 54% | 54% |
| Male | 40% | 41% | 41% | 42% | 56% | 56% | 58% | 55% | 45% | 45% | 46% | 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 comparisons are limited and should be used cautiously.

- Overall success rates for the three delivery modes are mixed. Web based has similar success rates for both Spring 2015 and Fall 2015 (58%-60%); hybrids rates range from 55% to 66% respectively, while traditional success rates were reversed (59% in Spring 2015 to 63% in Fall 2015; a 4 percentage point gain).
- Retention rates mirror the pattern of success rates, ranging from 77% to 84%.

**Fall 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 |
| ACCT | 102 | | | | 32 | 34% | 50% | 70 | 76% | 93% |
| BIOL | 149 | 34 | 74% | 79% | | | | | | |
| | 191 | | | | 26 | 27% | 54% | | | |
| BUS | 120 | 29 | 66% | 79% | | | | 20 | 65% | 85% |
| | 130 | 36 | 44% | 83% | | | | 31 | 55% | 84% |
| | 150 | | | | 69 | 81% | 86% | | | |
| | 170 | 38 | 47% | 68% | | | | | | |
| | 175 | 28 | 61% | 64% | | | | | | |
| CIS | 101 | 27 | 63% | 67% | | | | | | |
| | 106 | 40 | 53% | 83% | | | | | | |
| CMPR | 100 | | | | 74 | 82% | 93% | | | |
| | 105 | | | | 58 | 50% | 78% | | | |
| COMM | 111 | | | | 18 | 56% | 67% | 82 | 67% | 74% |
| CNSL | 116 | 66 | 65% | 83% | | | | 38 | 68% | 87% |
| | 150 | 36 | 81% | 89% | | | | | | |
| ECON | 101 | | | | 36 | 64% | 78% | 238 | 68% | 83% |
| | 102 | 35 | 46% | 60% | | | | 95 | 74% | 85% |

| Subject | Course | Web Delivery | | | Hybrid Delivery | | | Traditional Delivery | | |
|---------|--------|--------------|---------|-----------|-----------------|---------|-----------|----------------------|---------|-----------|
| | | Enrollment | Success | Retention | Enrollment | Success | Retention | Enrollment | Success | Retention |
| HIST | 101 | 46 | 35% | 70% | | | | 189 | 78% | 91% |
| | 102 | 46 | 50% | 67% | | | | 158 | 63% | 82% |
| | 120 | 78 | 35% | 56% | | | | 378 | 67% | 84% |
| | 121 | 74 | 46% | 65% | | | | 212 | 68% | 86% |
| | 133 | 29 | 24% | 48% | | | | | | |
| HUD | 107 | 41 | 59% | 90% | 15 | 20% | 73% | 134 | 80% | 92% |
| | 108A | | | | 18 | 61% | 89% | 14 | 71% | 86% |
| | 110 | 41 | 61% | 78% | | | | | | |
| KIN | 104 | 110 | 63% | 84% | | | | 40 | 75% | 80% |
| | 110 | 35 | 77% | 94% | | | | | | |
| | 111 | 39 | 72% | 87% | | | | | | |
| MATH | 080 | | | | 108 | 41% | 79% | 673 | 49% | 75% |
| | 105 | | | | 32 | 78% | 91% | 156 | 72% | 84% |
| | 140 | | | | 35 | 60% | 69% | 292 | 53% | 73% |
| | N60 | | | | 74 | 36% | 76% | 489 | 54% | 76% |
| MGMT | 135 | 31 | 48% | 65% | | | | | | |
| MKTG | 112 | 29 | 86% | 90% | | | | | | |
| | 113 | 30 | 90% | 90% | | | | | | |
| | 115 | 26 | 73% | 81% | | | | | | |
| | 135 | 36 | 72% | 78% | | | | | | |
| PHIL | 111 | 63 | 59% | 70% | | | | 31 | 81% | 90% |
| POLT | 101 | 114 | 72% | 93% | | | | 675 | 67% | 84% |
| | 150 | | | | 10 | 70% | 70% | | | |
| | 250 | 5 | 100% | 100% | | | | | | |
| PSYC | 100 | 196 | 52% | 83% | | | | 681 | 61% | 87% |
| | 157 | 47 | 64% | 72% | | | | 36 | 86% | 89% |

| Subject | Course | Web Delivery | | | Hybrid Delivery | | | Traditional Delivery | | |
|-----------------------|--------|--------------|------------|------------|-----------------|------------|------------|----------------------|------------|------------|
| | | Enrollment | Success | Retention | Enrollment | Success | Retention | Enrollment | Success | Retention |
| RE | 102 | 53 | 47% | 79% | | | | | | |
| | 103 | 30 | 87% | 90% | | | | | | |
| | 105 | 49 | 65% | 82% | | | | | | |
| | 106 | 32 | 84% | 94% | | | | | | |
| | 110 | 45 | 58% | 78% | | | | | | |
| | 114 | 40 | 50% | 70% | | | | | | |
| SOC | 100 | 116 | 40% | 58% | | | | 320 | 60% | 84% |
| | 112 | 77 | 58% | 73% | | | | 46 | 83% | 93% |
| SURV | 118 | | | | 21 | 48% | 71% | | | |
| WATR | 109 | 37 | 76% | 86% | | | | | | |
| Semester TOTAL | | 1964 | 58% | 77% | 626 | 55% | 78% | 5098 | 63% | 82% |

**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% | | | | | | |
| 171 | 27 | 44% | 78% | | | | | | | |
| 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% | | | | | | |
| HUD | 107 | 76 | 42% | 72% | | | | 104 | 72% | 83% |
| | 110 | 39 | 46% | 74% | | | | 33 | 82% | 94% |
| | 221 | 28 | 68% | 93% | | | | | | |

| Subject | Course | Web Delivery | | | Hybrid Delivery | | | Traditional Delivery | | |
|-----------------------|--------|--------------|------------|------------|-----------------|------------|------------|----------------------|------------|------------|
| | | Enrollment | Success | Retention | Enrollment | Success | Retention | Enrollment | Success | Retention |
| 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% | | | |
| Semester TOTAL | | 1898 | 60% | 77% | 540 | 66% | 84% | 5312 | 59% | 78% |