

### Summer Advantage Summary 2017

The 2017 Summer Advantage Program changed format from previous years. The new program consisted of four days of workshops covering a variety of topics to help students transition into their first year of college. This change was due to a new placement method being implemented at Norco College. Students received Multiple Measure placements (MMAP) based on their high school performance, so advancement in English and Math was no longer the priority of the program. In all, 1,039 students applied to the program and 668 were invited to attend NOW week. Three hundred and ninety-seven students completed the entire program (all four days of NOW week).

Students were divided into groups by their appropriate School. The School breakdown is below.

School	Students	Percent
Arts & Humanities	54	12.7%
Business and Management	56	13.2%
Social & Behavioral Studies	120	28.3%
STEM - Science & Health	98	23.1%
STEM - Tech, Engineering and Math	92	21.7%
Total	424	100.0%

### Summer Advantage 2017 Analysis

An analysis of the Fall 2017 enrollment and success of Summer Advantage students was completed. Three-hundred and sixty-nine of the 397 SA students enrolled past census in Fall 2017.

The overall success rates for all Fall 2017 enrollments were compared. This comparison includes all courses a student enrolled in, not just Math and English. All enrollments of SA participants were compared to all enrollments of first-time students at Norco College. There were 1,226 enrollments of SA participants and 864 (70.5%) received successful grades. The comparison group had a success rate of **59.5%**, with 2,012 of 3,380 enrollments receiving successful grades. There is a significant difference in course success ( $t=7.049$ ,  $p < .01$ ) and retention ( $t=2.047$ ,  $p < .05$ ) between groups, with the SA group being higher in both. SA students enrolled in 11.65 units on average, while all other first-time Norco students enrolled in 8.54 units on average.

	Success	Retention
SA Enrollments	<b>70.5%*</b>	<b>88.9%*</b>
First-time students Enrollments	59.5%	86.7%

*\*T-tests show that the differences between groups for success and retention are significant. Retention-Percentage of students who do not withdraw from class and receive a valid grade.*

The overall success of SA students compared to all other first time students at Norco College was disaggregated by gender and ethnicity.

	SA Student Success Rate		First time student success rate	
<b>Total</b>	369	70.5%	1351	59.5%
Female	183	75.2%	594	59.8%
Male	181	66.3%	736	59.3%
Unknown	5	40.0%	21	62.0%

	SA Student Success Rate		First time student success rate	
<b>Total</b>	369	70.5%	1351	59.5%
Asian/PI	22	70.4%	94	72.0%
African American	14	72.2%	80	54.9%
Hispanic	256	69.2%	869	57.2%
Native American/Alaskan			2	75.0%
White	2	100%	9	68.8%
Two or more races	75	73.5%	292	63.1%
Unknown		70.5%	5	70.0%

Comparison of Average Units Attempted in Fall 2017

	Average Unit Course Load
Summer Advantage	11.65*
First-time students	8.54

\* Significant difference between groups  $t=17.651$   $p<.01$

Comparison of Math and English enrollments

	Enrolled in Math and English	Enrolled in Math or English	Not enrolled in Math or English	Did not Enroll
SA Participants	222/369 (60.2%)	124/369 (33.6%)	23/369 (6.2%)	28
First-Time Students	337/1351 (24.9%)	526/1351 (38.9%)	488/1351 (36.1%)	n/a

Comparison of success rates with similar units/intensity- cohorts narrowed down to students who enrolled in at least one math or English Course and attempted 12 or more units in Fall 2017.

Comparison of Overall Success	Enrollments	Success Rate
Summer Advantage Students (n=217)	823	74.0%*
All First-Time Students (n=340)	1312	63.0%

\*Significant difference ( $t = 5.403$   $p<.01$ )

Participants were required to complete a comprehensive student educational plan during NOW week before they were granted early registration. Summer Advantage students completed SEPs in their first term at a significantly higher rate than all other first time students.

	Comprehensive SEP	Percent
<b>Summer Advantage</b>	358/369	97.0%*
<b>First-time students</b>	405/1351	30.0%

\*Significant difference ( $t = 43.819$   $p < .01$ )

### Spring 2018 Analysis

Term-to-Term Persistence	Summer Advantage	All Other First-Time College Students
<b>Fall 17-Spring 18</b>	326/369	856/1351
	88.3%	63.4%
<b>Fall 17-Fall 18</b>	280/369	769/1351
	75.9%*	56.9%

\*Indicates significant difference between groups ( $t=11.756$ ,  $p < .01$ )

\*Indicates significant difference between groups ( $t=7.276$ ,  $p < .01$ )

Pipeline Completion	Summer Advantage	All Other First-Time College Students
<b>English</b>	212/369	324/1351
	57.5%	24.0%
<b>Math</b>	146/369	191/1351
	39.6%	14.1%

\*Indicates significant difference between groups ( $t=11.839$ ,  $p < .01$ )

\*Indicates significant difference between groups ( $t=3.350$ ,  $p < .01$ )