Summer Advantage 2012 Summary

The 2012 Summer Advantage Program included 8 separate components. Two components were intended to advance students' placement in English courses. Four components were aimed to advance students' math placement. The final two components, Guidance and Rites to Thrive, helped students with the transition to college. In all, 179 students signed up for the program. The table below indicates enrollments for each component.

Program Enrollment

Component	# Students	Percent
Bridge to STEM	32	17.9%
English Fast Track	37	20.7%
English True Skills	7	3.9%
Guidance	26	14.5%
Math Fast Track 1	16	8.9%
Math Fast Track 2	18	10.1%
Math True Skills	14	7.8%
Rites to Thrive	29	16.2%
Total	179	100%

The Summer Advantage program had a high completion rate, with 86.6% of students completing. The students that didn't complete the program consist of No Show's and students that started the program but did not stay until the end. The table below contains completion rates for each component. Bridge to STEM, Math True Skills and Rites to Thrive had 100% completion.

Completion Rates by Component

		Completed Component		
		Yes	No	% Completion
Component	Bridge to STEM	32	0	100.0%
	English Fast Track	26	11	70.3%
	English True Skills	6	1	85.7%
	Guidance	22	4	84.6%
	Math Fast Track 1	10	6	62.5%
	Math Fast Track 2	16	2	88.9%
	Math True Skills	14	0	100.0%
	Rites to Thrive	29	0	100.0%
	Total	155	24	86.6%

The table below indicates the number of levels advanced in the English components. The majority of students advanced one level in the English series.

Number of Levels Advanced - English

English Levels Advanced	# Students	Percent
0	5	16.1%
1	18	58.1%
2	8	25.8%

The table below indicates the number of levels advanced in the Math components. The majority of students stayed at the same level.

Number of Levels Advanced - Math

Math Levels Advanced	# Students	Percent
0	36	52.9%
1	23	33.8%
2	5	7.4%
3	4	5.9%

The table below contains the number of levels advanced in each component.

Number of Levels Advanced by Component

		Levels Advanced				
		0	1	2	3	Total
Component	Bridge to STEM	24	0	4	0	28
	English Fast Track	5	12	8	0	25
	English True Skills	0	6	0	0	6
	Math Fast Track 1	5	1	1	3	10
	Math Fast Track 2	5	11	0	0	16
	Math True Skills	2	11	0	1	14
	Total	41	41	13	4	99
	Total Percent	41.4%	41.4%	13.1%	4.0%	100.0%

Summer Advantage 2012 Analysis

An analysis of the success rates of students who participated in the program was completed. Enrollments for Fall 2012 were gathered for Summer Advantage participants and for students in the same course section as Summer Advantage participants. These students enrolled in the same sections as program participants serve as the comparison group.

The overall success rates for all Fall 2012 enrollments was compared. This comparison includes all courses enrolled in, not just Math and English. There were 444 enrollments of SA participants and 319 (**71.8%**) received successful grades. The comparison group had a similar success rate, **71.5%,** with 6,666 of 9,325 enrollments receiving successful grades.

Success rates were compared for English SA participants and all other students enrolled in the same English sections. Of the 28 SA English participants who completed the program, 21 enrolled in an English course in Fall 2012. Fifteen of these students succeed in their English class (**71.4%**). The comparison group showed a success rate of **74.0%** (345/466). A t-test to compare means was completed to see if the difference in success rates was significant. A t-value of -0.266 and a p-value of 0.791 were obtained. These success rates are not significantly different from each other. Success rates for SA English participants by the number of English levels advanced and by English course were done. The tables below indicate results.

English Levels Advanced	Count	Percent Successful
0	1/4	25.0%
1	9/11	81.8%
2	5/6	83.3%
Total	15/21	71.4%

	SA English Participant		Non-Participants	
Course	Count	Percent Successful	Count	Percent Successful
English-60A	2/3	66.7%	68/90	75.6%
English-60B	2/2	100.0%	25/31	80.6%
English-50	2/5	40.0%	80/111	72.1%
English-80	3/4	75.0%	56/82	68.3%
English-1A	6/7	85.7%	116/152	76.3%
Total	15/21	71.4%	345/466	74.0%

Success rates for SA Math participants and students enrolled in the same sections were compared for Math enrollments only. Thirty-nine SA Math participants were given a placement and 34 of these students enrolled in a Math course in Fall 2012.The success rate of SA Math participants was

79.4% (27/34) while the success rate of students enrolled in the same sections was **67.5%** (689/1020). A t-test comparing means was performed. A t-value of 1.650 and a p-value of 0.108 were obtained. There is no evidence to indicate that these success rates are significantly different from each other. Success rate for SA Math participants by course and by number of levels advanced were also done. The tables below indicate results.

Math Levels Advanced	**Count**	**Percent Successful**
0	4/8	50.0%
1	21/23	91.3%
2	1/1	100.0%
3	1/2	50.0%
Total	27/34	79.4%

	SA Math Participant		Non-Participants	
Course	Count	Percent Successful	Count	Percent Successful
Math-63	0/2	0.00%	39/49	79.6%
Math-64	3/3	100%	37/48	77.1%
Math-65	0/1	0.00%	45/56	80.4%
Math-52	3/4	75.0%	88/145	60.7%
Math-53	1/1	100%	24/48	50.0%
Math-35	14/17	82.4%	250/388	64.4%
Math-36	2/2	100%	36/56	64.3%
Math-11	2/2	100%	101/124	81.5%
Math-12	2/2	100%	69/106	65.1%
Total	27/34	79.4%	689/1020	67.5%