

De Anza College Office of Institutional Research and Planning

To: Jerry Rosenberg, PSME Dean

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Subject: Math Early Assessment Program (EAP) Students

All high school juniors are required to take the EAP exam in the spring of their junior year as part of the Smarter Balanced test. The purpose of the exam is to inform students and parents of the student's readiness for college-level work. If a student is found to "exceed the standard" they are eligible for college-level work in either English or math at any California State University (CSU) campus. The student does not need to take a placement test at the CSU or take any developmental courses.

The California Community College Chancellor's Office has also approved the use of EAP scores in lieu of a placement test for students who meet the standard:

<http://extranet.cccco.edu/Portals/1/SSSP/Matriculation/Assessment/Clarification%20SAT%20ACT%207-1-2015.pdf>. The CCCO maintains a list of current community colleges who use the EAP exam as an alternative to placement:

<http://extranet.cccco.edu/Divisions/StudentServices/EAP/AcceptingEAP.aspx>.

For this analysis, only students who "exceed the standard" in math were included and are thus eligible for college-level math at a CSU campus. In addition, only the first math course in which they enrolled was included. Currently, De Anza does not accept EAP scores for either English or Math, so these students were required to take a placement test prior to enrolling in either subject or show equivalency.

Table 1. Students who Met the Standard and Enrolled in a Math Courses at De Anza

	Santa Clara High School Students Eligible for College Math	Number Enrolled in a Math Course at DAC	Percent Enrolled in a Math Course at DAC
Spring 2013	1,837	246	13%
Spring 2014	1,257	142	11%
Spring 2015	1,697	41	2%

Note: Enrollment was tracked between 2012-13 and 2015-16.

Table 1 displays the number of students who attended a Santa Clara high school and met the standard in math. For students who took the test in spring 2015, they would likely not enroll until fall 2016, though some students may attend sooner to take college-level courses (see Table 2).

- In spring 2013, 1,837 students were eligible for college-level math. Of these, 13% or 246 enrolled in a math course at De Anza by spring 2016.
- In spring 2014, 1,257 students were eligible for college-level math and 11% or 142 enrolled in a math class at De Anza.
- In spring 2015, 1,697 students were eligible for college-level math and 2% or 41 enrolled in math at De Anza. The bulk of these students will not enroll until fall 2016.

Table 2. Enrollment Term for each EAP Cohort

Spring 2013			Spring 2014			Spring 2015		
	Students	Percent		Students	Percent		Students	Percent
Summer 2012	7	3%	Summer 2013	1	1%	Summer 2014	6	15%
Winter 2013	2	1%	Winter 2014	2	1%	Fall 2014	3	7%
Spring 2013	2	1%	Summer 2014	14	10%	Spring 2015	2	5%
Summer 2013	14	6%	Fall 2014	10	7%	Summer 2015	7	17%
Fall 2013	11	4%	Winter 2015	12	8%	Fall 2015	7	17%
Winter 2014	13	5%	Spring 2015	8	6%	Winter 2016	5	12%
Spring 2014	13	5%	Summer 2015	14	10%	Spring 2016	11	27%
Summer 2014	5	2%	Fall 2015	18	13%	Total	41	100%
Fall 2014	22	9%	Winter 2016	27	19%			
Winter 2015	13	5%	Spring 2016	36	25%			
Spring 2015	17	7%	Total	142	100%			
Summer 2015	42	17%						
Fall 2015	30	12%						
Winter 2016	22	9%						
Spring 2016	33	13%						
Total	246	100%						

Note: Includes only the first math course they enrolled in.

Of the students who met the standard on the EAP exam in spring 2013, 2014, or 2015, Table 2 displays the term in which they enrolled at De Anza College and took their first math course.

- For students who took the EAP exam in spring 2013, 246 enrolled in a math course. Of these students, the majority (17%) enrolled in summer 2015 followed by 13% in spring 2016 and 12% in fall 2015.
- For students who took the EAP exam in spring 2014, 142 have enrolled in a math course with the majority enrolling in spring 2016, 25%, followed by 19% in winter 2016.
- For the students in the spring 2015 cohort, they would have graduated in spring 2016 with the majority enrolling after that. However, thus far, 41 students have enrolled in a math course already.

Table 3. Course Enrollment

Spring 2013			Spring 2014			Spring 2015		
	Students	Percent		Students	Percent		Students	Percent
D001A	10	4%	D001A	8	6%	D001A	4	10%
D001B	19	8%	D001B	17	12%	D001B	1	2%
D001C	32	13%	D001C	25	18%	D001C	9	22%
D001D	23	9%	D001D	17	12%	D001D	3	7%
D002A	9	4%	D002A	2	1%	D002A	1	2%
D002B	21	9%	D002B	3	2%	D002B	4	10%
D010.	86	35%	D010.	42	30%	D010.	7	17%
D011.	6	2%	D011.	2	1%	D011.	2	5%
D012.	4	2%	D012.	1	1%	D041.	6	15%
D022.	7	3%	D022.	2	1%	D042.	2	5%
D041.	6	2%	D041.	5	4%	D043.	2	5%
D042.	6	2%	D042.	5	4%	Total	41	100%
D043.	13	5%	D043.	11	8%			
D044.	1	0%	D114.	1	1%			
D114.	3	1%	D212.	1	1%			
Total	246	100%	Total	142	100%			

Note: Includes only the first math course they enrolled in.

Of the students who met the standard on the EAP exam in spring 2013, 2014 or 2015, Table 3 displays the first course which they enrolled.

- For students who took the EAP exam in spring 2013, the majority (35%) enrolled in Math 10 as their first course followed by 13% enrolling in Math 1C.
- For students who took the EAP exam in spring 2014, the majority (30%) enrolled in Math 10 as their first course followed by 18% enrolling in Math 1C.
- For students who took the EAP exam in spring 2015, the majority (22%) enrolled in Math 1C as their first course followed by 17% enrolling in Math 10.

Table 4. Success Rates of Students who Met the Standard in Spring 2013

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
D001A	9	90%	1	10%			10	100%
D001B	10	53%	5	26%	4	21%	19	100%
D001C	19	59%	10	31%	3	9%	32	100%
D001D	19	83%	2	9%	2	9%	23	100%
D002A	8	89%			1	11%	9	100%
D002B	18	86%	1	5%	2	10%	21	100%
D010.	77	90%	5	6%	4	5%	86	100%
D011.	5	83%			1	17%	6	100%
D012.	3	75%			1	25%	4	100%
D022.	5	71%	2	29%			7	100%
D041.	5	83%	1	17%			6	100%
D042.	5	83%	1	17%			6	100%
D043.	9	69%	2	15%	2	15%	13	100%
D044.	1	100%					1	100%
D114.	3	100%					3	100%
Total	196	80%	30	12%	20	8%	246	100%

Note: Includes only the first math course they enrolled in.

Of the students who met the standard on the EAP exam in spring 2013, their overall course success rate was 80%.

- All students except 3 enrolled in a college-level course as their first course, these students would have been cleared from taking a placement exam and could enroll directly into a college-level course.
- The 3 students who enrolled in Math 114 would have been exempt from taking this course. All three of these students successfully completed the course.

Table 5. Success Rates of Students who Met the Standard in Spring 2014

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
D001A	5	63%	3	38%			8	100%
D001B	11	65%	3	18%	3	18%	17	100%
D001C	19	76%	3	12%	3	12%	25	100%
D001D	12	71%			5	29%	17	100%
D002A	2	100%					2	100%
D002B	3	100%					3	100%
D010.	41	98%			1	2%	42	100%
D011.	2	100%					2	100%
D012.	1	100%					1	100%
D022.	2	100%					2	100%
D041.	3	60%	2	40%			5	100%
D042.	2	40%	2	40%	1	20%	5	100%
D043.	7	64%	1	9%	3	27%	11	100%
D114.	1	100%					1	100%
D212.	1	100%					1	100%
Total	112	79%	14	10%	16	11%	142	100%

Note: Includes only the first math course they enrolled in.

Of the students who took the EAP exam in spring 2014, their overall success rate was 79%. All but 2 students enrolled in a college-level course. The two students that enrolled in 114 and 212 would have been exempted by the EAP. These two students successfully completed the course.

Table 6. Success Rates of Students who Met the Standard in Spring 2015

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
D001A	4	100%					4	100%
D001B	1	100%					1	100%
D001C	9	100%					9	100%
D001D	3	100%					3	100%
D002A					1	100%	1	100%
D002B	4	100%					4	100%
D010.	7	100%					7	100%
D011.	2	100%					2	100%
D041.	5	83%	1	17%			6	100%
D042.	2	100%					2	100%
D043.	2	100%					2	100%
Total	39	95%	1	2%	1	2%	41	100%

Note: Includes only the first math course they enrolled in.

Of the students who took the EAP exam in spring 2015, of those that have enrolled so far, all enrolled in a college-level course. Their overall success rate is 95%.