

# De Anza College Office of Institutional Research and Planning

**To:** AB 705 Committee

**From:** Mallory Newell, De Anza Researcher

**Date:** 5/30/2019

**Subject:** Enrollment in Other GE Courses After Passing Transfer-Level English and Math

---

This analysis looks at students who are passed EWRT1A or MATH10 (Statistics) in the fall term and the courses in which they were enrolled during the fall, winter and spring quarters of the same academic year. It also includes the success rates in the courses in which they enrolled at the same time or after taking and passing EWRT1A or MATH10 in the same academic year.

It appears that students are enrolling in a higher number of other GE courses after having completed a transfer-level course, and this shift is more predominant for students who pass MATH10 than those who pass EWRT1A. Further, when students complete MATH10, they enroll at a higher rate in EWRT1A. It also appears that success rates are remaining rather consistent even as more students are enrolling in the courses.

## Students who passed MATH10

- Table 1 displays the top 31 courses in which students enrolled who passed MATH10 over the past three years. All 31 courses saw an increase in enrollment for the fall 2018-19 academic year when compared to the two prior years. While success rates in 19 of the 31 courses also increased.
- Enrollment into EWRT1A for students who passed MATH10 saw an increase of 189%, from 147 in 2016-17 to 425 in 2018-19 while success rates went up 2% for these students.
- Enrollment into EWRT002 saw an increase of 114% from 169 in 2016-17 to 361 in 2018-19, while success rates remained flat.
- Enrollment into HUMI001 saw an increase of 173% from 93 in 2016-17 to 254 in 2018-19 and success rates remained unchanged.
- Other courses that saw an increase of over 100% include: PSYC001 and success rates went up 1%, COMM001 and success rates went up 1%, and BUS10 and success rates went down 9%.

## Students who passed EWRT1A

- Table 2 displays the top 33 courses in which students enrolled who passed EWRT1A over the past three years. 21 of the 33 courses saw an increase in enrollment for the fall 2018-19 academic year when compared to the two prior years. While success rates in 21 of the 33 courses also increased.
- Enrollment into EWRT002 saw an increase of 65%, from 587 in 2016-17 to 971 in 2018-19 and success rates dropped by 3%.

- Enrollment into HUMA10 saw an increase of 54% from 48 in 2016-17 to 74 in 2018-19 and success rates increased 6%.
- Enrollment into MATH42 saw an increase of 31% from 134 in 2016-17 to 176 in 2018-19 and success rates increased 19%.
- Enrollment into MATH43 saw an increase of 11% from 97 in 2016-17 to 108 in 2018-19 though success rates decreased 25% from 76% to 57%.
- Enrollment into CHEM001A saw an increase of 100% from 42 in 2016-17 to 84 in 2018-19 and success rates increased 5%.
- Enrollment into CHEM25 saw an increase of 75% from 48 in 2016-17 to 84 in 2018-19 and success rates went down 11%.
- Other courses that saw an increase include: ARTS001A and success rates decreased 11%, ASTR004 and success rates decreased 9%, CIS22B and success rates decreased 4%, COMM001 and success rates increased 1%, COMM10 and success rates increased 1%, HIST17C and success rates decreased 17% and HUMI001 and success rates increased 1

**Table. I. Students who Passed MATH10**

		Enrollment				Success					
		Fall	Fall	Fall		Fall	Fall	Fall		Fall	
		2016 -	2017 -	2018 -		2016 -	2017 -	2018 -		2016 -	
		Spring	Spring	Spring	%	Spring	Spring	Spring	Trend	Spring	%
		2017	2018	2019	Change	2017	2018	2019	Change	2017	Change
ACCT	D001A	99	98	142		43%	73%	90%	78%		7%
ACCT	D001B	86	86	121		41%	83%	87%	80%		-4%
ACCT	D001C	71	73	96		35%	95%	93%	83%		-13%
ANTH	D001.	66	60	103		56%	94%	92%	94%		0%
ANTH	D002.	61	27	48		-21%	97%	79%	89%		-8%
ARTS	D001A	35	42	50		43%	97%	88%	93%		-4%
ASTR	D004.	84	75	143		70%	98%	95%	86%		-12%
BIOL	D010.	52	46	83		60%	92%	91%	84%		-9%
BUS	D010.	68	70	157		131%	94%	93%	86%		-9%
BUS	D018.	62	53	101		63%	85%	85%	90%		6%
CIS	D003.	53	47	49		-8%	85%	96%	89%		5%
COMM	D001.	90	96	235		161%	90%	97%	91%		1%
COMM	D010.	64	63	99		55%	95%	95%	89%		-6%
ECON	D001.	115	103	160		39%	93%	92%	88%		-5%
ECON	D002.	100	93	150		50%	91%	93%	92%		1%
ESCI	D001.	54	72	91		69%	96%	97%	91%		-5%
EWRT	D001A	147	141	425		189%	87%	92%	89%		2%
EWRT	D001B	47	23	38		-19%	88%	84%	86%		-2%
EWRT	D002.	169	181	361		114%	90%	92%	90%		0%
HIST	D017B	45	47	60		33%	88%	96%	97%		10%
HIST	D017C	41	49	73		78%	93%	86%	76%		-18%
HUMI	D001.	93	91	254		173%	91%	95%	91%		0%
MATH	D041.	60	57	116		93%	65%	75%	67%		3%
MATH	D012.	52	39	53		2%	75%	76%	50%		-33%
MATH	D011.	50	30	41		-18%	70%	81%	54%		-23%
MATH	D001B	37	40	48		30%	77%	75%	73%		-5%
NUTR	D010.	46	39	48		4%	87%	97%	93%		7%
PHIL	D001.	41	45	63		54%	85%	85%	92%		8%
POLI	D001.	88	80	170		93%	87%	94%	88%		1%
PSYC	D001.	103	94	240		133%	90%	91%	91%		1%
SOC	D001.	57	55	111		95%	90%	91%	93%		3%

Legend: = Increase

Includes students who passed Math10 in the fall term and their enrollment and success in all other courses in fall, winter and spring of the same year.

**Table. 2. Enrollment of Students who Passed EWRTIA**

		Enrollment				Success					
		Fall 2016 - Spring 2017	Fall 2017 - Spring 2018	Fall 2018 - Spring 2019	Trend	% Change	Fall 2016 - Spring 2017	Fall 2017 - Spring 2018	Fall 2018 - Spring 2019	Trend	% Change
ACCT	D001A	114	100	87		-24%	70%	81%	75%		7%
ANTH	D001.	120	105	103		-14%	93%	94%	89%		-4%
ANTH	D002.	136	84	59		-57%	91%	91%	77%		-15%
ARTS	D001A	92	62	72		-22%	89%	75%	79%		-11%
ASTR	D004.	142	135	139		-2%	95%	93%	86%		-9%
BIOL	D010.	126	75	90		-29%	83%	92%	91%		10%
BUS	D010.	121	128	107		-12%	91%	89%	85%		-7%
CHEM	D001A	42	60	84		100%	77%	79%	81%		5%
CHEM	D025.	48	61	84		75%	85%	73%	76%		-11%
CIS	D022A	127	150	92		-28%	80%	87%	83%		4%
CIS	D022B	71	83	88		24%	79%	79%	76%		-4%
COMM	D001.	244	233	285		17%	88%	87%	91%		3%
COMM	D010.	143	133	144		1%	90%	92%	91%		1%
ECON	D001.	190	171	176		-7%	86%	94%	89%		3%
ECON	D002.	142	121	111		-22%	91%	90%	90%		-1%
ESCI	D001.	74	110	90		22%	91%	94%	95%		4%
EWRT	D002.	587	712	971		65%	89%	88%	86%		-3%
EWRT	D001B	181	96	105		-42%	77%	76%	76%		-1%
HIST	D017C	66	63	72		9%	88%	77%	73%		-17%
HUMA	D010.	48	36	74		54%	88%	97%	93%		6%
HUMI	D001.	255	279	306		20%	90%	89%	91%		1%
MATH	D010.	286	290	275		-4%	71%	80%	73%		3%
MATH	D042.	134	120	176		31%	69%	76%	82%		19%
MATH	D041.	227	200	150		-34%	63%	71%	76%		21%
MATH	D114.	326	302	113		-65%	75%	76%	68%		-9%
MATH	D043.	97	84	108		11%	76%	75%	57%		-25%
MATH	D001B	103	133	97		-6%	74%	72%	79%		7%
MATH	D001C	77	88	83		8%	71%	86%	78%		10%
MATH	D001A	94	124	74		-21%	75%	77%	78%		4%
PHIL	D003.	53	48	62		17%	98%	100%	98%		0%
POLI	D001.	182	159	181		-1%	83%	81%	83%		0%
PSYC	D001.	242	231	244		1%	95%	90%	87%		-8%
SOC	D001.	153	122	101		-34%	83%	90%	99%		19%

Legend: = Increase Includes students who passed EWRTIA in the fall term and their enrollment and success in all other courses in fall, winter and spring of the same year.