



FOOTHILL COLLEGE

Institutional Research and Planning

DATE: July 10, 2012

TO: Peter Murray, Dean, Physical Sciences, Math and Engineering

FROM: Elaine Kuo, College Researcher

RE: Math 1A, CIS 15A, CIS 27A

Overview

Students enrolled in Math 1A, CIS 15A and/or CIS 27A in Fall 2011 were identified and analyzed across the following demographic characteristics: gender, ethnicity, residency and time status. Math 1A had the highest enrollment with 348 students while CIS 15A and CIS 27A had smaller enrollment numbers, 175 and 224 respectively.

Table 1 shows the breakdown in the three courses by gender. Male students composed roughly 75% of the two CIS courses, but only 65% of Math 1A enrollment.

Table 1. Enrollment in CIS 15A/27A and Math 1A by Gender, Fall 2011.

Gender	<u>CISF015A</u>		<u>CISF027A</u>		<u>MATHF001A</u>	
	Students	Percent	Students	Percent	Students	Percent
Female	41	23%	59	26%	121	35%
Male	131	75%	161	72%	226	65%
Not Reported	3	2%	4	2%	1	0%
Total	175	100%	224	100%	348	100%

White and Asian students made up approximately three-quarters of each course, with Latinos, African Americans and Filipinos/Pacific Islanders composing around 15%. White students were 16% of Math 1A, but were around 40% of the two CIS courses (Table 2).

Table 2. Enrollment in CIS 15A/27A and Math 1A by Ethnicity, Fall 2011.

Ethnicity	<u>CISF015A</u>		<u>CISF027A</u>		<u>MATHF001A</u>	
	Students	Percent	Students	Percent	Students	Percent
African American	8	5%	6	3%	2	1%
Asian	68	39%	86	38%	216	62%
Filipino	4	2%	4	2%	12	3%
Latino/a	16	9%	24	11%	29	8%
Native American			2	1%	1	0%
Pacific Islander	1	1%	1	0%	2	1%
White	63	36%	91	41%	54	16%
Unknown	15	9%	10	4%	32	9%
Total	175	100%	224	100%	348	100%

When examining the residency status of CIS 15A, CIS 27A and Math 1A students, it appears that Math 1A attracted a relatively even mix of residents and non-residents (53% vs. 47%) while the CIS courses enrolled mostly residents (over 80%) (Table 3).

Table 3. Enrollment in CIS 15A/27A and Math 1A by Residency, Fall 2011.

Residency	<u>CISF015A</u>		<u>CISF027A</u>		<u>MATHF001A</u>	
	Students	Percent	Students	Percent	Students	Percent
Resident	145	83%	205	92%	183	53%
Non-resident, Intl	22	13%	10	4%	144	41%
Non-resident, Other	8	5%	9	4%	21	6%
Total	175	100%	224	100%	348	100%

Additional analysis of Math 1A students shows that most of the non-residents were international students of Asian descent, making up 33% of total course enrollment (Table 4).

Table 4. Enrollment in Math 1A by Ethnicity and Residency, Fall 2011.

Ethnicity	<u>MATHF001A</u>							
	<u>Resident</u>		<u>Non-resident, Intl</u>		<u>Non-resident, Other</u>		<u>Total</u>	
	Students	Percent	Students	Percent	Students	Percent	Students	Percent
African American			2	100%			2	100%
Asian	85	39%	116	54%	15	7%	216	100%
Filipino	12	100%					12	100%
Latino/a	25	86%			4	14%	29	100%
Native American	1	100%					1	100%
Pacific Islander	1	50%	1	50%			2	100%
White	50	93%	2	4%	2	4%	54	100%
Unknown	9	28%	23	72%			32	100%

Table 5 shows a majority of Math 1A students (67%) had full-time status (taking 12 or more units) while CIS 15A and CIS 27A students appeared to be primarily part-time.

Table 5. Enrollment in CIS 15A/27A and Math 1A by Time Status, Fall 2011.

Time Status	<u>CISF015A</u>		<u>CISF027A</u>		<u>MATHF001A</u>	
	Students	Percent	Students	Percent	Students	Percent
Full-time	54	31%	36	16%	232	67%
Part-time	105	60%	173	77%	99	28%
Withdrawn	16	9%	15	7%	17	5%
Total	175	100%	224	100%	348	100%

Methodology

Students who enrolled in CIS 15A, CIS 27A and Math 1A in Fall 2011 and received a final grade were included in this analysis.

Source

FHDA IR&P, ODS [Student Course, Government Student, LaManque Ethnicity Final]