Foothill College
English & Math Cohort Tracking
Research Highlights

June 15, 2010
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Math Cohort Tracking

- Cohorts tracked include students whose first math course at Foothill was between 2003-04 and 2007-08. Students were tracked forward for three academic years.

- Students were tracked based on the first math course that they took at Foothill (not on their placement).

Math Cohort Tracking – Starting in Fundamentals: Math 250/200 in 2003/04 thru 2005/06

Starting Level	Att. Fund	Pass Fund	Att. Beg.	Pass Beg.	Att. Inter.	Pass Inter.	Att. Tran.	Pass Tran.
Fundamentals	897	537	478	345	291	192	126	73
% of starting cohort	100%	**60%**	53%	**38%**	32%	**21%**	14%	**8%**
% from previous step	---	60%	89%	72%	84%	66%	66%	58%

*Note: Fundamentals = Math 200/250, Beginning Algebra = 101 or 220, Intermediate Algebra = 105, Transfer = 1, 2, 4, 10, 11, 12, 22, 44, 49, 51

Math Cohort Tracking – Starting in Fundamentals: Math My Way in 2006/07 thru 2007/08

Starting Level	Att. Fund	Pass Fund	Att. Beg.	Pass Beg.	Att. Inter.	Pass Inter.	Att. Tran.	Pass Tran.
Fundamentals	343	132	145	115	102	70	51	39
% of starting cohort	100%	**38%**	42%	**34%**	30%	**20%**	15%	**11%**
% from previous step	---	38%	110%	79%	89%	69%	73%	76%

*Note: Fundamentals = Math My Way, Beginning Algebra = 101 or 220, Intermediate Algebra = 105, Transfer = 1, 2, 4, 10, 11, 12, 22, 44, 49, 51

Math Cohort Tracking – Starting in Beginning Algebra

Starting Level	Att. Beg.	Pass Beg.	Att. Inter.	Pass Inter.	Att. Tran.	Pass Tran.
Beginning Algebra	2,022	1,553	1,215	929	678	494
% of starting cohort	100%	**77%**	60%	**46%**	34%	**24%**
% from previous step	---	77%	78%	76%	73%	73%
*Note: Beginning Algebra = 101 or 220, Intermediate Algebra = 105, Transfer = 1, 2, 4, 10, 11, 12, 22, 44, 49, 51						

Math Cohort Tracking – Starting in Intermediate Algebra

Starting Level	Att. Inter.	Pass Inter.	Att. Tran.	Pass Tran.
Intermediate Algebra	1,798	1,450	784	591
% of starting cohort	100%	**81%**	44%	**33%**
% from previous step	---	81%	54%	75%
*Note: Intermediate Algebra = 105, Transfer = 1, 2, 4, 10, 11, 12, 22, 44, 49, 51				

English Cohort Tracking

- Cohorts tracked include students whose first English course at Foothill was between 2003-04 and 2007-08. Students were tracked for three academic years.

- Students were tracked based on the first English course that they took at Foothill (not on their placement).

English Tracking – Starting in Two Levels Below Transfer

Starting Level	Att. Two Below	Pass Two Below	Att. One Below	Pass One Below	Att. Trans. A	Pass Trans. A	Att. Trans. B	Pass Trans. B
Two Levels Below Transfer	2,774	2,194	1,547	1,261	1,253	1,054	745	662
% of starting cohort	100%	**79%**	56%	**45%**	45%	**38%**	27%	**24%**
% from previous step	---	79%	71%	82%	99%	84%	71%	89%

*Note: Two Levels Below = 100, 104A or 108, One Level Below = 110, 104B or 108, Transfer A = English 1A, Transfer B = 1B

English Tracking – Starting in One Level Below Transfer

Starting Level	Att. One Below	Pass One Below	Att. Trans. A	Pass Trans. A	Att. Trans. B	Pass Trans. B
One Level Below Transfer	1,054	852	672	583	421	381
% of starting cohort	100%	81%	64%	55%	40%	36%
% from previous step	---	81%	79%	87%	72%	90%
*Note: One Level Below = 110, 104B or 108, Transfer A = English 1A, Transfer B = 1B						

English Tracking – Starting in Transfer A

Starting Level	Att. Trans. A	Pass Trans. A	Att. Trans. B	Pass Trans. B
Transfer A	4,378	3,727	2,611	2,399
% of starting cohort	100%	**85%**	60%	**55%**
% from previous step	---	85%	70%	92%

*Note: Transfer A = English 1A, Transfer B = 1B

Math Cohort Tracking & Student Equity

- Next, we looked at the cohort tracking rates for differences by ethnicity

- There are clear and significant differences in goal attainment by ethnicity…

- Note that some group sizes are fairly small (<25) – and thus subject to greater variability

Math Cohort Tracking – Starting in Fundamentals: Math 250/200 in 2003/04 thru 2005/06

Group	Size	Pass Fund	Pass Beg.	Pass Inter.	Pass Tran.
Asian	50	76%	58%	42%	14%
Black	87	52%	30%	14%	2%
Filipino	28	57%	39%	21%	4%
Hispanic	333	51%	33%	17%	7%
Pacific Islander	25	36%	24%	16%	8%
White	281	71%	46%	27%	11%
Other	93	65%	46%	19%	8%

Math Cohort Tracking – Starting in Fundamentals: Math My Way in 2006/07 thru 2007/08

Group	Size	Pass Fund	Pass Beg.	Pass Inter.	Pass Tran.
Asian	16	56%	56%	44%	31%
Black	27	19%	11%	4%	4%
Filipino	13	39%	23%	15%	15%
Hispanic	113	35%	29%	20%	12%
Pacific Islander	18	17%	22%	6%	6%
White	124	46%	41%	23%	11%
Other	32	22%	38%	25%	9%

Math Cohort Tracking by Ethnicity – Starting in Beginning Algebra

Group	Size	Pass Beg.	Pass Inter.	Pass Tran.
Asian	222	82%	51%	28%
Black	129	70%	37%	16%
Filipino	67	69%	28%	8%
Hispanic	452	73%	41%	20%
Pacific Islander	56	68%	30%	16%
White	839	80%	51%	28%
Other	257	76%	47%	27%

Math Cohort Tracking by Ethnicity – Starting in Intermediate Algebra

Group	Size	Pass Inter.	Pass Tran.
Asian	334	86%	35%
Black	110	70%	22%
Filipino	74	72%	19%
Hispanic	311	79%	29%
Pacific Islander	32	84%	22%
White	679	83%	40%
Other	258	77%	38%

English Tracking & Student Equity

- Next, we looked at the cohort tracking rates for differences by ethnicity

- There are clear and significant differences in goal attainment by ethnicity…

English Cohort Tracking by Ethnicity – Starting Two Levels Below

Group	Size	Pass Two Below	Pass One Below	Pass Trans. A	Pass Trans. B
Asian	377	84%	48%	46%	31%
Black	286	69%	42%	30%	15%
Filipino	124	77%	42%	30%	18%
Hispanic	725	78%	46%	35%	23%
Pacific Islander	111	68%	41%	26%	14%
White	864	83%	47%	43%	27%
Other	287	78%	43%	33%	22%

English Cohort Tracking by Ethnicity – Starting One Level Below

Group	Size	Pass One Below	Pass Trans. A	Pass Trans. B
Asian	143	86%	62%	46%
Black	57	63%	39%	18%
Filipino	35	66%	37%	23%
Hispanic	196	75%	51%	31%
Pacific Islander	20	70%	55%	45%
White	442	85%	58%	38%
Other	161	83%	57%	38%

English Cohort Tracking by Ethnicity – Starting in Transfer A

Group	Size	Pass Trans. A	Pass Trans. B
Asian	1,439	89%	67%
Black	122	75%	40%
Filipino	113	73%	35%
Hispanic	452	82%	51%
Pacific Islander	41	73%	46%
White	1,623	85%	50%
Other	588	84%	49%