

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Newly Designed Progression Reports by Ethnicity and Gender

#### Background:

*Achieving the Dream* progression reports, using the "Valencia" model of colored boxes, have been produced since 2009 to provide longitudinal information on our First-time-at-HCC Fall Cohorts. The reports provide information on significant milestones reached by selected subgroups of Fall Cohorts, with comparative profiles between developmental versus college-level students. While providing similar size (n) and rate (%) information, the new reports offer tables and color-coded trend charts ("sparklines" in *Microsoft Excel 2010*) to aid with interpretation and analysis.

#### Interpretation:

Interpretation of progression reports require observations of four features – the size (n) of individual milestones; the rate (%) of success of a milestone comparing to original total; the  $\pm$  trend over time of successive Cohorts for individual milestones; and the direction of that trend (up, flat or down). These observations help one to assess the impact of HCC's changes in treatments and policies to the selected subgroup and the overall Cohort. Because reports provide the AtD Fall 2003 Cohort information with eight years of the past Fall Cohorts, trend graphs help with interpretation of longitudinal milestone rates, and color application to those graphs helps one interpret how well expectations for those milestones have been met. Color application can be based on five considerations:

- an a priori set of expectations overall or by groups or individually,
- a numeric analysis based on the subgroup, the milestone and its table,
- a visual analysis based on the subgroup, the milestone and pattern of bars,
- the slope of the trendline set at a reasonable rate expectations, or
- a combination of some or all of these methods.

#### Analysis:

The analysis provided within the reports was based on a combination of the slope of the trendline and other subgroup factors.

For Color: Green bars indicate an upward sloping trendline (@0.5% or greater), suggesting that expectations are being met or exceeded.

Red bars indicate a downward sloping trendline (@ less than -0.5%), suggesting an unsuccessful progression point.

Yellow bars indicate an barely sloping trendline (@ between + 0.5% and -0.5%), suggesting cautionary review with unmet expectations.

Modifications There were three reasons that other considerations altered the bar colors. On the charts they are topped with one to three asterisks (\*):

- \* Bar color was dependent upon other factors and does not reflect the actual slope of the trendline.  
This occurred sometimes when evaluating proportion of the cohort, or when analyzing the trend for mid-math developmental referrals.
- \*\* Bar color is the opposite of the actual slope of the trendline -- e.g., green switched to red.  
This occurred when evaluating incoming developmental referral rates, which should be decreasing over time.
- \*\*\* Bar color does reflect the trend slope but had other factors to be considered.  
This occurred primarily when analyzing developmental referral to Top-level Math, which when rising suggests improvement over a lower placement.  
It also occurred when evaluating proportion of the cohort, or when analyzing the trend for mid-math developmental referrals.

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of White Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731		
	(n)	1,071	858	909	895	1,097	1,295	1,205	1,114	985	*	
Proportion of Cohort	(%)	13.4%	10.4%	9.8%	9.6%	10.2%	10.1%	8.9%	7.6%	7.7%		
	(%)											
Writing: Dev. English = ENGL0300 & ENGL0310 & INRW0420; Gatekeeper English = ENGL1301	Developmental	Referred to Developmental English (n)	180	119	103	108	117	138	126	118	105	**
		(%)	16.8%	13.9%	11.3%	12.1%	10.7%	10.7%	10.5%	10.6%	10.7%	
		Completed Any Dev. Engl. In First Year (n)	45	33	43	46	54	60	52	53	n/a	
		(%)	25.0%	27.7%	41.7%	42.6%	46.2%	43.5%	41.3%	44.9%		
		Completed All Dev. Engl. within 2 Years (n)	45	29	40	37	47	52	54	n/a	n/a	
		(%)	25.0%	24.4%	38.8%	34.3%	40.2%	37.7%	42.9%			
		Completed Engl. Gatekeeper within 2 Years (n)	58	36	35	40	50	47	43	n/a	n/a	
	(%)	32.2%	30.3%	34.0%	37.0%	42.7%	34.1%	34.1%				
	Completed Engl. Gatekeeper within 3 Years (n)	66	43	41	46	54	50	n/a	n/a	n/a		
	(%)	36.7%	36.1%	39.8%	42.6%	46.2%	36.2%					
	Completed a Degree or Award within 4 Years (n)	23	12	16	17	15	n/a	n/a	n/a	n/a		
	(%)	12.8%	10.1%	15.5%	15.7%	12.8%						
	College-Level	Referred to College-Level English (n)	838	707	792	771	973	1,140	1,075	991	877	
		(%)	78.2%	82.4%	87.1%	86.1%	88.7%	88.0%	89.2%	89.0%	89.0%	
Completed Engl. Gatekeeper within 2 Years (n)		300	222	284	291	328	376	436	n/a	n/a		
(%)		35.8%	31.4%	35.9%	37.7%	33.7%	33.0%	40.6%				
Completed Engl. Gatekeeper within 3 Years (n)	312	233	300	302	342	473	n/a	n/a	n/a			
(%)	37.2%	33.0%	37.9%	39.2%	35.1%	41.5%						
Completed a Degree or Award within 4 Years (n)	107	111	135	146	183	n/a	n/a	n/a	n/a			
(%)	12.8%	15.7%	17.0%	18.9%	18.8%							

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

MD: White Females, Progression\_\_Gender Ethnicity\_0305-12\_sparks.xlsx

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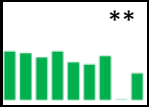









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Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, & INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, & GOVT2302	Developmental	Referred to Developmental Reading (n) (%)	96 9.0%	88 10.3%	87 9.6%	93 10.4%	94 8.6%	100 7.7%	95 7.9%	87 7.8%	74 7.5%	*** 
		Completed Any Dev. Reading In First Year (n) (%)	54 56.3%	43 48.9%	52 59.8%	57 61.3%	54 57.4%	56 56.0%	60 63.2%	42 48.3%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	48 50.0%	39 44.3%	47 54.0%	55 59.1%	53 56.4%	53 53.0%	55 57.9%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	31 32.3%	24 27.3%	37 42.5%	41 44.1%	41 43.6%	39 39.0%	34 35.8%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	35 36.5%	31 35.2%	39 44.8%	44 47.3%	44 46.8%	41 41.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	13 13.5%	14 15.9%	15 17.2%	13 14.0%	16 17.0%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level Reading (n) (%)	932 87.0%	756 88.1%	805 88.6%	785 87.7%	993 90.5%	1,185 91.5%	1,108 92.0%	1,021 91.7%	909 92.3%	
		Completed Read Gatekeeper within 2 Years (n) (%)	525 56.3%	392 51.9%	456 56.6%	452 57.6%	554 55.8%	665 56.1%	621 56.0%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	550 59.0%	406 53.7%	471 58.5%	467 59.5%	576 58.0%	700 59.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	121 13.0%	110 14.6%	135 16.8%	149 19.0%	181 18.2%	n/a	n/a	n/a	n/a	

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Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	572 53.4%	456 53.1%	477 52.5%	478 53.4%	567 51.7%	665 51.4%	635 52.7%	511 45.9%	492 49.9%	
		Completed Any Dev. Math In First Year (n) (%)	255 44.6%	201 44.1%	247 51.8%	254 53.1%	281 49.6%	301 45.3%	298 46.9%	227 44.4%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	124 21.7%	104 22.8%	152 31.9%	139 29.1%	153 27.0%	187 28.1%	168 26.5%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	98 17.1%	79 17.3%	84 17.6%	96 20.1%	91 16.0%	121 18.2%	105 16.5%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	117 20.5%	96 21.1%	109 22.9%	113 23.6%	126 22.2%	157 23.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	60 10.5%	61 13.4%	61 12.8%	69 14.4%	88 15.5%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	451 42.1%	368 42.9%	401 44.1%	385 43.0%	492 44.8%	581 44.9%	541 44.9%	566 50.8%	466 47.3%	
		Completed Math Gatekeeper within 2 Years (n) (%)	127 28.2%	83 22.6%	96 23.9%	105 27.3%	109 22.2%	108 18.6%	124 22.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	140 31.0%	85 23.1%	109 27.2%	115 29.9%	118 24.0%	154 26.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	70 15.5%	61 16.6%	82 20.4%	91 23.6%	106 21.5%	n/a	n/a	n/a	n/a	

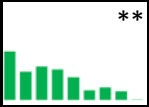









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Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Low Dev. Math = MATH0106 &amp; MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Low Level Developmental</b>	Referred to Low Level Dev. Math (n) (%)	181 16.9%	165 19.2%	178 19.6%	163 18.2%	186 17.0%	244 18.8%	220 18.3%	173 15.5%	173 17.6%	*** 
		Completed Any Dev. Math In First Year (n) (%)	91 50.3%	73 44.2%	94 52.8%	83 50.9%	91 48.9%	111 45.5%	118 53.6%	82 47.4%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	31 17.1%	22 13.3%	34 19.1%	27 16.6%	22 11.8%	43 17.6%	33 15.0%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	18 9.9%	12 7.3%	17 9.6%	17 10.4%	11 5.9%	16 6.6%	14 6.4%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	25 13.8%	19 11.5%	27 15.2%	25 15.3%	19 10.2%	28 11.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	21 11.6%	23 13.9%	19 10.7%	18 11.0%	16 8.6%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	451 42.1%	368 42.9%	401 44.1%	385 43.0%	492 44.8%	581 44.9%	541 44.9%	566 50.8%	466 47.3%	
		Completed Math Gatekeeper within 2 Years (n) (%)	127 28.2%	83 22.6%	96 23.9%	105 27.3%	109 22.2%	108 18.6%	124 22.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	140 31.0%	85 23.1%	109 27.2%	115 29.9%	118 24.0%	154 26.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	70 15.5%	61 16.6%	82 20.4%	91 23.6%	106 21.5%	n/a	n/a	n/a	n/a	

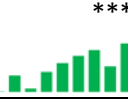









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Progression Dimensions		Baseline	Fall AtD Cohorts								Trend		
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs		
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n)	268	167	190	180	197	187	184	158	118	** 	
		Referred to Mid Level Dev. Math (%)	25.0%	19.5%	20.9%	20.1%	18.0%	14.4%	15.3%	14.2%	12.0%		
		Completed Any Dev. Math In First Year (n)	69	63	83	97	90	83	89	68	n/a		
		Completed Any Dev. Math In First Year (%)	25.7%	37.7%	43.7%	53.9%	45.7%	44.4%	48.4%	43.0%			
		Completed All Dev. Math within 2 Years (n)	49	40	61	53	47	53	48	n/a	n/a		
		Completed All Dev. Math within 2 Years (%)	18.3%	24.0%	32.1%	29.4%	23.9%	28.3%	26.1%				
	Completed Math Gatekeeper within 2 Years (n)	48	33	32	37	20	32	33	n/a	n/a			
	Completed Math Gatekeeper within 2 Years (%)	17.9%	19.8%	16.8%	20.6%	10.2%	17.1%	17.9%					
	Completed Math Gatekeeper within 3 Years (n)	54	40	41	43	36	43	n/a	n/a	n/a			
	Completed Math Gatekeeper within 3 Years (%)	20.1%	24.0%	21.6%	23.9%	18.3%	23.0%						
	Completed a Degree or Award within 4 Years (n)	18	22	28	34	27	n/a	n/a	n/a	n/a			
	Completed a Degree or Award within 4 Years (%)	6.7%	13.2%	14.7%	18.9%	13.7%							
<b>College-Level</b>	Referred to College-Level Math (n)	451	368	401	385	492	581	541	566	466			
	Referred to College-Level Math (%)	42.1%	42.9%	44.1%	43.0%	44.8%	44.9%	44.9%	50.8%	47.3%			
	Completed Math Gatekeeper within 2 Years (n)	127	83	96	105	109	108	124	n/a	n/a			
	Completed Math Gatekeeper within 2 Years (%)	28.2%	22.6%	23.9%	27.3%	22.2%	18.6%	22.9%					
Completed Math Gatekeeper within 3 Years (n)	140	85	109	115	118	154	n/a	n/a	n/a				
Completed Math Gatekeeper within 3 Years (%)	31.0%	23.1%	27.2%	29.9%	24.0%	26.5%							
Completed a Degree or Award within 4 Years (n)	70	61	82	91	106	n/a	n/a	n/a	n/a				
Completed a Degree or Award within 4 Years (%)	15.5%	16.6%	20.4%	23.6%	21.5%								

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Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	123 11.5%	124 14.5%	109 12.0%	135 15.1%	184 16.8%	234 18.1%	231 19.2%	180 16.2%	201 20.4%	*** 
		Completed Any Dev. Math In First Year (n) (%)	36 29.3%	35 28.2%	52 47.7%	51 37.8%	67 36.4%	80 34.2%	71 30.7%	62 34.4%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	44 35.8%	42 33.9%	57 52.3%	59 43.7%	84 45.7%	91 38.9%	87 37.7%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	32 26.0%	34 27.4%	35 32.1%	42 31.1%	60 32.6%	73 31.2%	58 25.1%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	38 30.9%	37 29.8%	41 37.6%	45 33.3%	71 38.6%	86 36.8%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	25 20.3%	16 12.9%	14 12.8%	17 12.6%	45 24.5%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	451 42.1%	368 42.9%	401 44.1%	385 43.0%	492 44.8%	581 44.9%	541 44.9%	566 50.8%	466 47.3%	
		Completed Math Gatekeeper within 2 Years (n) (%)	127 28.2%	83 22.6%	96 23.9%	105 27.3%	109 22.2%	108 18.6%	124 22.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	140 31.0%	85 23.1%	109 27.2%	115 29.9%	118 24.0%	154 26.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	70 15.5%	61 16.6%	82 20.4%	91 23.6%	106 21.5%	n/a	n/a	n/a	n/a	

Notes: \* Proportional loss of white females is expected in order to increase minority enrollment, but is still a concern.

\*\* Opposite color because a decrease in the referral rates to dev. English, dev. Mid-level Math and dev. Math would be expected.

\*\*\* Additional factors support the trendline color. Cautionary concern for less improvement in college readiness for dev. Reading and dev. Low-level Math. Expected increase toward college readiness could result in an upward trend for dev. Top-level Math referral.

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		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731		
	(n)	1,239	1,350	1,705	1,671	1,784	2,564	2,928	3,404	2,817		
Proportion of Cohort	(%)	15.5%	16.4%	18.3%	17.9%	16.7%	19.9%	21.5%	23.2%	22.1%		
Writing: Dev. English = ENGL0300 & ENGL0310 & INRW0420; Gatekeeper English = ENGL1301	Developmental	Referred to Developmental English (n)	463	443	524	563	525	674	919	1087	866	
		(%)	37.4%	32.8%	30.7%	33.7%	29.4%	26.3%	31.4%	31.9%	30.7%	
		Completed Any Dev. Engl. In First Year (n)	175	152	234	272	229	337	398	440	n/a	
		(%)	37.8%	34.3%	44.7%	48.3%	43.6%	50.0%	43.3%	40.5%		
		Completed All Dev. Engl. within 2 Years (n)	140	132	208	231	186	270	324	n/a	n/a	
		(%)	30.2%	29.8%	39.7%	41.0%	35.4%	40.1%	35.3%			
	College-Level	Completed Engl. Gatekeeper within 2 Years (n)	128	123	152	179	148	187	224	n/a	n/a	
		(%)	27.6%	27.8%	29.0%	31.8%	28.2%	27.7%	24.4%			
		Completed Engl. Gatekeeper within 3 Years (n)	140	139	173	218	173	216	n/a	n/a	n/a	
		(%)	30.2%	31.4%	33.0%	38.7%	33.0%	32.0%				
		Completed a Degree or Award within 4 Years (n)	43	51	52	52	55	n/a	n/a	n/a	n/a	
		(%)	9.3%	11.5%	9.9%	9.2%	10.5%					
College-Level	Referred to College-Level English (n)	727	879	1,154	1,085	1,241	1,793	1,969	2,277	2,088		
	(%)	58.7%	65.1%	67.7%	64.9%	69.6%	69.9%	67.2%	66.9%	74.1%		
	Completed Engl. Gatekeeper within 2 Years (n)	259	290	359	359	404	575	663	n/a	n/a		
	(%)	35.6%	33.0%	31.1%	33.1%	32.6%	32.1%	33.7%				
Completed Engl. Gatekeeper within 3 Years (n)	277	315	390	383	435	755	n/a	n/a	n/a			
(%)	38.1%	35.8%	33.8%	35.3%	35.1%	42.1%						
Completed a Degree or Award within 4 Years (n)	99	143	173	192	222	n/a	n/a	n/a	n/a			
(%)	13.6%	16.3%	15.0%	17.7%	17.9%							

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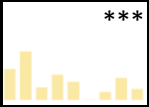





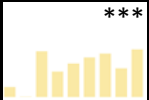


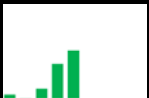
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Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, & INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, & GOVT2302	Developmental	Referred to Developmental Reading (n) (%)	303 24.5%	343 25.4%	466 27.3%	463 27.7%	440 24.7%	593 23.1%	781 26.7%	948 27.8%	706 25.1%	*** 
		Completed Any Dev. Reading In First Year (n) (%)	126 41.6%	168 49.0%	267 57.3%	263 56.8%	248 56.4%	334 56.3%	377 48.3%	425 44.8%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	99 32.7%	148 43.1%	240 51.5%	252 54.4%	228 51.8%	302 50.9%	361 46.2%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	59 19.5%	97 28.3%	138 29.6%	151 32.6%	133 30.2%	151 25.5%	176 22.5%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	65 21.5%	110 32.1%	157 33.7%	177 38.2%	156 35.5%	179 30.2%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	25 8.3%	44 12.8%	43 9.2%	39 8.4%	42 9.5%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level Reading (n) (%)	906 73.1%	992 73.5%	1,214 71.2%	1,184 70.9%	1,328 74.4%	1,932 75.4%	2,118 72.3%	2,421 71.1%	2,088 74.1%	*** 
		Completed Read Gatekeeper within 2 Years (n) (%)	464 51.2%	480 48.4%	569 46.9%	567 47.9%	698 52.6%	958 49.6%	1020 48.2%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	486 53.6%	515 51.9%	614 50.6%	612 51.7%	739 55.6%	1053 54.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	123 13.6%	152 15.3%	181 14.9%	203 17.1%	234 17.6%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Females

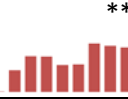









Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	834 67.3%	934 69.2%	1,115 65.4%	1,115 66.7%	1,177 66.0%	1,644 64.1%	1,900 64.9%	2,260 66.4%	1,837 65.2%	 ***
		Completed Any Dev. Math In First Year (n) (%)	391 46.9%	433 46.4%	505 45.3%	529 47.4%	599 50.9%	772 47.0%	806 42.4%	857 37.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	130 15.6%	144 15.4%	159 14.3%	196 17.6%	225 19.1%	282 17.2%	290 15.3%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	86 10.3%	101 10.8%	85 7.6%	127 11.4%	134 11.4%	166 10.1%	150 7.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	115 13.8%	133 14.2%	122 10.9%	179 16.1%	190 16.1%	234 14.2%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	85 10.2%	126 13.5%	128 11.5%	138 12.4%	151 12.8%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	359 29.0%	380 28.1%	548 32.1%	507 30.3%	554 31.1%	810 31.6%	935 31.9%	1043 30.6%	910 32.3%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	56 15.6%	58 15.3%	70 12.8%	82 16.2%	80 14.4%	121 14.9%	159 17.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	69 19.2%	65 17.1%	77 14.1%	97 19.1%	102 18.4%	155 19.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	60 16.7%	62 16.3%	95 17.3%	101 19.9%	118 21.3%	n/a	n/a	n/a	n/a	

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

MD: Black Females, Progression\_Gender\_Ethnicity\_0305-12\_sparks.xlsx

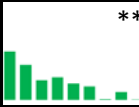









## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Low Dev. Math = MATH0106 &amp; MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Low Level Developmental</b>	Referred to Low Level Dev. Math (n) (%)	389 31.4%	478 35.4%	648 38.0%	634 37.9%	649 36.4%	936 36.5%	1,184 40.4%	1362 40.0%	1118 39.7%	 **
		Completed Any Dev. Math In First Year (n) (%)	166 42.7%	210 43.9%	312 48.1%	303 47.8%	338 52.1%	462 49.4%	527 44.5%	547 40.2%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	45 11.6%	45 9.4%	43 6.6%	64 10.1%	70 10.8%	92 9.8%	102 8.6%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	20 5.1%	22 4.6%	20 3.1%	32 5.0%	35 5.4%	36 3.8%	44 3.7%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	31 8.0%	39 8.2%	42 6.5%	57 9.0%	64 9.9%	74 7.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	45 11.6%	46 9.6%	59 9.1%	57 9.0%	61 9.4%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	359 29.0%	380 28.1%	548 32.1%	507 30.3%	554 31.1%	810 31.6%	935 31.9%	1043 30.6%	910 32.3%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	56 15.6%	58 15.3%	70 12.8%	82 16.2%	80 14.4%	121 14.9%	159 17.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	69 19.2%	65 17.1%	77 14.1%	97 19.1%	102 18.4%	155 19.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	60 16.7%	62 16.3%	95 17.3%	101 19.9%	118 21.3%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n) (%)	318 25.7%	295 21.9%	296 17.4%	305 18.3%	294 16.5%	399 15.6%	349 11.9%	478 14.0%	335 11.9%	 **
		Completed Any Dev. Math In First Year (n) (%)	93 29.2%	91 30.8%	104 35.1%	112 36.7%	106 36.1%	144 36.1%	125 35.8%	137 28.7%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	54 17.0%	46 15.6%	54 18.2%	66 21.6%	64 21.8%	77 19.3%	74 21.2%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	38 11.9%	36 12.2%	29 9.8%	42 13.8%	36 12.2%	47 11.8%	42 12.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	49 15.4%	46 15.6%	41 13.9%	60 19.7%	49 16.7%	62 15.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	26 8.2%	46 15.6%	41 13.9%	40 13.1%	46 15.6%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	359 29.0%	380 28.1%	548 32.1%	507 30.3%	554 31.1%	810 31.6%	935 31.9%	1043 30.6%	910 32.3%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	56 15.6%	58 15.3%	70 12.8%	82 16.2%	80 14.4%	121 14.9%	159 17.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	69 19.2%	65 17.1%	77 14.1%	97 19.1%	102 18.4%	155 19.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	60 16.7%	62 16.3%	95 17.3%	101 19.9%	118 21.3%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	127 10.3%	161 11.9%	171 10.0%	176 10.5%	234 13.1%	309 12.1%	367 12.5%	420 12.3%	238 8.4%	*** 
		Completed Any Dev. Math In First Year (n) (%)	24 18.9%	43 26.7%	43 25.1%	61 34.7%	66 28.2%	96 31.1%	92 25.1%	96 22.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	31 24.4%	53 32.9%	62 36.3%	66 37.5%	91 38.9%	113 36.6%	114 31.1%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	28 22.0%	43 26.7%	36 21.1%	53 30.1%	63 26.9%	83 26.9%	64 17.4%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	35 27.6%	48 29.8%	39 22.8%	62 35.2%	77 32.9%	98 31.7%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	25 19.7%	34 21.1%	28 16.4%	41 23.3%	44 18.8%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	359 29.0%	380 28.1%	548 32.1%	507 30.3%	554 31.1%	810 31.6%	935 31.9%	1043 30.6%	910 32.3%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	56 15.6%	58 15.3%	70 12.8%	82 16.2%	80 14.4%	121 14.9%	159 17.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	69 19.2%	65 17.1%	77 14.1%	97 19.1%	102 18.4%	155 19.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	60 16.7%	62 16.3%	95 17.3%	101 19.9%	118 21.3%	n/a	n/a	n/a	n/a	

Notes: \*\* Opposite color because a decrease in the referral rates to dev. English and dev. Mid-level Math would be expected.

\*\*\* Additional factors support the trendline color. Cautionary concern for less improvement in college readiness for dev. Reading, dev. Math, and dev. Low-level Math; plus less improvement than expected in yellow color for College-level Math overall.

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend		
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs		
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731			
	(n)	1,450	1,553	1,772	1,740	2,044	2,438	2,508	2,601	2,307			
Proportion of Cohort	(%)	18.1%	18.9%	19.0%	18.6%	19.1%	18.9%	18.5%	17.7%	18.1%			
Writing: Dev. English = ENGL0300 & ENGL0310 & INRW0420; Gatekeeper English = ENGL1301	Developmental	Referred to Developmental English	(n) (%)	535 36.9%	424 27.3%	458 25.8%	466 26.8%	478 23.4%	455 18.7%	507 20.2%	450 17.3%	384 16.6%	
		Completed Any Dev. Engl. In First Year	(n) (%)	219 40.9%	161 38.0%	230 50.2%	226 48.5%	231 48.3%	236 51.9%	252 49.7%	227 50.4%	n/a	
		Completed All Dev. Engl. within 2 Years	(n) (%)	193 36.1%	145 34.2%	217 47.4%	209 44.8%	205 42.9%	202 44.4%	221 43.6%	n/a	n/a	
		Completed Engl. Gatekeeper within 2 Years	(n) (%)	198 37.0%	147 34.7%	144 31.4%	173 37.1%	176 36.8%	133 29.2%	174 34.3%	n/a	n/a	
		Completed Engl. Gatekeeper within 3 Years	(n) (%)	215 40.2%	152 35.8%	170 37.1%	199 42.7%	201 42.1%	156 34.3%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years	(n) (%)	44 8.2%	42 9.9%	53 11.6%	48 10.3%	64 13.4%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level English	(n) (%)	875 60.3%	1,108 71.3%	1,297 73.2%	1,262 72.5%	1,554 76.0%	1,949 79.9%	1,983 79.1%	2,138 82.2%	1,999 86.6%	
		Completed Engl. Gatekeeper within 2 Years	(n) (%)	355 40.6%	497 44.9%	594 45.8%	565 44.8%	736 47.4%	836 42.9%	891 44.9%	n/a	n/a	
		Completed Engl. Gatekeeper within 3 Years	(n) (%)	384 43.9%	534 48.2%	635 49.0%	597 47.3%	772 49.7%	983 50.4%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years	(n) (%)	88 10.1%	189 17.1%	231 17.8%	262 20.8%	318 20.5%	n/a	n/a	n/a	n/a	

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

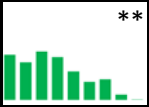









MD: Hispanic Females, Progression\_Gender Ethnicity\_0305-12\_sparks.xlsx

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## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, &amp; INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, &amp; GOVT2302</b>	<b>Developmental</b>	Referred to Developmental Reading (n) (%)	354 24.4%	350 22.5%	448 25.3%	415 23.9%	412 20.2%	428 17.6%	456 18.2%	371 14.3%	301 13.0%	 **
		Completed Any Dev. Reading In First Year (n) (%)	214 60.5%	225 64.3%	276 61.6%	253 61.0%	238 57.8%	251 58.6%	241 52.9%	196 52.8%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	179 50.6%	207 59.1%	261 58.3%	247 59.5%	229 55.6%	245 57.2%	225 49.3%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	116 32.8%	128 36.6%	165 36.8%	165 39.8%	158 38.3%	130 30.4%	159 34.9%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	128 36.2%	143 40.9%	193 43.1%	188 45.3%	182 44.2%	152 35.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	23 6.5%	33 9.4%	53 11.8%	42 10.1%	48 11.7%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Reading (n) (%)	1,068 73.7%	1,188 76.5%	1,311 74.0%	1,316 75.6%	1,619 79.2%	1,999 82.0%	2,042 81.4%	2,218 85.3%	1,999 86.6%	
		Completed Read Gatekeeper within 2 Years (n) (%)	604 56.6%	698 58.8%	784 59.8%	808 61.4%	1,012 62.5%	1,178 58.9%	1,163 57.0%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	635 59.5%	734 61.8%	820 62.5%	845 64.2%	1,059 65.4%	1,274 63.7%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	113 10.6%	200 16.8%	231 17.6%	267 20.3%	333 20.6%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

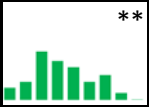









### Educational Progression of Hispanic Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	1,012 69.8%	1,095 70.5%	1,241 70.0%	1,287 74.0%	1,470 71.9%	1,713 70.3%	1,756 70.0%	1,722 66.2%	1,552 67.3%	*** 
		Completed Any Dev. Math In First Year (n) (%)	593 58.6%	641 58.5%	792 63.8%	748 58.1%	936 63.7%	967 56.5%	963 54.8%	910 52.8%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	278 27.5%	299 27.3%	388 31.3%	384 29.8%	483 32.9%	534 31.2%	552 31.4%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	188 18.6%	211 19.3%	230 18.5%	242 18.8%	292 19.9%	306 17.9%	296 16.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	225 22.2%	275 25.1%	292 23.5%	319 24.8%	404 27.5%	401 23.4%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	90 8.9%	152 13.9%	199 16.0%	224 17.4%	269 18.3%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	408 28.1%	432 27.8%	509 28.7%	420 24.1%	529 25.9%	664 27.2%	698 27.8%	818 31.4%	720 31.2%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	99 24.3%	112 25.9%	112 22.0%	83 19.8%	124 23.4%	155 23.3%	137 19.6%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 27.0%	123 28.5%	124 24.4%	95 22.6%	141 26.7%	185 27.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	44 10.8%	80 18.5%	83 16.3%	79 18.8%	106 20.0%	n/a	n/a	n/a	n/a	



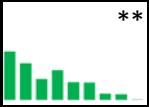









## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Low Dev. Math = MATH0106 &amp; MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Low Level Developmental</b>	Referred to Low Level Dev. Math (n) (%)	428 29.5%	478 30.8%	660 37.2%	613 35.2%	693 33.9%	750 30.8%	808 32.2%	738 28.4%	624 27.0%	
		Completed Any Dev. Math In First Year (n) (%)	239 55.8%	306 64.0%	425 64.4%	370 60.4%	445 64.2%	455 60.7%	466 57.7%	424 57.5%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	90 21.0%	98 20.5%	126 19.1%	108 17.6%	129 18.6%	121 16.1%	127 15.7%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	40 9.3%	56 11.7%	58 8.8%	55 9.0%	66 9.5%	46 6.1%	46 5.7%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	56 13.1%	93 19.5%	87 13.2%	95 15.5%	120 17.3%	81 10.8%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	40 9.3%	62 13.0%	78 11.8%	70 11.4%	88 12.7%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	408 28.1%	432 27.8%	509 28.7%	420 24.1%	529 25.9%	664 27.2%	698 27.8%	818 31.4%	720 31.2%	
		Completed Math Gatekeeper within 2 Years (n) (%)	99 24.3%	112 25.9%	112 22.0%	83 19.8%	124 23.4%	155 23.3%	137 19.6%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 27.0%	123 28.5%	124 24.4%	95 22.6%	141 26.7%	185 27.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	44 10.8%	80 18.5%	83 16.3%	79 18.8%	106 20.0%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n) (%)	417 28.8%	380 24.5%	334 18.8%	383 22.0%	360 17.6%	427 17.5%	337 13.4%	343 13.2%	263 11.4%	 **
		Completed Any Dev. Math In First Year (n) (%)	170 40.8%	186 48.9%	188 56.3%	184 48.0%	195 54.2%	222 52.0%	160 47.5%	161 46.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	111 26.6%	118 31.1%	117 35.0%	132 34.5%	134 37.2%	142 33.3%	111 32.9%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	100 24.0%	83 21.8%	66 19.8%	82 21.4%	72 20.0%	82 19.2%	58 17.2%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	111 26.6%	105 27.6%	90 26.9%	107 27.9%	95 26.4%	102 23.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	39 9.4%	59 15.5%	59 17.7%	76 19.8%	65 18.1%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	408 28.1%	432 27.8%	509 28.7%	420 24.1%	529 25.9%	664 27.2%	698 27.8%	818 31.4%	720 31.2%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	99 24.3%	112 25.9%	112 22.0%	83 19.8%	124 23.4%	155 23.3%	137 19.6%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 27.0%	123 28.5%	124 24.4%	95 22.6%	141 26.7%	185 27.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	44 10.8%	80 18.5%	83 16.3%	79 18.8%	106 20.0%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	167 11.5%	201 12.9%	247 13.9%	291 16.7%	417 20.4%	536 22.0%	611 24.4%	641 24.6%	665 28.8%	*** 
		Completed Any Dev. Math In First Year (n) (%)	57 34.1%	69 34.3%	132 53.4%	128 44.0%	177 42.4%	213 39.7%	264 43.2%	262 40.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	77 46.1%	83 41.3%	145 58.7%	144 49.5%	220 52.8%	271 50.6%	314 51.4%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	48 28.7%	72 35.8%	106 42.9%	105 36.1%	154 36.9%	178 33.2%	192 31.4%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	58 34.7%	77 38.3%	115 46.6%	117 40.2%	189 45.3%	218 40.7%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	21 12.6%	31 15.4%	62 25.1%	76 26.1%	116 27.8%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	408 28.1%	432 27.8%	509 28.7%	420 24.1%	529 25.9%	664 27.2%	698 27.8%	818 31.4%	720 31.2%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	99 24.3%	112 25.9%	112 22.0%	83 19.8%	124 23.4%	155 23.3%	137 19.6%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 27.0%	123 28.5%	124 24.4%	95 22.6%	141 26.7%	185 27.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	44 10.8%	80 18.5%	83 16.3%	79 18.8%	106 20.0%	n/a	n/a	n/a	n/a	

- Notes:
- \* While encouraging minority enrollment, a significant proportional gain of Hispanic females was expected, not the flat growth that has occurred.
  - \*\* Opposite color due to a decrease in the referral rates to dev. English, dev. Reading, dev. Low-level Math and dev. Mid-level Math as expected.
  - \*\*\* Expected increase toward college readiness could result in an upward trend dev. Top-level Math referral.
- Flat trend for College-level Math referrals was below expectations of increased cohort college readiness over the last 9 years.

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731	
	(n)	612	753	837	936	1,030	1,030	1,000	1,025	942	***
Proportion of Cohort	(%)	7.6%	9.2%	9.0%	10.0%	9.6%	8.0%	7.4%	7.0%	7.4%	
	(n)	205	207	203	185	229	181	166	177	146	**
Referred to Developmental English	(%)	33.5%	27.5%	24.3%	19.8%	22.2%	17.6%	16.6%	17.3%	15.5%	
	(n)	57	54	70	50	75	58	48	52	n/a	
Completed Any Dev. Engl. In First Year	(%)	27.8%	26.1%	34.5%	27.0%	32.8%	32.0%	28.9%	29.4%		
	(n)	50	47	60	46	63	50	46	n/a	n/a	
Completed All Dev. Engl. within 2 Years	(%)	24.4%	22.7%	29.6%	24.9%	27.5%	27.6%	27.7%			
	(n)	91	86	103	79	106	90	74	n/a	n/a	
Completed Engl. Gatekeeper within 2 Years	(%)	44.4%	41.5%	50.7%	42.7%	46.3%	49.7%	44.6%			
	(n)	104	101	115	95	137	103	n/a	n/a	n/a	
Completed Engl. Gatekeeper within 3 Years	(%)	50.7%	48.8%	56.7%	51.4%	59.8%	56.9%				
	(n)	24	30	48	54	71	n/a	n/a	n/a	n/a	
Completed a Degree or Award within 4 Years	(%)	11.7%	14.5%	23.6%	29.2%	31.0%					
	(n)	388	543	624	745	799	837	833	843	796	
Referred to College-Level English	(%)	63.4%	72.1%	74.6%	79.6%	77.6%	81.3%	83.3%	82.2%	84.5%	
	(n)	175	238	255	274	316	320	347	n/a	n/a	
Completed Engl. Gatekeeper within 2 Years	(%)	45.1%	43.8%	40.9%	36.8%	39.5%	38.2%	41.7%			
	(n)	194	261	274	306	353	402	n/a	n/a	n/a	
Completed Engl. Gatekeeper within 3 Years	(%)	50.0%	48.1%	43.9%	41.1%	44.2%	48.0%				
	(n)	71	123	136	167	175	n/a	n/a	n/a	n/a	
Completed a Degree or Award within 4 Years	(%)	18.3%	22.7%	21.8%	22.4%	21.9%					
	(n)										

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

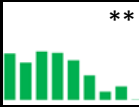









MD: Asian&Other Females, Progression\_Gender Ethnicity\_0305-12\_sparks.xlsx

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## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, & INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, & GOVT2302	Developmental	Referred to Developmental Reading (n) (%)	138 22.5%	155 20.6%	192 22.9%	212 22.6%	217 21.1%	184 17.9%	144 14.4%	159 15.5%	120 12.7%	
		Completed Any Dev. Reading In First Year (n) (%)	77 55.8%	99 63.9%	146 76.0%	134 63.2%	140 64.5%	116 63.0%	89 61.8%	107 67.3%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	76 55.1%	90 58.1%	130 67.7%	132 62.3%	149 68.7%	119 64.7%	88 61.1%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	66 47.8%	63 40.6%	114 59.4%	107 50.5%	105 48.4%	89 48.4%	70 48.6%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	76 55.1%	76 49.0%	121 63.0%	127 59.9%	128 59.0%	101 54.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	18 13.0%	23 14.8%	52 27.1%	58 27.4%	62 28.6%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level Reading (n) (%)	462 75.5%	596 79.2%	638 76.2%	723 77.2%	810 78.6%	845 82.0%	856 85.6%	862 84.1%	822 87.3%	
		Completed Read Gatekeeper within 2 Years (n) (%)	277 60.0%	388 65.1%	381 59.7%	409 56.6%	471 58.1%	498 58.9%	487 56.9%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	295 63.9%	408 68.5%	397 62.2%	441 61.0%	504 62.2%	537 63.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	77 16.7%	132 22.1%	134 21.0%	164 22.7%	184 22.7%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	309 50.5%	363 48.2%	390 46.6%	438 46.8%	421 40.9%	438 42.5%	393 39.3%	384 37.5%	416 44.2%	
		Completed Any Dev. Math In First Year (n) (%)	154 49.8%	191 52.6%	222 56.9%	230 52.5%	239 56.8%	240 54.8%	205 52.2%	197 51.3%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	99 32.0%	125 34.4%	142 36.4%	179 40.9%	168 39.9%	187 42.7%	155 39.4%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	94 30.4%	106 29.2%	124 31.8%	150 34.2%	125 29.7%	148 33.8%	125 31.8%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	105 34.0%	125 34.4%	142 36.4%	186 42.5%	152 36.1%	179 40.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	45 14.6%	52 14.3%	82 21.0%	113 25.8%	91 21.6%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	281 45.9%	379 50.3%	436 52.1%	485 51.8%	603 58.5%	576 55.9%	592 59.2%	619 60.4%	515 54.7%	
		Completed Math Gatekeeper within 2 Years (n) (%)	103 36.7%	133 35.1%	149 34.2%	117 24.1%	180 29.9%	145 25.2%	177 29.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 39.1%	141 37.2%	160 36.7%	141 29.1%	209 34.7%	212 36.8%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	50 17.8%	100 26.4%	103 23.6%	109 22.5%	155 25.7%	n/a	n/a	n/a	n/a	

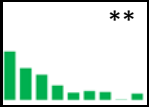









## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Low Dev. Math = MATH0106 &amp; MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Low Level Developmental</b>	Referred to Low Level Dev. Math (n) (%)	92 15.0%	116 15.4%	150 17.9%	145 15.5%	145 14.1%	127 12.3%	108 10.8%	129 12.6%	110 11.7%	**
		Completed Any Dev. Math In First Year (n) (%)	46 50.0%	59 50.9%	83 55.3%	77 53.1%	86 59.3%	65 51.2%	56 51.9%	61 47.3%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	23 25.0%	23 19.8%	36 24.0%	36 24.8%	23 15.9%	21 16.5%	22 20.4%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	17 18.5%	20 17.2%	20 13.3%	24 16.6%	14 9.7%	11 8.7%	14 13.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	20 21.7%	26 22.4%	32 21.3%	40 27.6%	24 16.6%	19 15.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	18 19.6%	12 10.3%	21 14.0%	29 20.0%	15 10.3%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	281 45.9%	379 50.3%	436 52.1%	485 51.8%	603 58.5%	576 55.9%	592 59.2%	619 60.4%	515 54.7%	
		Completed Math Gatekeeper within 2 Years (n) (%)	103 36.7%	133 35.1%	149 34.2%	117 24.1%	180 29.9%	145 25.2%	177 29.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 39.1%	141 37.2%	160 36.7%	141 29.1%	209 34.7%	212 36.8%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	50 17.8%	100 26.4%	103 23.6%	109 22.5%	155 25.7%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

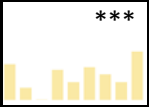









### Educational Progression of Asian/Other Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n) (%)	129 21.1%	123 16.3%	121 14.5%	106 11.3%	95 9.2%	100 9.7%	94 9.4%	75 7.3%	84 8.9%	
		Completed Any Dev. Math In First Year (n) (%)	52 40.3%	63 51.2%	64 52.9%	46 43.4%	41 43.2%	47 47.0%	51 54.3%	34 45.3%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	37 28.7%	52 42.3%	43 35.5%	44 41.5%	35 36.8%	37 37.0%	38 40.4%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	38 29.5%	38 30.9%	36 29.8%	39 36.8%	25 26.3%	35 35.0%	25 26.6%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	42 32.6%	46 37.4%	41 33.9%	45 42.5%	32 33.7%	47 47.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	18 14.0%	14 11.4%	23 19.0%	29 27.4%	24 25.3%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	281 45.9%	379 50.3%	436 52.1%	485 51.8%	603 58.5%	576 55.9%	592 59.2%	619 60.4%	515 54.7%	
		Completed Math Gatekeeper within 2 Years (n) (%)	103 36.7%	133 35.1%	149 34.2%	117 24.1%	180 29.9%	145 25.2%	177 29.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 39.1%	141 37.2%	160 36.7%	141 29.1%	209 34.7%	212 36.8%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	50 17.8%	100 26.4%	103 23.6%	109 22.5%	155 25.7%	n/a	n/a	n/a	n/a	



## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Females

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	129 21.1%	124 16.5%	119 14.2%	187 20.0%	181 17.6%	211 20.5%	191 19.1%	180 17.6%	222 23.6%	*** 
		Completed Any Dev. Math In First Year (n) (%)	29 22.5%	36 29.0%	56 47.1%	90 48.1%	84 46.4%	113 53.6%	83 43.5%	91 50.6%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	39 30.2%	50 40.3%	63 52.9%	99 52.9%	110 60.8%	129 61.1%	95 49.7%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	39 30.2%	48 38.7%	68 57.1%	87 46.5%	86 47.5%	102 48.3%	86 45.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	43 33.3%	53 42.7%	69 58.0%	101 54.0%	96 53.0%	113 53.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	16 12.4%	26 21.0%	38 31.9%	55 29.4%	52 28.7%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	281 45.9%	379 50.3%	436 52.1%	485 51.8%	603 58.5%	576 55.9%	592 59.2%	619 60.4%	515 54.7%	
		Completed Math Gatekeeper within 2 Years (n) (%)	103 36.7%	133 35.1%	149 34.2%	117 24.1%	180 29.9%	145 25.2%	177 29.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	110 39.1%	141 37.2%	160 36.7%	141 29.1%	209 34.7%	212 36.8%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	50 17.8%	100 26.4%	103 23.6%	109 22.5%	155 25.7%	n/a	n/a	n/a	n/a	

Notes: \*\* Opposite color due to a decrease in the referral rates to developmental English, Reading, Math, Low-level Math and Mid-level Math as expected.

\*\*\* Proportional loss of Asian/Other females is expected in order to increase minority (Black and Hispanic) enrollment, but is still a concern.

Flat trend for developmental Top-level Math referrals was below expectations of increased cohort college readiness over the last 9 years.

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of White Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend		
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs		
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731			
	(n)	1,039	913	857	869	990	1,201	1,157	1,166	1,047			
Proportion of Cohort	(%)	13.0%	11.1%	9.2%	9.3%	9.2%	9.3%	8.5%	7.9%	8.2%			
Writing: Dev. English = ENGL0300 & ENGL0310 & INRW0420; Gatekeeper English = ENGL1301	Developmental	Referred to Developmental English	(n)	226	168	123	127	140	139	167	132		
		(%)	21.8%	18.4%	14.4%	14.6%	14.1%	11.6%	14.4%	11.7%	12.6%		
		Completed Any Dev. Engl. In First Year	(n)	43	41	42	59	49	58	56	43	n/a	
		(%)	19.0%	24.4%	34.1%	46.5%	35.0%	41.7%	33.5%	31.4%			
		Completed All Dev. Engl. within 2 Years	(n)	40	36	40	55	49	52	52	n/a	n/a	
		(%)	17.7%	21.4%	32.5%	43.3%	35.0%	37.4%	31.1%				
		Completed Engl. Gatekeeper within 2 Years	(n)	55	36	26	37	33	44	41	n/a	n/a	
	(%)	24.3%	21.4%	21.1%	29.1%	23.6%	31.7%	24.6%					
	Completed Engl. Gatekeeper within 3 Years	(n)	62	39	35	43	40	54	n/a	n/a	n/a		
	(%)	27.4%	23.2%	28.5%	33.9%	28.6%	38.8%						
	Completed a Degree or Award within 4 Years	(n)	24	15	11	25	17	n/a	n/a	n/a	n/a		
	(%)	10.6%	8.9%	8.9%	19.7%	12.1%							
	College-Level	Referred to College-Level English	(n)	771	726	727	738	840	1,050	983	1,022	914	
		(%)	74.2%	79.5%	84.8%	84.9%	84.8%	87.4%	85.0%	87.7%	87.3%		
Completed Engl. Gatekeeper within 2 Years		(n)	247	234	247	216	278	369	320	n/a	n/a		
(%)		32.0%	32.2%	34.0%	29.3%	33.1%	35.1%	32.6%					
Completed Engl. Gatekeeper within 3 Years	(n)	261	246	258	233	295	464	n/a	n/a	n/a			
(%)	33.9%	33.9%	35.5%	31.6%	35.1%	44.2%							
Completed a Degree or Award within 4 Years	(n)	91	89	108	100	126	n/a	n/a	n/a	n/a			
(%)	11.8%	12.3%	14.9%	13.6%	15.0%								

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

MD: White Males, Progression\_Gender\_Ethnicity\_0305-12\_sparks.xlsx

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## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of White Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, & INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, & GOVT2302	Developmental	Referred to Developmental Reading (n) (%)	97 9.3%	89 9.7%	90 10.5%	91 10.5%	79 8.0%	79 6.6%	86 7.4%	76 6.5%	69 6.6%	**
		Completed Any Dev. Reading In First Year (n) (%)	46 47.4%	40 44.9%	42 46.7%	50 54.9%	40 50.6%	45 57.0%	36 41.9%	36 47.4%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	38 39.2%	38 42.7%	40 44.4%	49 53.8%	40 50.6%	40 50.6%	30 34.9%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	17 17.5%	19 21.3%	30 33.3%	34 37.4%	27 34.2%	24 30.4%	20 23.3%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	20 20.6%	22 24.7%	38 42.2%	37 40.7%	29 36.7%	35 44.3%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	10 10.3%	8 9.0%	8 8.9%	15 16.5%	14 17.7%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level Reading (n) (%)	910 87.6%	811 88.8%	756 88.2%	768 88.4%	901 91.0%	1,113 92.7%	1,063 91.9%	1,081 92.7%	973 92.9%	
		Completed Read Gatekeeper within 2 Years (n) (%)	444 48.8%	424 52.3%	371 49.1%	377 49.1%	466 51.7%	615 55.3%	532 50.0%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	463 50.9%	440 54.3%	383 50.7%	395 51.4%	490 54.4%	663 59.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	109 12.0%	96 11.8%	111 14.7%	109 14.2%	129 14.3%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of White Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	518 49.9%	456 49.9%	415 48.4%	412 47.4%	464 46.9%	539 44.9%	573 49.5%	563 48.3%	498 47.6%	*** 
		Completed Any Dev. Math In First Year (n) (%)	208 40.2%	170 37.3%	170 41.0%	180 43.7%	202 43.5%	230 42.7%	232 40.5%	235 41.7%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	101 19.5%	77 16.9%	70 16.9%	91 22.1%	109 23.5%	159 29.5%	119 20.8%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	89 17.2%	56 12.3%	88 21.2%	72 17.5%	78 16.8%	102 18.9%	73 12.7%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	103 19.9%	74 16.2%	88 21.2%	85 20.6%	89 19.2%	119 22.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	51 9.8%	42 9.2%	40 9.6%	47 11.4%	59 12.7%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	478 46.0%	428 46.9%	424 49.5%	436 50.2%	503 50.8%	635 52.9%	561 48.5%	576 49.4%	533 50.9%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	125 26.2%	102 23.8%	92 21.7%	97 22.2%	127 25.2%	146 23.0%	117 20.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 27.6%	108 25.2%	101 23.8%	104 23.9%	136 27.0%	175 27.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	64 13.4%	61 14.3%	77 18.2%	76 17.4%	81 16.1%	n/a	n/a	n/a	n/a	

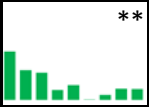









## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of White Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Math: Low Dev. Math = MATH0106 & MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, & POFT1325	Low Level Developmental	Referred to Low Level Dev. Math (n) (%)	130 12.5%	151 16.5%	118 13.8%	135 15.5%	120 12.1%	140 11.7%	151 13.1%	141 12.1%	126 12.0%	*** 
		Completed Any Dev. Math In First Year (n) (%)	58 44.6%	65 43.0%	49 41.5%	57 42.2%	46 38.3%	63 45.0%	76 50.3%	50 35.5%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	17 13.1%	16 10.6%	15 12.7%	12 8.9%	12 10.0%	18 12.9%	15 9.9%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	10 7.7%	6 4.0%	4 3.4%	7 5.2%	8 6.7%	6 4.3%	10 6.6%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	11 8.5%	13 8.6%	11 9.3%	14 10.4%	12 10.0%	12 8.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	12 9.2%	10 6.6%	8 6.8%	16 11.9%	7 5.8%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level Math (n) (%)	478 46.0%	428 46.9%	424 49.5%	436 50.2%	503 50.8%	635 52.9%	561 48.5%	576 49.4%	533 50.9%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	125 26.2%	102 23.8%	92 21.7%	97 22.2%	127 25.2%	146 23.0%	117 20.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 27.6%	108 25.2%	101 23.8%	104 23.9%	136 27.0%	175 27.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	64 13.4%	61 14.3%	77 18.2%	76 17.4%	81 16.1%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of White Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n) (%)	277 26.7%	201 22.0%	183 21.4%	148 17.0%	181 18.3%	177 14.7%	183 15.8%	203 17.4%	181 17.3%	 **
		Completed Any Dev. Math In First Year (n) (%)	69 24.9%	61 30.3%	62 33.9%	70 47.3%	80 44.2%	63 35.6%	63 34.4%	81 39.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	49 17.7%	34 16.9%	36 19.7%	34 23.0%	43 23.8%	42 23.7%	34 18.6%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	49 17.7%	25 12.4%	28 15.3%	30 20.3%	27 14.9%	31 17.5%	20 10.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	57 20.6%	29 14.4%	33 18.0%	33 22.3%	30 16.6%	36 20.3%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	30 10.8%	22 10.9%	19 10.4%	18 12.2%	28 15.5%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	478 46.0%	428 46.9%	424 49.5%	436 50.2%	503 50.8%	635 52.9%	561 48.5%	576 49.4%	533 50.9%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	125 26.2%	102 23.8%	92 21.7%	97 22.2%	127 25.2%	146 23.0%	117 20.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 27.6%	108 25.2%	101 23.8%	104 23.9%	136 27.0%	175 27.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	64 13.4%	61 14.3%	77 18.2%	76 17.4%	81 16.1%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of White Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	111 10.7%	104 11.4%	114 13.3%	129 14.8%	163 16.5%	222 18.5%	239 20.7%	219 18.8%	191 18.2%	*** 
		Completed Any Dev. Math In First Year (n) (%)	32 28.8%	21 20.2%	46 40.4%	39 30.2%	46 28.2%	82 36.9%	67 28.0%	75 36.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	35 31.5%	27 26.0%	54 47.4%	45 34.9%	54 33.1%	99 44.6%	70 29.3%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	30 27.0%	25 24.0%	38 33.3%	35 27.1%	43 26.4%	65 29.3%	43 18.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	35 31.5%	32 30.8%	44 38.6%	38 29.5%	47 28.8%	71 32.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	10 9.0%	10 9.6%	13 11.4%	13 10.1%	24 14.7%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	478 46.0%	428 46.9%	424 49.5%	436 50.2%	503 50.8%	635 52.9%	561 48.5%	576 49.4%	533 50.9%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	125 26.2%	102 23.8%	92 21.7%	97 22.2%	127 25.2%	146 23.0%	117 20.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 27.6%	108 25.2%	101 23.8%	104 23.9%	136 27.0%	175 27.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	64 13.4%	61 14.3%	77 18.2%	76 17.4%	81 16.1%	n/a	n/a	n/a	n/a	

Notes: \* Proportional loss of white males is expected in order to increase minority enrollment, but is still a concern.

\*\* Opposite color because a decrease in the referral rates to dev. English, dev. Reading, and dev. Mid-level Math would be expected.

\*\*\* Additional factors support the trendline color. Cautionary concern for less improvement in college readiness for dev. Reading and dev. Low-level Math. Flat trend for dev. Math and College-level Math referrals was below expectations of increased cohort college readiness over the last 9 years.

Expected increase toward college readiness would result in an upward trend for dev. Top-level Math referral.

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

MD: White Males, Progression\_Gender\_Ethnicity\_0305-12\_sparks.xlsx

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## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend		
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs		
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731			
	(n)	825	841	1,046	1,013	1,098	1,481	1,878	2,236	1,894			
Proportion of Cohort	(%)	10.3%	10.2%	11.2%	10.8%	10.2%	11.5%	13.8%	15.2%	14.9%			
Writing: Dev. English = ENGL0300 & ENGL0310 & INRW0420; Gatekeeper English = ENGL1301	Developmental	Referred to Developmental English	(n) (%)	360 43.6%	284 33.8%	317 30.3%	332 32.8%	307 28.0%	378 25.5%	593 31.6%	711 31.8%	566 29.9%	
		Completed Any Dev. Engl. In First Year	(n) (%)	93 25.8%	88 31.0%	114 36.0%	116 34.9%	121 39.4%	160 42.3%	212 35.8%	224 31.5%	n/a	
		Completed All Dev. Engl. within 2 Years	(n) (%)	61 16.9%	69 24.3%	90 28.4%	92 27.7%	98 31.9%	118 31.2%	162 27.3%	n/a	n/a	
		Completed Engl. Gatekeeper within 2 Years	(n) (%)	65 18.1%	50 17.6%	75 23.7%	95 28.6%	79 25.7%	75 19.8%	100 16.9%	n/a	n/a	
		Completed Engl. Gatekeeper within 3 Years	(n) (%)	72 20.0%	56 19.7%	88 27.8%	114 34.3%	92 30.0%	88 23.3%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years	(n) (%)	33 9.2%	15 5.3%	24 7.6%	42 12.7%	33 10.7%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level English	(n) (%)	442 53.6%	536 63.7%	726 69.4%	673 66.4%	778 70.9%	1,052 71.0%	1,268 67.5%	1,502 67.2%	1,309 69.1%	
		Completed Engl. Gatekeeper within 2 Years	(n) (%)	152 34.4%	151 28.2%	220 30.3%	194 28.8%	217 27.9%	296 28.1%	426 33.6%	n/a	n/a	
		Completed Engl. Gatekeeper within 3 Years	(n) (%)	163 36.9%	166 31.0%	242 33.3%	212 31.5%	232 29.8%	365 34.7%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years	(n) (%)	51 11.5%	85 15.9%	109 15.0%	99 14.7%	108 13.9%	n/a	n/a	n/a	n/a	

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

MD: Black Males, Progression\_Gender Ethnicity\_0305-12\_sparks.xlsx

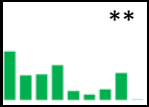









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## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, & INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, & GOVT2302	Developmental	Referred to Developmental Reading (n) (%)	237 28.7%	213 25.3%	266 25.4%	271 26.8%	253 23.0%	334 22.6%	437 23.3%	573 25.6%	414 21.9%	 **
		Completed Any Dev. Reading In First Year (n) (%)	78 32.9%	83 39.0%	122 45.9%	139 51.3%	123 48.6%	147 44.0%	174 39.8%	197 34.4%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	56 23.6%	71 33.3%	108 40.6%	133 49.1%	117 46.2%	134 40.1%	155 35.5%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	32 13.5%	38 17.8%	62 23.3%	83 30.6%	61 24.1%	59 17.7%	76 17.4%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	38 16.0%	47 22.1%	72 27.1%	95 35.1%	75 29.6%	72 21.6%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	17 7.2%	10 4.7%	20 7.5%	37 13.7%	26 10.3%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level Reading (n) (%)	570 69.1%	617 73.4%	775 74.1%	737 72.8%	834 76.0%	1,130 76.3%	1,427 76.0%	1,654 74.0%	1,470 77.6%	
		Completed Read Gatekeeper within 2 Years (n) (%)	262 46.0%	259 42.0%	361 46.6%	321 43.6%	377 45.2%	467 41.3%	610 42.7%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	274 48.1%	275 44.6%	380 49.0%	347 47.1%	406 48.7%	508 45.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	68 11.9%	90 14.6%	113 14.6%	104 14.1%	115 13.8%	n/a	n/a	n/a	n/a	

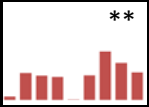









## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	524 63.5%	522 62.1%	636 60.8%	624 61.6%	637 58.0%	879 59.4%	1,208 64.3%	1,421 63.6%	1,149 60.7%	*** 
		Completed Any Dev. Math In First Year (n) (%)	186 35.5%	200 38.3%	258 40.6%	279 44.7%	287 45.1%	363 41.3%	464 38.4%	469 33.0%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	71 13.5%	62 11.9%	100 15.7%	121 19.4%	118 18.5%	140 15.9%	166 13.7%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	54 10.3%	47 9.0%	62 9.7%	83 13.3%	63 9.9%	89 10.1%	106 8.8%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	64 12.2%	57 10.9%	79 12.4%	102 16.3%	86 13.5%	109 12.4%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	46 8.8%	44 8.4%	57 9.0%	66 10.6%	57 8.9%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	279 33.8%	294 35.0%	398 38.0%	377 37.2%	426 38.8%	551 37.2%	626 33.3%	772 34.5%	710 37.5%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	50 17.9%	49 16.7%	60 15.1%	76 20.2%	78 18.3%	67 12.2%	102 16.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	52 18.6%	54 18.4%	74 18.6%	79 21.0%	90 21.1%	84 15.2%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	37 13.3%	55 18.7%	76 19.1%	73 19.4%	81 19.0%	n/a	n/a	n/a	n/a	

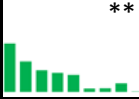





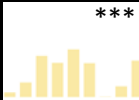



## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Math: Low Dev. Math = MATH0106 & MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, & POFT1325	Low Level Developmental	Referred to Low Level Dev. Math (n) (%)	234 28.4%	274 32.6%	336 32.1%	323 31.9%	306 27.9%	476 32.1%	684 36.4%	769 34.4%	619 32.7%	
		Completed Any Dev. Math In First Year (n) (%)	71 30.3%	96 35.0%	140 41.7%	137 42.4%	128 41.8%	189 39.7%	265 38.7%	247 32.1%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	16 6.8%	18 6.6%	35 10.4%	31 9.6%	19 6.2%	37 7.8%	42 6.1%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	9 3.8%	7 2.6%	17 5.1%	15 4.6%	9 2.9%	21 4.4%	24 3.5%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	13 5.6%	11 4.0%	26 7.7%	21 6.5%	17 5.6%	29 6.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	22 9.4%	16 5.8%	25 7.4%	21 6.5%	26 8.5%	n/a	n/a	n/a	n/a	
	College-Level	Referred to College-Level Math (n) (%)	279 33.8%	294 35.0%	398 38.0%	377 37.2%	426 38.8%	551 37.2%	626 33.3%	772 34.5%	710 37.5%	
		Completed Math Gatekeeper within 2 Years (n) (%)	50 17.9%	49 16.7%	60 15.1%	76 20.2%	78 18.3%	67 12.2%	102 16.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	52 18.6%	54 18.4%	74 18.6%	79 21.0%	90 21.1%	84 15.2%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	37 13.3%	55 18.7%	76 19.1%	73 19.4%	81 19.0%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n) (%)	209 25.3%	176 20.9%	197 18.8%	184 18.2%	194 17.7%	212 14.3%	271 14.4%	349 15.6%	259 13.7%	 **
		Completed Any Dev. Math In First Year (n) (%)	45 21.5%	42 23.9%	61 31.0%	73 39.7%	67 34.5%	77 36.3%	96 35.4%	108 30.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	27 12.9%	20 11.4%	31 15.7%	39 21.2%	42 21.6%	41 19.3%	41 15.1%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	21 10.0%	15 8.5%	19 9.6%	28 15.2%	19 9.8%	30 14.2%	26 9.6%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	25 12.0%	18 10.2%	24 12.2%	38 20.7%	26 13.4%	34 16.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	17 8.1%	11 6.3%	14 7.1%	18 9.8%	12 6.2%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	279 33.8%	294 35.0%	398 38.0%	377 37.2%	426 38.8%	551 37.2%	626 33.3%	772 34.5%	710 37.5%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	50 17.9%	49 16.7%	60 15.1%	76 20.2%	78 18.3%	67 12.2%	102 16.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	52 18.6%	54 18.4%	74 18.6%	79 21.0%	90 21.1%	84 15.2%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	37 13.3%	55 18.7%	76 19.1%	73 19.4%	81 19.0%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Black Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	81 9.8%	72 8.6%	103 9.8%	117 11.5%	137 12.5%	191 12.9%	253 13.5%	303 13.6%	271 14.3%	*** 
		Completed Any Dev. Math In First Year (n) (%)	24 29.6%	19 26.4%	29 28.2%	46 39.3%	46 33.6%	55 28.8%	66 26.1%	64 21.1%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	28 34.6%	24 33.3%	34 33.0%	51 43.6%	57 41.6%	62 32.5%	83 32.8%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	24 29.6%	25 34.7%	26 25.2%	40 34.2%	35 25.5%	38 19.9%	56 22.1%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	26 32.1%	28 38.9%	29 28.2%	43 36.8%	43 31.4%	46 24.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	10 12.3%	17 23.6%	18 17.5%	27 23.1%	19 13.9%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	279 33.8%	294 35.0%	398 38.0%	377 37.2%	426 38.8%	551 37.2%	626 33.3%	772 34.5%	710 37.5%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	50 17.9%	49 16.7%	60 15.1%	76 20.2%	78 18.3%	67 12.2%	102 16.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	52 18.6%	54 18.4%	74 18.6%	79 21.0%	90 21.1%	84 15.2%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	37 13.3%	55 18.7%	76 19.1%	73 19.4%	81 19.0%	n/a	n/a	n/a	n/a	

- Notes:
- \*\* Opposite color due to a decrease in the referral rates to developmental English, Reading, and Mid-level Math as expected. Opposite color, from Green to Red, for Low-level Math because expected a decrease not an increase in the referral rates for Low-level Math.
  - \*\*\* Expected increase toward college readiness could result in an upward trend dev. Top-level Math referral. Flat trend for College-level Math referrals was below expectations of increased cohort college readiness over the last 9 years.

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731		
	(n)	1,089	1,204	1,275	1,291	1,589	1,881	1,992	2,079	1,786		
Proportion of Cohort	(%)	13.6%	14.7%	13.7%	13.8%	14.8%	14.6%	14.7%	14.1%	14.0%		
Writing: Dev. English = ENGL0300 & ENGL0310 & INRW0420; Gatekeeper English = ENGL1301	Developmental	Referred to Developmental English (n)	440	343	373	325	372	340	466	371	311	
		(%)	40.4%	28.5%	29.3%	25.2%	23.4%	18.1%	23.4%	17.8%	17.4%	
		Completed Any Dev. Engl. In First Year (n)	148	121	151	128	155	149	175	141	n/a	
		(%)	33.6%	35.3%	40.5%	39.4%	41.7%	43.8%	37.6%	38.0%		
		Completed All Dev. Engl. within 2 Years (n)	126	105	133	116	148	129	163	n/a	n/a	
		(%)	28.6%	30.6%	35.7%	35.7%	39.8%	37.9%	35.0%			
	College-Level	Completed Engl. Gatekeeper within 2 Years (n)	109	91	82	94	98	69	102	n/a	n/a	
		(%)	24.8%	26.5%	22.0%	28.9%	26.3%	20.3%	21.9%			
		Completed Engl. Gatekeeper within 3 Years (n)	123	105	99	107	108	86	n/a	n/a	n/a	
		(%)	28.0%	30.6%	26.5%	32.9%	29.0%	25.3%				
College-Level	Completed a Degree or Award within 4 Years (n)	36	36	33	32	38	n/a	n/a	n/a	n/a		
	(%)	8.2%	10.5%	8.8%	9.8%	10.2%						
	Referred to College-Level English (n)	616	848	891	956	1,208	1,518	1,518	1,700	1,472		
	(%)	56.6%	70.4%	69.9%	74.1%	76.0%	80.7%	76.2%	81.8%	82.4%		
College-Level	Completed Engl. Gatekeeper within 2 Years (n)	200	318	317	367	466	546	615	n/a	n/a		
	(%)	32.5%	37.5%	35.6%	38.4%	38.6%	36.0%	40.5%				
	Completed Engl. Gatekeeper within 3 Years (n)	220	342	344	391	497	639	n/a	n/a	n/a		
	(%)	35.7%	40.3%	38.6%	40.9%	41.1%	42.1%					
College-Level	Completed a Degree or Award within 4 Years (n)	69	132	110	147	172	n/a	n/a	n/a	n/a		
	(%)	11.2%	15.6%	12.3%	15.4%	14.2%						

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

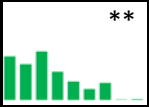









MD: Hispanic Males, Progression\_\_Gender Ethnicity\_0305-12\_sparks.xlsx

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## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Males

Progression Dimensons		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, &amp; INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, &amp; GOVT2302</b>	<b>Developmental</b>	Referred to Developmental Reading (n) (%)	262 24.1%	263 21.8%	324 25.4%	254 19.7%	269 16.9%	278 14.8%	329 16.5%	246 11.8%	212 11.9%	 **
		Completed Any Dev. Reading In First Year (n) (%)	116 44.3%	146 55.5%	154 47.5%	124 48.8%	117 43.5%	129 46.4%	129 39.2%	93 37.8%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	104 39.7%	145 55.1%	150 46.3%	111 43.7%	123 45.7%	130 46.8%	125 38.0%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	58 22.1%	82 31.2%	72 22.2%	62 24.4%	70 26.0%	65 23.4%	75 22.8%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	61 23.3%	88 33.5%	94 29.0%	78 30.7%	80 29.7%	75 27.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	20 7.6%	32 12.2%	26 8.0%	21 8.3%	27 10.0%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Reading (n) (%)	802 73.6%	929 77.2%	942 73.9%	1,029 79.7%	1,316 82.8%	1,595 84.8%	1,656 83.1%	1,829 88.0%	1,571 88.0%	
		Completed Read Gatekeeper within 2 Years (n) (%)	355 44.3%	456 49.1%	466 49.5%	548 53.3%	701 53.3%	813 51.0%	849 51.3%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	385 48.0%	484 52.1%	492 52.2%	577 56.1%	738 56.1%	872 54.7%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	88 11.0%	135 14.5%	117 12.4%	159 15.5%	184 14.0%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

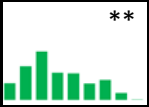









### Educational Progression of Hispanic Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	735 67.5%	788 65.4%	850 66.7%	858 66.5%	1,083 68.2%	1,249 66.4%	1,354 68.0%	1,326 63.8%	1,180 66.1%	*** 
		Completed Any Dev. Math In First Year (n) (%)	354 48.2%	390 49.5%	450 52.9%	448 52.2%	543 50.1%	594 47.6%	599 44.2%	593 44.7%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	150 20.4%	187 23.7%	238 28.0%	237 27.6%	300 27.7%	346 27.7%	352 26.0%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	115 15.6%	110 14.0%	135 15.9%	150 17.5%	181 16.7%	199 15.9%	207 15.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	139 18.9%	147 18.7%	178 20.9%	189 22.0%	239 22.1%	256 20.5%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	65 8.8%	95 12.1%	85 10.0%	102 11.9%	134 12.4%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	321 29.5%	400 33.2%	407 31.9%	408 31.6%	482 30.3%	584 31.0%	605 30.4%	720 34.6%	578 32.4%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	58 18.1%	89 22.3%	77 18.9%	90 22.1%	106 22.0%	113 19.3%	129 21.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	71 22.1%	103 25.8%	90 22.1%	99 24.3%	119 24.7%	141 24.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	40 12.5%	72 18.0%	58 14.3%	75 18.4%	74 15.4%	n/a	n/a	n/a	n/a	









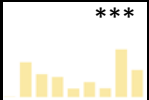



## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Males

Progression Dimensons		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Low Dev. Math = MATH0106 &amp; MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Low Level Developmental</b>	Referred to Low Level Dev. Math (n) (%)	260 23.9%	331 27.5%	390 30.6%	337 26.1%	412 25.9%	448 23.8%	489 24.5%	453 21.8%	365 20.4%	 **
		Completed Any Dev. Math In First Year (n) (%)	105 40.4%	158 47.7%	188 48.2%	177 52.5%	203 49.3%	209 46.7%	211 43.1%	216 47.7%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	31 11.9%	48 14.5%	57 14.6%	43 12.8%	54 13.1%	53 11.8%	59 12.1%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	17 6.5%	16 4.8%	22 5.6%	20 5.9%	21 5.1%	24 5.4%	25 5.1%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	25 9.6%	31 9.4%	41 10.5%	32 9.5%	40 9.7%	42 9.4%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	33 12.7%	30 9.1%	35 9.0%	32 9.5%	31 7.5%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	321 29.5%	400 33.2%	407 31.9%	408 31.6%	482 30.3%	584 31.0%	605 30.4%	720 34.6%	578 32.4%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	58 18.1%	89 22.3%	77 18.9%	90 22.1%	106 22.0%	113 19.3%	129 21.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	71 22.1%	103 25.8%	90 22.1%	99 24.3%	119 24.7%	141 24.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	40 12.5%	72 18.0%	58 14.3%	75 18.4%	74 15.4%	n/a	n/a	n/a	n/a	











## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Males

Progression Dimensons		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n) (%)	339 31.1%	304 25.2%	263 20.6%	261 20.2%	324 20.4%	365 19.4%	352 17.7%	339 16.3%	260 14.6%	 **
		Completed Any Dev. Math In First Year (n) (%)	123 36.3%	123 40.5%	136 51.7%	129 49.4%	153 47.2%	174 47.7%	160 45.5%	139 41.0%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	78 23.0%	73 24.0%	80 30.4%	77 29.5%	101 31.2%	98 26.8%	85 24.1%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	66 19.5%	37 12.2%	50 19.0%	37 14.2%	55 17.0%	49 13.4%	45 12.8%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	77 22.7%	48 15.8%	63 24.0%	54 20.7%	80 24.7%	74 20.3%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	28 8.3%	35 11.5%	25 9.5%	32 12.3%	50 15.4%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	321 29.5%	400 33.2%	407 31.9%	408 31.6%	482 30.3%	584 31.0%	605 30.4%	720 34.6%	578 32.4%	 ***
		Completed Math Gatekeeper within 2 Years (n) (%)	58 18.1%	89 22.3%	77 18.9%	90 22.1%	106 22.0%	113 19.3%	129 21.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	71 22.1%	103 25.8%	90 22.1%	99 24.3%	119 24.7%	141 24.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	40 12.5%	72 18.0%	58 14.3%	75 18.4%	74 15.4%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Hispanic Males

Progression Dimensons		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	136 12.5%	153 12.7%	197 15.5%	260 20.1%	347 21.8%	436 23.2%	513 25.8%	534 25.7%	555 31.1%	*** 
		Completed Any Dev. Math In First Year (n) (%)	32 23.5%	61 39.9%	86 43.7%	101 38.8%	115 33.1%	167 38.3%	181 35.3%	189 35.4%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	41 30.1%	66 43.1%	101 51.3%	117 45.0%	145 41.8%	195 44.7%	208 40.5%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	32 23.5%	57 37.3%	63 32.0%	93 35.8%	105 30.3%	126 28.9%	137 26.7%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	37 27.2%	68 44.4%	74 37.6%	103 39.6%	119 34.3%	140 32.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	12 8.8%	30 19.6%	25 12.7%	38 14.6%	53 15.3%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	321 29.5%	400 33.2%	407 31.9%	408 31.6%	482 30.3%	584 31.0%	605 30.4%	720 34.6%	578 32.4%	*** 
		Completed Math Gatekeeper within 2 Years (n) (%)	58 18.1%	89 22.3%	77 18.9%	90 22.1%	106 22.0%	113 19.3%	129 21.3%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	71 22.1%	103 25.8%	90 22.1%	99 24.3%	119 24.7%	141 24.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	40 12.5%	72 18.0%	58 14.3%	75 18.4%	74 15.4%	n/a	n/a	n/a	n/a	

- Notes:
- \* While encouraging minority enrollment, a significant proportional gain of Hispanic males was expected, not the flat growth that has occurred.
  - \*\* Opposite color due to a decrease in the referral rates to developmental English, Reading, Low-level Math and Mid-level Math as expected.
  - \*\*\* Expected increase toward college readiness could result in an upward trend dev. Top-level Math referral.
- Flat trend for College-level Math referrals was below expectations of increased cohort college readiness over the last 9 years.

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
Cohort Size	(N)	8,007	8,214	9,315	9,340	10,713	12,869	13,593	14,697	12,731		
	(n)	679	706	881	890	1,044	955	893	1,020	947	***	
Proportion of Cohort	(%)	8.5%	8.6%	9.5%	9.5%	9.7%	7.4%	6.6%	6.9%	7.4%		
Writing: Dev. English = ENGL0300 & ENGL0310 & INRW0420; Gatekeeper English = ENGL1301	Developmental	Referred to Developmental English (n)	233	200	206	197	200	182	154	184	145	**
		(%)	34.3%	28.3%	23.4%	22.1%	19.2%	19.1%	17.2%	18.0%	15.3%	
		Completed Any Dev. Engl. In First Year (n)	52	52	69	74	66	58	44	48	n/a	
		(%)	22.3%	26.0%	33.5%	37.6%	33.0%	31.9%	28.6%	26.1%		
		Completed All Dev. Engl. within 2 Years (n)	49	43	67	73	56	45	34	n/a	n/a	
		(%)	21.0%	21.5%	32.5%	37.1%	28.0%	24.7%	22.1%			
	Completed Engl. Gatekeeper within 2 Years (n)	72	74	79	91	85	65	56	n/a	n/a		
	(%)	30.9%	37.0%	38.3%	46.2%	42.5%	35.7%	36.4%				
	Completed Engl. Gatekeeper within 3 Years (n)	90	83	95	104	106	85	n/a	n/a	n/a		
	(%)	38.6%	41.5%	46.1%	52.8%	53.0%	46.7%					
	Completed a Degree or Award within 4 Years (n)	24	29	45	35	43	n/a	n/a	n/a	n/a		
	(%)	10.3%	14.5%	21.8%	17.8%	21.5%						
College-Level	Referred to College-Level English (n)	433	500	662	686	840	765	736	833	801		
	(%)	63.8%	70.8%	75.1%	77.1%	80.5%	80.1%	82.4%	81.7%	84.6%		
	Completed Engl. Gatekeeper within 2 Years (n)	177	211	258	242	283	284	314	n/a	n/a		
	(%)	40.9%	42.2%	39.0%	35.3%	33.7%	37.1%	42.7%				
Completed Engl. Gatekeeper within 3 Years (n)	188	224	285	268	315	368	n/a	n/a	n/a			
(%)	43.4%	44.8%	43.1%	39.1%	37.5%	48.1%						
Completed a Degree or Award within 4 Years (n)	56	81	100	129	184	n/a	n/a	n/a	n/a			
(%)	12.9%	16.2%	15.1%	18.8%	21.9%							

Source Data: HCC Academic History Files for AtD Cohort 2002 through 2006 from March 2011, and 2007 through 2012 from March 2013.

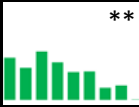









MD: Asian&Other Males, Progression\_Gender Ethnicity\_0305-12\_sparks.xlsx

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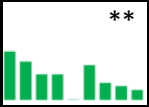









## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Reading: Dev. Reading = GUST0399, GUST0341, GUST0342, &amp; INRW0420; Gatekeeper Reading = ENGL1301, HIST1301, HIST1302, GOVT2301, &amp; GOVT2302</b>	<b>Developmental</b>	Referred to Developmental Reading (n) (%)	147 21.6%	136 19.3%	203 23.0%	183 20.6%	191 18.3%	176 18.4%	131 14.7%	155 15.2%	114 12.0%	 **
		Completed Any Dev. Reading In First Year (n) (%)	70 47.6%	74 54.4%	130 64.0%	128 69.9%	115 60.2%	108 61.4%	80 61.1%	91 58.7%	n/a	
		Completed All Dev. Reading within 2 Years (n) (%)	67 45.6%	60 44.1%	128 63.1%	116 63.4%	119 62.3%	106 60.2%	78 59.5%	n/a	n/a	
		Completed Read Gatekeeper within 2 Years (n) (%)	48 32.7%	52 38.2%	89 43.8%	94 51.4%	93 48.7%	77 43.8%	66 50.4%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	56 38.1%	57 41.9%	109 53.7%	103 56.3%	108 56.5%	88 50.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	16 10.9%	22 16.2%	45 22.2%	30 16.4%	47 24.6%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Reading (n) (%)	520 76.6%	564 79.9%	671 76.2%	701 78.8%	848 81.2%	776 81.3%	761 85.2%	862 84.5%	832 87.9%	
		Completed Read Gatekeeper within 2 Years (n) (%)	313 60.2%	350 62.1%	373 55.6%	381 54.4%	448 52.8%	432 55.7%	427 56.1%	n/a	n/a	
		Completed Read Gatekeeper within 3 Years (n) (%)	326 62.7%	368 65.2%	397 59.2%	410 58.5%	491 57.9%	458 59.0%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	65 12.5%	88 15.6%	101 15.1%	133 19.0%	180 21.2%	n/a	n/a	n/a	n/a	

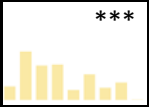









## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Males

Progression Dimensions		Baseline	Fall AtD Cohorts									Trend
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Dev. Math = MATH0106, MATH0306, MATH0108, MATH0308, MATH0112, MATH0311 &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Developmental</b>	Referred to Developmental Math (n) (%)	323 47.6%	321 45.5%	377 42.8%	381 42.8%	392 37.5%	427 44.7%	366 41.0%	411 40.3%	374 39.5%	 **
		Completed Any Dev. Math In First Year (n) (%)	145 44.9%	127 39.6%	224 59.4%	223 58.5%	196 50.0%	238 55.7%	202 55.2%	210 51.1%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	91 28.2%	91 28.3%	166 44.0%	143 37.5%	147 37.5%	183 42.9%	151 41.3%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	72 22.3%	85 26.5%	128 34.0%	115 30.2%	108 27.6%	142 33.3%	113 30.9%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	87 26.9%	97 30.2%	145 38.5%	128 33.6%	132 33.7%	164 38.4%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	31 9.6%	34 10.6%	55 14.6%	53 13.9%	59 15.1%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	340 50.1%	376 53.3%	492 55.8%	495 55.6%	636 60.9%	519 54.3%	518 58.0%	593 58.1%	566 59.8%	
		Completed Math Gatekeeper within 2 Years (n) (%)	125 36.8%	136 36.2%	138 28.0%	111 22.4%	165 25.9%	124 23.9%	142 27.4%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 38.8%	149 39.6%	154 31.3%	127 25.7%	192 30.2%	151 29.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	48 14.1%	76 20.2%	91 18.5%	107 21.6%	166 26.1%	n/a	n/a	n/a	n/a	











## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Low Dev. Math = MATH0106 &amp; MATH0306, Gatekeeper Math = MATH1314, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Low Level Developmental</b>	Referred to Low Level Dev. Math (n) (%)	68 10.0%	101 14.3%	111 12.6%	113 12.7%	100 9.6%	110 11.5%	88 9.9%	107 10.5%	80 8.4%	*** 
		Completed Any Dev. Math In First Year (n) (%)	25 36.8%	36 35.6%	56 50.5%	65 57.5%	41 41.0%	55 50.0%	48 54.5%	48 44.9%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	10 14.7%	14 13.9%	25 22.5%	26 23.0%	13 13.0%	19 17.3%	14 15.9%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	8 11.8%	11 10.9%	13 11.7%	18 15.9%	6 6.0%	8 7.3%	7 8.0%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	12 17.6%	14 13.9%	20 18.0%	24 21.2%	9 9.0%	12 10.9%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	5 7.4%	6 5.9%	11 9.9%	13 11.5%	11 11.0%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	340 50.1%	376 53.3%	492 55.8%	495 55.6%	636 60.9%	519 54.3%	518 58.0%	593 58.1%	566 59.8%	
		Completed Math Gatekeeper within 2 Years (n) (%)	125 36.8%	136 36.2%	138 28.0%	111 22.4%	165 25.9%	124 23.9%	142 27.4%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 38.8%	149 39.6%	154 31.3%	127 25.7%	192 30.2%	151 29.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	48 14.1%	76 20.2%	91 18.5%	107 21.6%	166 26.1%	n/a	n/a	n/a	n/a	

## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Mid Level Developmental</b>	Referred to Mid Level Dev. Math (n) (%)	168 24.7%	102 14.4%	114 12.9%	118 13.3%	106 10.2%	104 10.9%	105 11.8%	95 9.3%	80 8.4%	 **
		Completed Any Dev. Math In First Year (n) (%)	55 32.7%	34 33.3%	61 53.5%	62 52.5%	57 53.8%	43 41.3%	48 45.7%	48 50.5%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	48 28.6%	25 24.5%	47 41.2%	35 29.7%	39 36.8%	36 34.6%	33 31.4%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	34 20.2%	24 23.5%	33 28.9%	32 27.1%	26 24.5%	24 23.1%	25 23.8%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	42 25.0%	29 28.4%	39 34.2%	33 28.0%	36 34.0%	32 30.8%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	18 10.7%	12 11.8%	15 13.2%	7 5.9%	18 17.0%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	340 50.1%	376 53.3%	492 55.8%	495 55.6%	636 60.9%	519 54.3%	518 58.0%	593 58.1%	566 59.8%	
		Completed Math Gatekeeper within 2 Years (n) (%)	125 36.8%	136 36.2%	138 28.0%	111 22.4%	165 25.9%	124 23.9%	142 27.4%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 38.8%	149 39.6%	154 31.3%	127 25.7%	192 30.2%	151 29.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	48 14.1%	76 20.2%	91 18.5%	107 21.6%	166 26.1%	n/a	n/a	n/a	n/a	



## Progression of AtD Cohort Students, Fall 2003, Fall 2005 through Fall 2012

### Educational Progression of Asian/Other Males

Progression Dimensions		Baseline	Fall AtD Cohorts								Trend	
		Fall 2003	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Graphs	
<b>Math: Top Dev. Math = MATH0112, MATH0311, &amp; MATH0312; Gatekeeper Math = MATH1314, MATH1332, MATH1332, MATH1332, MATH1342, MATH1442, &amp; POFT1325</b>	<b>Top Level Developmental</b>	Referred to Top Level Dev. Math (n) (%)	87 12.8%	118 16.7%	152 17.3%	150 16.9%	186 17.8%	213 22.3%	173 19.4%	209 20.5%	214 22.6%	*** 
		Completed Any Dev. Math In First Year (n) (%)	27 31.0%	42 35.6%	84 55.3%	73 48.7%	74 39.8%	117 54.9%	92 53.2%	100 47.8%	n/a	
		Completed All Dev. Math within 2 Years (n) (%)	33 37.9%	52 44.1%	94 61.8%	82 54.7%	95 51.1%	128 60.1%	104 60.1%	n/a	n/a	
		Completed Math Gatekeeper within 2 Years (n) (%)	30 34.5%	50 42.4%	82 53.9%	65 43.3%	76 40.9%	110 51.6%	81 46.8%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	33 37.9%	54 45.8%	86 56.6%	71 47.3%	87 46.8%	120 56.3%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	9 10.3%	16 13.6%	29 19.1%	33 22.0%	30 16.1%	n/a	n/a	n/a	n/a	
	<b>College-Level</b>	Referred to College-Level Math (n) (%)	340 50.1%	376 53.3%	492 55.8%	495 55.6%	636 60.9%	519 54.3%	518 58.0%	593 58.1%	566 59.8%	
		Completed Math Gatekeeper within 2 Years (n) (%)	125 36.8%	136 36.2%	138 28.0%	111 22.4%	165 25.9%	124 23.9%	142 27.4%	n/a	n/a	
		Completed Math Gatekeeper within 3 Years (n) (%)	132 38.8%	149 39.6%	154 31.3%	127 25.7%	192 30.2%	151 29.1%	n/a	n/a	n/a	
		Completed a Degree or Award within 4 Years (n) (%)	48 14.1%	76 20.2%	91 18.5%	107 21.6%	166 26.1%	n/a	n/a	n/a	n/a	

Notes: \*\* Opposite color due to a decrease in the referral rates to developmental English, Reading, Math, and Mid-level Math as expected.

\*\*\* Proportional loss of Asian/Other females is expected in order to increase minority (Black and Hispanic) enrollment, but is still a concern.

Flat trend for developmental Low-level Math referrals was below expectations of increased cohort college readiness over the last 9 years.

Expected increase toward college readiness could result in an upward trend dev. Top-level Math referral.