

Achieving the Dream Data Team

Meeting: October 16, 2007

Achieving the Dream – Data Team

Agenda – October 16, 2007

1. Unfinished business – questions from all previous meetings
 2. Fall 2006 Course completion rates – increased drill down per Core Team Request
Basic Writing, English Comp I, Developmental Math, College Math
Reading, and Sciences
 3. Discussion lead by Barbara Stachniewicz (Natural Science and Behavioral
Science) WHEN the student took the course (first semester in college or later in
their careers) may be important
 4. Graduates AY 2005-06 & AY 2006-07 – drill down
 5. Basic Algebra II grades and Math CPT scores
 6. ENG101, PSY101 and SOC101 grades and Reading CPT scores
 7. On-line versus traditional course completion rates (drill down) - requested by
Core Team
 8. Where are we? Target groups and Main Themes
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General Discussion

- What data will we present to the college?
- What format will we use?
- How will we be shaped by the Strategic Directions
 1. Engage students as active learners
 2. Be the first and best resource for the community
 3. Support leadership at every level
 4. Embrace diversity
 5. Strive for educational excellence

And the KPI's (8 of the 10)

- 1) Persistence: Academic performance in the areas of reading, writing
and math
- 2) Degree and certificate completion
- 3) ENG101 course completion rates
- 4) Math and Science course completion rates
- 5) Overall retention rates
- 6) Program review and development
- 7) Diversity; Race/Ethnicity of staff
- 8) Student Financial Aid

Fall 2006 Course Completion Rates (A - C) for Selected Courses

		Basic Writing			ENG101			Developmental Math		
Majority	Male	49%	<= 25 >25	49% 56%	57%	<= 25 >25	55% 77%	53%	<= 25 >25	52% 62%
	Female	65%	<= 25 >25	58% 81%	57%	<= 25 >25	54% 71%	57%	<= 25 >25	50% 71%
Hispanic	Male	43%	<= 25 >25	43% 43%	53%	<= 25 >25	52% 60%	44%	<= 25 >25	44% 44%
	Female	51%	<= 25 >25	51% 50%	50%	<= 25 >25	45% 72%	51%	<= 25 >25	43% 72%
Minority (Asian, Black, Native American)	Male	29%	<= 25 >25	29% 33%	53%	<= 25 >25	55% 50%	42%	<= 25 >25	39% 50%
	Female	60%	<= 25 >25	56% 67%	56%	<= 25 >25	52% 67%	50%	<= 25 >25	40% 70%
Total	Male	45%	<= 25 >25	44% 57%	56%	<= 25 >25	55% 74%	51%	<= 25 >25	50% 57%
	Female	59%	<= 25 >25	54% 70%	56%	<= 25 >25	53% 69%	56%	<= 25 >25	49% 72%

		College Math			Reading			Sciences		
Majority	Male	53%	<= 25 >25	52% 62%	46%	<= 25 >25	46% 50%	57%	<= 25 >25	51% 77%
	Female	64%	<= 25 >25	58% 77%	53%	<= 25 >25	52% 59%	63%	<= 25 >25	55% 74%
Hispanic	Male	56%	<= 25 >25	50% 88%	53%	<= 25 >25	55% 40%	45%	<= 25 >25	37% 62%
	Female	71%	<= 25 >25	60% 90%	52%	<= 25 >25	49% 58%	50%	<= 25 >25	46% 58%
Minority (Asian, Black, Native American)	Male	63%	<= 25 >25	55% 80%	50%	<= 25 >25	40% 100%	47%	<= 25 >25	40% 62%
	Female	63%	<= 25 >25	62% 67%	71%	<= 25 >25	64% 80%	63%	<= 25 >25	57% 66%
Total	Male	56%	<= 25 >25	54% 68%	47%	<= 25 >25	44% 71%	58%	<= 25 >25	52% 75%
	Female	65%	<= 25 >25	59% 80%	55%	<= 25 >25	53% 63%	62%	<= 25 >25	56% 71%

Northern Essex Community College
Graduates Awarded Associate Degrees

TOTALS				
		AY05-06	AY06-07	
Total Degrees		575	565	
Unduplicated # of Graduates		560	553	
Gender				
	Female	366	381	
	Male	194	172	
Ethnicity				
	Majority	469	451	
	Hispanic	59	61	
	Minority	21	25	
Any ESL				
		15	15	
Age				
	Mean	30	31	
	Median	26	27	
	Mode	21	22	
Years to Completion				
	Mean	7	7	
	Median	4	4	
	Mode	3	3	
Top Programs (20 or more Graduates in descending order of popularity)				
	0213 & 0233 - Nursing	79	0180 - General Studies	79
	0180 - General Studies	72	0213 & 0233 - Nursing	79
	0311 - Business Transfer	65	0311 - Business Transfer	51
	0100 - Liberal Arts	52	0100 - Liberal Arts	46
	0200 - Criminal Justice	31	0200 - Criminal Justice	37
	0212 - Rad Tech	26	0308 - Business Mgmt	27
	0308 - Business Mgmt	24	0255 - Human Services	25
			0300 - Accounting	24
			0181 - Graphic Design	22
			0201 - Early Childhood Ed	22
			0212 - Rad Tech	20

Northern Essex Community College
Graduates Awarded Associate Degrees

GENDER							
	AY05-06		AY06-07				
Female	366	381	Male	194	172		
Ethnicity							
Majority	313	312	Majority	156	139		
Hispanic	33	45	Hispanic	26	16		
Minority	10	13	Minority	11	12		
Any ESL							
	9	11		6	4		
Age							
Mean	31	32	Mean	29	29		
Median	28	29	Median	24	25		
Mode	21	21	Mode	21	22		
Years to Completion							
Mean	7	7	Mean	6	6		
Median	5	5	Median	4	4		
Mode	3	3	Mode	3	4		
Top Programs (20 or more Graduates in descending order of popularity)							
0213 & 0233 - Nursing	71	0213 & 0233 - Nursing	72	0311 - Business Transfer	35	0311 - Business Transfer	29
0180 - General Studies	51	0180 - General Studies	57	0180 - General Studies	21	0200 - Criminal Justice	23
0100 - Liberal Arts	35	0100 - Liberal Arts	29			0180 - General Studies	22
0311 - Business Transfer	30	0308 - Business Mgmt	23				
		0311 - Business Transfer	22				
		0201 - Early Childhood Ed	22				
		0255 - Human Services	21				
		0300 - Accounting	20				

Northern Essex Community College
Graduates Awarded Associate Degrees

ETHNICITY							
	AY05-06		AY06-07				
Majority	469	451	Hispanic	59	61		
Gender							
Female	313	312	Female	33	45		
Male	156	139	Male	26	16		
Any ESL	2	3		10	8		
Age							
Mean	31	31	Mean	28	28		
Median	26	27	Median	26	25		
Mode	21	21	Mode	25	22		
Years to Completion							
Mean	7	7	Mean	6	7		
Median	4	4	Median	5	6		
Mode	3	3	Mode	3	4		
Top Programs (20 or more Graduates in descending order of popularity)					**5 or more Graduates in descending order of popularity		
0213 & 0233 - Nursing	71	0180 - General Studies	68	0311 - Business Transfer	9	0200 - Criminal Justice	12
0180 - General Studies	66	0213 & 0233 - Nursing	60	0200 - Criminal Justice	7	0213 & 0233 - Nursing	10
0311 - Business Transfer	49	0311 - Business Transfer	40			0180 - General Studies	8
0100 - Liberal Arts	48	0100 - Liberal Arts	37			0311 - Business Transfer	7
0200 - Criminal Justice	24	0308 - Business Mgmt	25				
0212 - Rad Tech	23	0200 - Criminal Justice	24				
		0300 - Accounting	22				
		0255 - Human Services	22				
		0201 - Early Childhood Ed	21				

Northern Essex Community College
Graduates Awarded Associate Degrees

ETHNICITY		
	AY05-06	AY06-07
Minority (A, B, I)	21	25
Gender		
Female	10	13
Male	11	12
Any ESL	1	3
Age		
Mean	26	35
Median	24	38
Mode	23	41
Years to Completion		
Mean	4	7
Median	4	5
Mode	3	3
**5 or more Graduates in descending order of popularity		

0213 - Nursing (DAY)

5

Fall 2006 Course Completion Rates (A - C) - On-line versus Traditional for Selected Courses

		Science (BIO,ERS,SCI)			ENG101			MAT		
on-line	Male	53%	<= 25	47%	44%	<= 25	44%	50%	<= 25	47%
			>25	73%		>25	50%		>25	57%
	Female	54%	<= 25	51%	49%	<= 25	35%	51%	<= 25	32%
			>25	61%		>25	83%		>25	70%
traditiona	Male	58%	<= 25	52%	57%	<= 25	55%	53%	<= 25	52%
			>25	75%		>25	73%		>25	63%
	Female	62%	<= 25	54%	56%	<= 25	54%	60%	<= 25	54%
			>25	72%		>25	66%		>25	76%
		PSY			SOC			CIS		
on-line	Male	52%	<= 25	45%	58%	<= 25	54%	45%	<= 25	41%
			>25	62%		>25	71%		>25	61%
	Female	59%	<= 25	41%	68%	<= 25	60%	65%	<= 25	58%
			>25	81%		>25	79%		>25	76%
traditiona	Male	61%	<= 25	58%	70%	<= 25	70%	52%	<= 25	51%
			>25	77%		>25	68%		>25	56%
	Female	70%	<= 25	66%	70%	<= 25	65%	75%	<= 25	70%
			>25	79%		>25	85%		>25	80%