

TIDEWATER COMMUNITY COLLEGE

STUDENT SUCCESS AGENDA FOCUSING ON WHAT IS IMPORTANT

PRESENTED TO SACCR

August 4, 2009



Commonly Used Measurements of Student Success

- Graduation rates
- Retention & persistence rates
- Transfer rates
- System of core indicators
- Job placement
- Perkins core indicators
- Scores on standardized tests
- CCSSE benchmarks





Limitations of Current Measures

- Federal graduation and retention rates exclude 65% of our student body.
- Graduation and retention rates are defined in terms of traditional four-year student patterns.
 - What about developmental students?
 - What about part-time students?
 - What about students who transfer prior to degree?
 - What about students who don't plan to complete a degree?
- Success has been too narrowly defined as completing a degree.





And Speaking of Completing a Degree

Note the following about our graduates...



Snapshot of 2009 TCC Graduates

- Almost half enrolled in at least one developmental course.
 - 48% enrolled in developmental math
 - 19% enrolled in developmental writing
 - 12% enrolled in developmental reading
- The majority (53%) of associate degree graduates required 4 years or less to graduate.
- 49% of certificate recipients graduated in 3 years or less.





Bottom Line

- Many students require developmental studies to prepare them for college level coursework.
- Given the enrollment patterns of most of our students, the majority will take longer than 3 years, the federal graduation rate standard, to graduate.
- Ultimately, student success defined for TCC, an open door institution, is very different from student success defined for UVA, a highly selective institution.





Building on What we Know

A New Model for Student Success





Guiding Principles to Define a Successful Student

- To be inclusive, rather than exclusive
- To acknowledge the difference in community college student enrollment patterns as compared to four-year traditional student patterns
- To expand the definition of success to recognize the mission of the community college and embrace the notion of open door institutions
- To better understand the intent or educational goals of the community college student





Underlying Assumptions to Achieve Success

- That students enrolled in a transfer degree program intend to complete the baccalaureate degree.
- That students enrolled in a career/technical program intend to complete the appropriate degree or certificate.
- That students must pass college level English and math to attain a degree.
- That students who place in developmental studies must progress to college level math and English to attain the degree.
- That retention is key to student success.
 - Retention after application and placement testing
 - Retention from beginning to end of each class
 - Retention from the first semester to the second semester
 - Retention from the first year to the second year





Student Success Definition

The achievement of an academic credential for program placed students or the progression toward the credential within four years, to include students who have transferred prior to degree attainment or are still enrolled at the institution.





Proposed Student Success Model

- Model is built on three key indicators
 - Graduation
 - Transfer out
 - Continued enrollment
- Ultimate measure is student advancement rate
 - The sum of the 3 key indicators





Student Success Goal

Advancement Rate = Graduated + Transferred + Still enrolled

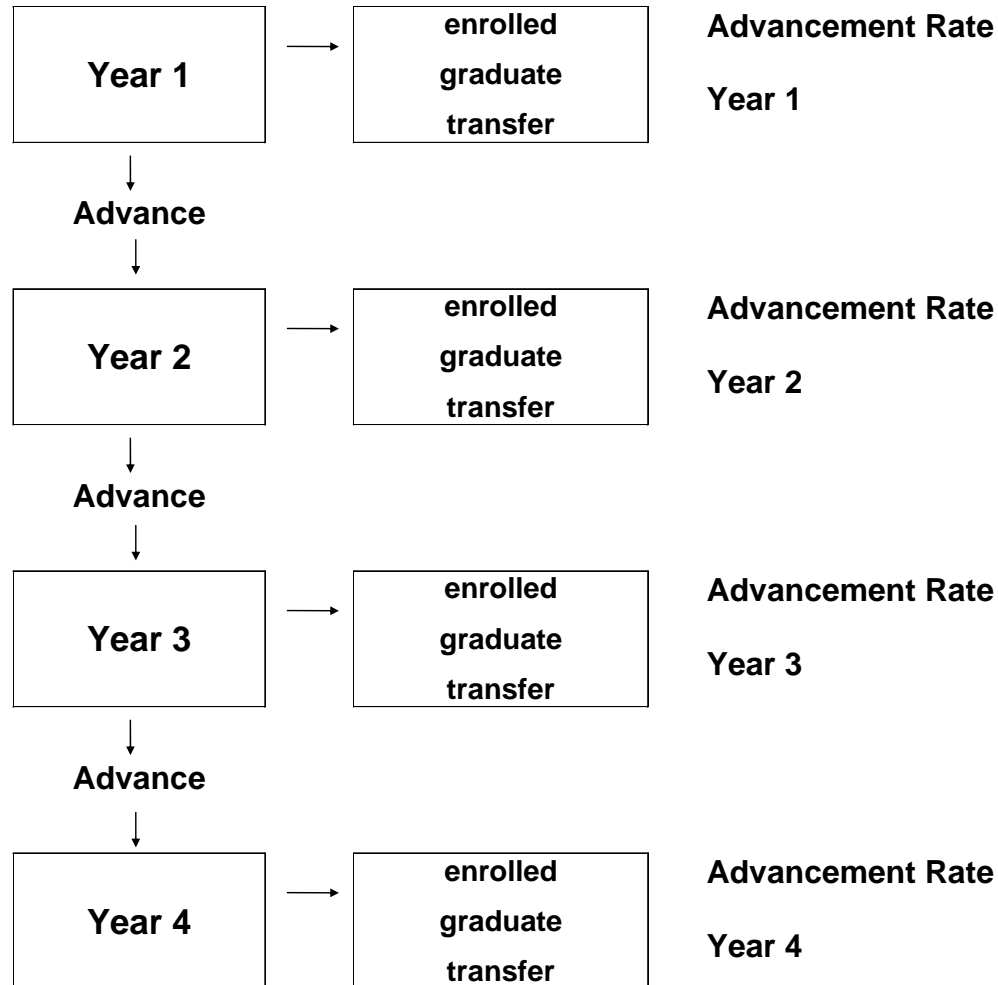
Four-Year Advancement Rate Goal:

55%



Proposed Student Success Model

Cohort: 1st time program placed students





College Advancement rate

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COLLEGE ADVANCEMENT RATE >>

2007-08 Advancement Rate		2008-09 Advancement Rate		2009-10 Advancement Rate		2010-11 Advancement Rate	
Fall 2004 cohort		Fall 2005 cohort		Fall 2006 cohort		Fall 2007 cohort	
<u>Year 1</u>		<u>Year 1</u>		<u>Year 1</u>		<u>Year 1</u>	
Graduated	0.8%	Graduated	0.6%	Graduated	0.1%	Graduated	0.5%
Still Enrolled	52.9%	Still Enrolled	51.3%	Still Enrolled	54.0%	Still Enrolled	56.2%
Transferred	2.0%	Transferred	5.2%	Transferred	5.4%	Transferred	7.1%
1-year Rate	55.6%	1-year Rate	57.1% ↑	1-year Rate	59.5% ↑	1-year Rate	63.8% ↑
<u>Year 2</u>		<u>Year 2</u>		<u>Year 2</u>		<u>Year 2</u>	
Graduated	4.5%	Graduated	4.8%	Graduated	4.5%	Graduated	Sep 09
Still Enrolled	32.8%	Still Enrolled	31.7%	Still Enrolled	36.6%	Still Enrolled	Sep 09
Transferred	8.3%	Transferred	10.6%	Transferred	12.5%	Transferred	Jan 10
2-year Rate	45.5%	2-year Rate	47.1% ↑	2-year Rate	53.6% ↑	2-year Rate	Jan 10
<u>Year 3</u>		<u>Year 3</u>		<u>Year 3</u>		<u>Year 3</u>	
Graduated	9.9%	Graduated	10.3%	Graduated	Sep 09	Graduated	Sep 10
Still Enrolled	19.9%	Still Enrolled	19.9%	Still Enrolled	Sep 09	Still Enrolled	Sep 10
Transferred	13.6%	Transferred	16.4%	Transferred	Jan 10	Transferred	Jan 11
3-year Rate	43.4%	3-year Rate	46.6% ↑	3-year Rate	Jan 10	3-year Rate	Jan 11
<u>Year 4</u>		<u>Year 4</u>		<u>Year 4</u>		<u>Year 4</u>	
Graduated	13.4%	Graduated	Sep 09	Graduated	Sep 10	Graduated	Sep 11
Still Enrolled	13.0%	Still Enrolled	Sep 09	Still Enrolled	Sep 10	Still Enrolled	Sep 11
Transferred	14.3%	Transferred	Jan 10	Transferred	Jan 11	Transferred	Jan 12
4-year Rate	40.7%	4-year Rate	Jan 10	4-year Rate	Jan 11	4-year Rate	Jan 12



Enhancing Student Success

- Identify milestones
 - Developmental course completion
 - Credit math and Eng course completion
 - 23% of the students who place in MTH 03 and 42% of students in MTH 04 complete a 100 level math course within 4 years
 - 67% of the students who place in college level math complete a 100 level math course within 4 years
 - Completion of General Education Certificate
 - Completion of high risk courses
 - Less than half of the students enrolled in BIO 141 are successful
 - Online courses
- Identify strategies to help students succeed at major milestones
- Close the feedback loop





2008-09 Student Success Scorecard

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2008-09 STUDENT SUCCESS SCORECARD >>

The Student Success Scorecard tracks the successful completion of nine core student success indicators that impact the advancement rate. The advancement rate is comprised of the sum of the graduation rate, transfer rate, and still enrolled rate. The key to student success is retention—in each class, semester-to-semester, and year-to-year.

College Advancement Rate

	Actual 2007-08	Target ¹ 2008-09	Target 2009-10	Target 2010-11	Goal 2011-12
Advancement Rate	40.7%	44.3%	47.9%	51.5%	55.0%
Graduation (Goal = 0.9% annual increase)	13.4%	14.3%	15.2%	16.1%	17.0%
Transfer (Goal = 0.9% annual increase)	14.3%	15.2%	16.1%	17.0%	18.0%
Still Enrolled (Goal = 1.8% annual increase)	13.0%	14.8%	16.6%	18.4%	20.0%

¹ Graduation rate and still enrolled estimate available September 2009
Transfer rate and final advancement rate available January 2010

College Indicators — Successful Completion

FINAL	Actual 2007-08	Target 2008-09	Actual 2008-09	Progress	Goal 2011-12
SDV ² 1 st Year (Goal = 4.8% annual increase)	55.9%	60.7%	54.2%		75.0%
Developmental Math ³ (Goal = 2.5% annual increase)	50.0%	52.5%	51.6%		60.0%
Developmental English ⁴ (Goal = 2.7% annual increase)	64.1%	66.8%	66.8%		75.0%
Credit Math (MTH 158 & 183) (Goal = 2.1% annual increase)	61.5%	63.6%	65.3%		70.0%
Credit English (ENG 111) (Goal = 2.2% annual increase)	66.1%	68.3%	68.6%		75.0%
BIO 141 (Goal = 3.2% annual increase)	47.4%	50.6%	51.7%		60.0%
CHM 111 (Goal = 3.4% annual increase)	46.3%	49.7%	48.4%		60.0%
Online Courses (Goal = 2.6% annual increase)	64.7%	67.3%	66.5%		75.0%
General Education Certificate (Goal = 75 annual increase)	0	75	209		300

² SDV 100, 101, 104, 108; curricular students, no CSC

³ MTH 2, 3, 4

⁴ ENG 1, 3, 4, 5, 7, 8

Legend

- Little or no progress toward goal
- Marginal progress toward goal
- Substantial progress toward goal



Student Success Begins
at the
Course Level





Successful Completion of SDV for the First-Year Student

Actual 08-09 = 54.2%

Target 09-10 = 61.1%





Success for the Developmental Student

MTH Actual 08-09 = 51.6%

ENG Actual 08-09 = 66.8%

MTH Target 09-10 = 54.4%

ENG Target 09-10 = 69.5%





Success

for the Student Enrolled in College Level

Math and English

MTH Actual 08-09 = 65.3%

MTH Target 09-10 = 66.9%

ENG Actual 08-09 = 68.6%

ENG Target 09-10 = 70.7%



Success for the Online Student

Actual 08-09 = 66.5%

Target 09-10 = 69.3%



Success for the Student Enrolled in High Risk Courses

BIO Actual 08-09 = 51.7%

BIO Target 09-10 = 54.5%

CHM Actual 08-09 = 48.4%

CHM Target 09-10 = 52.3%



Successful Completion of General Education Certificate

08-09 Actual = 209 certificates

09-10 Target = 150 certificates





Supporting Student Retention, Transfer & Graduation

- Attention to the first-year student
- Intervene for students with academic challenges
- Outreach to students with many accumulated credits
- Personalize connections to senior institutions
- Emphasis on graduation





Student Success – Next Steps





Student Success – Points to Remember

- Share student success information
- Engage colleagues in the discussion of improving student success – we all play a role
- Identify strategies that make improvements
- Implement and “pilot test” strategies and assess their effectiveness
- Expand the use of successful strategies to other courses, disciplines, campuses.



QUESTIONS?



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