

Achieving the Dream at Trident Technical College



Data Results – Ethnicity

- Fall 2006 success rate gaps between African-American students and white students:
 - Developmental Courses = 11.0 % points
 - Gateway Courses = 15.9 % points

Data Results – Financial Need

- Average Fall 2006 success rate gaps between students who demonstrate the most financial need and students who do not demonstrate financial need:
 - Developmental Courses = 14.3 % points
 - Gateway Courses = 14.1 % points

Data Results – Gaps in Courses

- Courses with lowest success rates (10+ % points below other DVS and Gateway courses):
 - MAT 032
 - MAT 101
 - MAT 102
 - MAT 110

Student Focus Group Results

- Primary Challenges and Concerns
 - Work and family commitments
 - Desire for more personal contact
 - Advising
 - Instruction
 - Tutoring
 - Difficulties with college processes

Faculty/Staff Concerns

- Student readiness (e.g., reading, academic, and college life skills)
- Student life issues (e.g., child care, finances)
- Institutional practices (e.g., advising, placement)

ATD Initiative Priorities

1. Increase students' success in their first year
2. Increase students' math skills attainments, confidence levels, and course completions

Strategies – First-Year Students

- Investigated and Recommended Changes in:
 - Math Placement
 - Advising
 - Student Success Courses
 - Tuition Payment Plan

MAT 032 Strategy – Instructional Assistants

- Employed student assistants in MAT 032 lab-based courses in Fall 2008, Spring 2009, and Summer 2009
- Allows students to receive tutoring within classes rather than outside of classes
- Affected over 400 students in the Fall and over 500 students in the Spring

MAT 032 Strategy – Data Results

- Success rates of tutored sections were higher than non-tutored sections (5.7% points in F08 and 6.4% points in SP09)
- Retention rates between tutored sections and non-tutored sections were the same
- Progression rates from F08 to SP09 in tutored sections were 13.9% points higher than non-tutored sections
- Persistence rates of unsuccessful students from F08 to SP09 in tutored sections were 6.6% points higher than students in non-tutored sections

Math Initiatives

- MAT 152: A 5 credit hour version of MAT 101 – Includes study skills training
- MAT 153: A 5 credit hour version of MAT 102 – Running in Fall 2009
- MAT 109: An applications-based College Algebra course – Running in Fall 2009
- MAT 120: Recorded interactive lectures for online courses

Math Initiatives

- Improvement of student success in mathematics = focus of Quality Enhancement Plan (QEP) for SACCS



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