

2008 - 2009 Outcomes Assessment

MATHEMATICS

Purpose Statement: To offer courses to facilitate college transfers, promote occupational preparation, enhance vocational training, and enrich personal lives. From developmental arithmetic to algebra and calculus, the department strives to promote mathematics through a variety of techniques and technology to make the experience successful for every student.

Goals	Intended Outcomes	Assessment Criteria/Procedures	Assessment Results	Use of Results
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<p>To remediate computational and algebraic skills in students desiring or requiring such skills so that they are able to further enhance their abilities.</p>	<p>Students who do not achieve the threshold score on the mathematics diagnostic tests (COMPASS) will complete the prescribed developmental courses with a grade of C or higher, and once admitted to regular college courses, grades achieved by these students will be comparable to those of other student populations.</p> <p>Students will demonstrate a level of math mastery at or above the national standard for such students.</p> <p>The college will provide opportunities to the community it serves to obtain awareness of the</p>	<p>Analysis of grades by the College's Planning and Assessment Office will demonstrate that there is no statistical difference between math grades of students completing one or more developmental courses to those who did not.</p> <p>80% of students taking the CAAP test in Math and Critical Thinking will perform at or above the national norm.</p> <p>The college will host a minimum of one community-oriented event in math during the</p>	<p>Data shows there is not a statistical difference with transitional students. However, it was noted that the more time between transitional and college-level classes, the more difficulty the student has.</p> <p>CAAP NOT ADMINISTERED IN 2008-09</p> <p>HOSTED PTK MIDDLE SCHOOL TOURNAMENT OCTOBER 2007,</p>	<p>Encourage students to progress from one math class to the next each semester to strengthen math skill retention and maximize success for the students.</p>
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	<p>institution's math offerings and the importance of this subject in the global environment in which we live.</p> <p>Math department faculty members will remain up to date on technology advances made within the discipline</p>	<p>academic year.</p> <p>Mathematics faculty will attend a minimum of one professional development event during the academic year to strengthen technology efforts, current technology practices, and participation techniques.</p>	<p>ADVANCED MATH INVITATIONAL TOURNAMENT JANUARY 2008 CULLMAN COUNTY MIDDLE AND HIGH SCHOOL TOURNAMENTS MARCH 2008, ALABAMA STATE WRITTEN EXAM MARCH 2008.</p> <p>MATH FACULTY ATTENDED WORLD WIDE WHITEBOARD WEBINAR FEBRUARY 2008 AND MYLIVETUTOR WORKSHOP FOR MYMATHLAB AUGUST 2008.</p>	<p>DEPARTMENT WILL CONTINUE TO HOST EVENTS</p> <p>MATH FACULTY MEMBERS ARE INTEGRATING THE MYLIVETUTOR FEATURE INTO ONLINE AND HYBRID COURSES.</p>
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