

**Reach the S.U.M.M.I.T (Soaring Upwards!
Mastering Mathematics! Incorporating Technology!)
Southwest Mississippi Community College**

Gateway mathematics courses can become a barrier to degree completion for many students. Research suggests that student performance in mathematics classes can be improved with integration of classroom and lab instruction as well as with increased support of students provided by colleges.

The Quality Enhancement Plan (QEP) for Southwest Mississippi Community College (SMCC), titled “Reach the S.U.M.M.I.T (Soaring Upwards! Mastering Mathematics! Incorporating Technology!)” seeks to raise the percentage of academic students in College Algebra who pass the course, to raise the percentage of first-time full-time students enrolled in Beginning Algebra who progress to Intermediate Algebra during the first academic year, and to raise the understanding of five specific student learning outcomes by students enrolled in Beginning Algebra. SMCC plans to accomplish these goals by actively using technology during classroom periods of Beginning Algebra, by augmenting the availability of online videos for all students enrolled in Beginning Algebra, and by encouraging increased use of free math tutoring provided by the Student Success Center.

Beginning in the Fall 2020 semester, “Reach the S.U.M.M.I.T.” will result in more than 80% of academic students enrolled in College Algebra passing the class, in 88% of first-time full-time students in developmental math classes enrolling in Intermediate Algebra within the first academic year, and in the percentage of students in Beginning Algebra who gain an understanding of five key student learning outcomes exceeding historical local benchmarks by the Spring 2025 semester.

For information regarding the development or implementation, please contact:

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