

**STUDENT SUCCESS CERTIFICATE APPROVAL
FOR TEACHING FACULTY**

Mountain Empire Community College

Student Success Initiative

Purpose: Utilizing pedagogy and data to improve student success and college outcomes.

Submit to Dean/Approval Committee upon Completion

Sylvia Brown

Name

Assistant Professor, Mathematics

Title

Mathematics

O/T Program or A&S Discipline

Arts and Sciences

Division

Instructions: To request Certificate approval, a faculty member should attach a copy of the previously approved application form to this completed form, with signatures from both the faculty member and dean. The faculty's and dean's signatures signify that this project is complete. The signatures of the three-person Approval Committee on this form will verify that the project has been completed and will authorize the issuance of a Student Success Certificate by the Vice-President of Academic and Student Services.

Documentation for Certificate Approval: The faculty member should respond to each of the following and attach any appropriate documentation.

1) Completing professional development activities described in the Application;

I visited Montgomery College in January 2006 and observed Fast Track classes, as well as reviewed the curriculum and textbook with Mr. Coe.

While at Montgomery College, I reviewed the "I Can Learn" software used in the computerized developmental Algebra class. Montgomery College offers a computerized developmental Algebra class for students who prefer this format in lieu of lectures. The faculty members at Montgomery College were very pleased with the "I Can Learn" software.

2) Implementing new strategies according to the timetable described in the Application; and

The strategies listed in the Student Success Certificate application were implemented according to the proposed schedule. The trip was conducted in January 2006, the two Fast Track courses were developed during spring semester 2006, and the two Fast Track courses were offered in summer 2006. I decided to use the Coe textbook for my Fast Track Algebra class, but I also added several supplements to accompany the text.

3) Measuring changes in student outcomes.

Eight students enrolled in the Algebra Fast Track Course in June 2006. All eight of these students completed the course successfully. The class average was an 88.5% for the Fast Track course exam, as compared to ___ in my traditional MTH 3 course.

Six students enrolled in the Arithmetic Fast Track Course and all six completed the course successfully. In a typical full-semester course, the class average is around 75% on the final exam. In this course, the class average for my MTH 2 has been 93%.

I plan to assess whether these students are successful in the next Developmental course (for those who completed Fast Track Arithmetic) and in the next college-level mathematics course (for those who completed Fast Track Algebra.) This initial assessment can be completed in January 2007, after the grades are posted for fall 2006.

Signature of Faculty Member _____ Date _____

Signature of Dean _____ Date _____

Signature of Committee Member _____ Date _____

Signature of Committee Member _____ Date _____

Signature of Committee Member _____ Date _____

12/2/06