

Gadsden State Community College
Quality Enhancement Plan
Your Math GPS
Guidance from Peer Tutors = Success

QEP Director: Kelley Haynes Pearce, Associate Dean of Enrollment and Retention

Email: khaynes@gadsdenstate.edu

Colleges across the country have identified low success rates for students needing remedial instruction as a significant barrier to college completion, and this is also true of students at Gadsden State Community College (GSCC). There is a clear need for GSCC to do more to help students complete their Developmental Math courses, progress to credit bearing courses, and ultimately graduate. The choice of **Your Math GPS** for the Quality Enhancement Plan (QEP) topic is data-driven and supported by scholarly research. Institutional data indicates that students are struggling with math. Research demonstrates that well-developed peer tutoring and embedded tutoring programs are successful in not only increasing student completion in Developmental Math courses but also retention and the potential for completion of certificate and degree programs. Gadsden State Community College is committed to student success and the mission of the Quality Enhancement Plan.

Mission

The mission of the Quality Enhancement Plan, **Your Math GPS – Guidance from Peer Tutors = Success**, is to advance the academic success of all Gadsden State Community College students in MTH 098, Elementary Algebra, by providing access to academic support through on-demand online resources, embedded tutors, and peer-to-peer tutors.

| Student Learning Outcomes | |
|----------------------------------|--|
| SLO One | By the end of the five-year period, decrease the percentage of students withdrawing from MTH 098, Elementary Algebra, to 15%. |
| SLO Two | By the end of the five-year period, increase the percentage of students successfully completing MTH 098, Elementary Algebra, to 60%. |
| SLO Three | By the end of the five-year period, increase the percentage of students enrolling in the next highest Math course after successfully completing MTH 098, Elementary Algebra, to 95%. |

The Solution

The four strategies to address the low success rates in Developmental Math (MTH 098) are the following:

1. Systematic Evaluation of Teaching/Learning Strategies to identify “Best Practices”
2. A Blackboard Module entitled Math OnDemand
3. Embedded Tutoring
4. Peer Tutoring

Summary

Each level of assistance marks a more intrusive level of academic support:

1. Students can seek assistance on their own through Math OnDemand.
2. Embedded Tutors can be on hand in the classroom and during study sessions to offer assistance and reach out to students.
3. Instructors can refer students who continue to struggle to the Advising Center where advisors will alert the QEP Director who will then assign them to a Peer Tutor. Students needing help can also be assisted in one of the Tutoring Centers on a drop-in or scheduled basis.

Your Math GPS will be a comprehensive academic support program for mathematics that strives to meet the needs of MTH 098 students on all campuses.