



**Title:** Math Matters

**Institution:** Georgia Northwestern Technical College

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Georgia Northwestern Technical College (GNTC) selected Math Matters for its Quality Enhancement Plan (QEP). The purpose of Math Matters is to improve the mathematical skills and the success rate of students placed in learning support math, specifically algebra. The college identified three goals for the QEP. These goals include:

- Improving the math skills and success rates of students placed in MATH 0098 and MATH 0099.
- Improving the success rates of students progressing through the various levels of math.
- Increasing graduation rates of students placed in learning support math.

The goals are supported by several initiatives that represent the actions to be taken by the college. The initiatives include:

- The accurate placement of students – to include diagnostic reports and placement testing.
- Course redesign of MATH 0098-Elementary Algebra and MATH 0099-Intermediate Algebra – to include curriculum redesign, guided learning, tutoring, attendance, physical space and technology, staffing, and advising.
- Professional development – to include resources needed to ensure faculty and lab personnel have the tools necessary to provide quality instruction.

With the implementation of the initiatives, GNTC anticipates that improvements in mathematical skills and the success rate of students will be realized. The assessment cycle will guide GNTC's efforts to continually improve the processes put in place. Various instruments and methods will be utilized in the ongoing assessment of the goals and initiatives of the QEP.

Improving student success in learning support math clearly supports the mission of Georgia Northwestern Technical College by promoting "high quality technical education and workforce development." The implementation of the QEP will be transformative in nature and allows for involvement of the entire college community.