



*Racing to Success!*

## Executive Summary

The Northeastern Technical College (NETC) Quality Enhancement Plan (QEP), Accelerated Math – Racing to Success, is a five-year, college-wide quality improvement plan focusing on student learning outcomes to benefit the students of NETC. Remedial and developmental math courses became areas of interest through analysis of institutional data and feedback from college stakeholders. Analysis included a two-year process of comprehensive research and input collection via faculty/staff communication and student opinion sessions. This exhaustive process led to the selection of accelerated math as a wholly appropriate QEP topic for NETC.

This QEP aims to overcome low retention and completions rates of students who place into remedial and developmental math courses, a nationwide problem especially prevalent among NETC students. The key elements to implementing NETC's QEP include redesigned course structure and self-paced math labs. The technological aspect of this plan affords not just new efficiencies in assessment and instruction, but also appeals to students enrolling directly from high school, digital natives who require and demand innovative and personalized educational delivery methods. This effort to improve student success through inventive adaptation reflects NETC's mission to provide quality instructional programs.

The NETC QEP includes:

### **Accelerated Math Course Redesign**

- The QEP will re-conceptualize MAT 032, MAT 150, MAT 101, and MAT 102 from a series of four classes into a combined, streamlined two-course sequence, MAT 106 and MAT 108
- These courses are not only new to NETC, but also new to the South Carolina Catalog of Approved Courses
- These courses will be self-paced with a modular approach
- Reviewed the existing student learning objectives, removing redundancies and paring them down to those which contain the most critical elements necessary to build a strong foundation for work in college level math courses

### **Improved Delivery Structure**

- These courses rely on Hawkes Learning System's innovative courseware focusing on strong content and mastery-based approaches
- Self-paced, including mandatory sessions with an instructor and broad tutor availability

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