**What Is the QEP?**

The Quality Enhancement Plan (QEP) is a long-term assessment plan that will provide an institutional course of action to improve student learning. While it is a requirement for SACS reaffirmation of accreditation, it affords West Georgia Technical College the opportunity to focus on one area that will enhance overall quality and effectiveness. Through a comprehensive selection process over the last two years, WGTC’s QEP topic was proposed by LaGrange Campus math instructor Ron Murphy. The plan focuses on improving student learning in learning support mathematics: **Reaching the Summit: Conquering Mathematics.**

**Why Did We Choose This QEP?**

- In FY 2011, 65.36% of WGTC students needing LS were enrolled math remediation courses; ~3 semesters to complete.
- Student success rates in LS math and college algebra have declined over the last two years. The success rate for the highest level of LS (MATH 0099) averaged only 47.28% in FY 2010-2011; for MATH 1111, 65.58%.
- Students who do not succeed in learning support cannot advance to college algebra, required for all degree programs.

**How Will We Accomplish the QEP?**

- Redesign 3 courses into 1 modularized course: MATH 0090
- Integrate ALEKS computerized instruction in math emporium labs
- Increase real-world problem-solving activities in MATH 0090
- Enhance tutoring and advisement services
- Offer faculty development opportunities:
  - Computer-aided instruction (ALEKS)
  - Problem-solving methods and assessment
  - Learner-centered, individualized instruction

**QEP Topic:**  
**Reaching the Summit: Conquering Mathematics**

A redesign of math learning support

**QEP Goal:**  
To improve student learning and success in learning support math and in the subsequent college algebra course.

**QEP Objectives:**

- Increase the percentage of students who successfully complete the learning support mathematics course MATH 0090.
- Increase the percentage of students who successfully complete MATH 1111 as a result of completing the emporium model learning support course.
- Improve students’ problem-solving skills.
- Enhance faculty development opportunities to improve student learning.

**So Far, So Good!**

Overall student success rate in pilot LS: **68.22%**
Pilot students who have completed MATH 1111: **100%**