

# St. Johns River State College

## Quality Enhancement Plan: *Conquer Math*

### Executive Summary

To further its mission to encourage the pursuit of academic excellence and scholarly achievement through high quality instruction, St. Johns River State College (SJR State or the College) developed a comprehensive Quality Enhancement Plan (QEP). The QEP process involved extensive conversations with a broad base of constituents and a comprehensive review and analysis of data on student learning. Through this process, the college community identified **Intermediate Algebra** as the focus of the QEP.

The College's QEP, **Conquer Math**, will improve student learning and student success in Intermediate Algebra (MAT 1033), a gatekeeper course facing high withdrawal, low success, and low levels of achievement in student learning outcomes. Success in MAT 1033 impacts success in subsequent courses, such as College Algebra (MAC 1105). Critically, students who are not successful in MAT 1033 are much less likely to continue to the following semester or academic year.

The purpose of **Conquer Math** is to improve student learning in Intermediate Algebra to prepare students for continued success in subsequent courses. There are two goals associated with this purpose:

- 1) **Increase student learning in Intermediate Algebra**
- 2) **Improve student success in Intermediate Algebra and subsequent courses for which MAT 1033 is a pre-requisite**

To address these goals, the team has identified two core initiatives. First, to improve course engagement (deploy engaging teaching and learning strategies, launch early assessment/intervention, and enhance faculty development) and strengthen student support (embed academic support and tutoring). This integrated approach to teaching, learning, and student support will impact achievement in student learning outcomes, course retention in MAT 1033, course success in MAT 1033, course retention in MAC 1105, course success in MAC 1105, and persistence.

The College ensures sufficient resources to initiate, implement, sustain, and complete the QEP. The College has allocated a sufficient budget to support the human and technical resources required for the full implementation of the QEP. Key personnel are already in place to begin work.

The QEP will be integrated into the College's strong culture of assessment. The assessment of **Conquer Math** is both formative (process) and summative (impact) in nature and will review both quantitative and qualitative metrics. An annual report will provide stakeholders with an overview of progress by goals, outcomes, and activities.



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