



BARTON

COLLEGE

Quality Enhancement Plan Barton Bold: Beyond the Numbers

Quantitative literacy (QL) is more than solving numerical equations; QL is the ability to understand numerical information in context with other information. At Barton College, we want our students to competently and comfortably work with numerical data in a variety of perspectives and everyday life situations.

Implementation of the Barton College quality enhancement plan ***Barton Bold: Beyond the Numbers*** will lead to enhanced student learning in quantitative literacy by meeting three objectives:

- Improve students' quantitative literacy skills through revised math courses
- Synthesize quantitative thinking in QL-associated courses in the general education curriculum and majors
- Generate a network of support for students and faculty of QL-associated courses

The learning outcomes of ***Beyond the Numbers*** were developed following examination of institutional data and consideration of best practices in the area of quantitative literacy. Faculty teaching QL-associated courses are integral to the success of this program, as is continual assessment of student learning and progress of the plan. The QEP Director, supported by the Director of the QL Center, the QEP Team, and the Faculty Development Committee, ensure that the QEP is implemented and systematically analyzed. To meet our learning objectives, the following intervention strategies include:

- Revising foundational math courses to deepen QL skills
- Modifying social sciences courses in General Education to provide an emphasis on QL
- Creating QL components for major courses where students apply QL skills
- Crafting a repository of QL resources to advance student learning and faculty development
- Establishing a QL Center to support student learning and assist alumni in preparing for standardized examinations

By enabling students to engage in mathematics across the curriculum in meaningful and memorable ways, ***Beyond the Numbers*** will change how Barton College students conceptualize numbers. Barton graduates will be quantitatively literate, demonstrating the ability to critically evaluate numbers in new ways. By understanding numeracy, graduates will use quantitative analysis of data as the basis for deep and thoughtful judgments, including drawing insightful and carefully developed conclusions. Barton College graduates will have enhanced decision-making skills in everyday life situations.