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Holly Hirst* (hirsthp@appstate.edu), **Mark Ginn** and **Katrina Palmer**. *Revising General Education Math Courses with Client Discipline Input.*

Periodically, courses approved for our University's quantitative literacy (QL) requirement in the general education program must be re-certified. The Math Sciences Department took advantage of this process to revise the three courses non-technical majors typically take: an application-based "liberal arts" course, a college algebra course, and a precalculus course. Many client disciplines had found that the college algebra course did not meet their needs and were requiring precalculus, even though their students did not need to take calculus. This led to a precalculus that did not prepare students for calculus or for the needs of the client disciplines.

Client disciplines across the university were asked to describe needs of their majors, which led us to a significant revision to the college algebra course, allowing the precalculus course to be specifically designed to prepare students for calculus. The conversations also yielded problems to be incorporated into the college algebra course from nutrition, exercise science, and building science, as well as from general education courses in chemistry, geology, and physics.

This presentation will provide outlines of the three redesigned courses, and share examples of input from the client disciplines. (Received September 05, 2015)