

Product Used **MyMathLab**  
Course Names **Algebra and Trigonometry**

## Course Implementation

Multimedia University redesigned its traditional, paper-and-pencil-based Algebra and Trigonometry course using MyMathLab, which it uses for self-testing, electronic assessment. As is recommended, a demonstration session was conducted at the beginning of the academic year to familiarize students with the system.

The redesigned course comprises four hours of face-to-face lectures plus one hour of face-to-face tutorial class per week. Students are encouraged to work through the Study Plan at

their own pace in order to reinforce topics covered during both lecture and tutorials. For this purpose, students are afforded unlimited attempts until they master concepts.

Three quizzes and three assignments were created by the instructor. Students were given three attempts to solve each quiz and assignment which consisted of 15 questions within two weeks. MyMathLab contributed 30 percent to a student's final course grade.

## Results and Data

To determine student perception of MyMathLab, faculty created a five-point Likert scale questionnaire with the following anchoring points: (5) strongly agree, (4) agree, (3) neutral, (2) disagree, and (1) strongly disagree. Students rated the use of MyMathLab positively and were overall very satisfied with it.

- 91.3% strongly agreed or agreed that it was helpful to rework wrong problems.
- 81.1% strongly agreed or agreed that MyMathLab helped them to learn mathematics.
- 74.1% strongly agreed or agreed that they became a better problem solver by using MyMathLab.
- 71% strongly agreed or agreed that they will recommend MyMathLab to others.
- 62.7% strongly agreed or agreed that MyMathLab is easy to use.

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