About the Course

CONS0009 is a core course in the Master of Construction Project Management (MCPM) program. In recent years, student feedback indicates that they wish to see more teaching conducted online to provide them with better and more flexible learning experiences. This project was designed to incorporate digital technologies to enhance the student learning experience and to be in line with the Faculty’s strategic plan of integrating the use of digital technologies in teaching. This course was redesigned to incorporate with various online teaching and learning components.

Redesign Aims

The aim of this project is to utilize more digital technologies and web support to enhance student engagement and overall student experience. To improve students’ satisfaction and to be in line with the Faculty’s strategic plan of increasing the use of digital tools in teaching, this course has been redesigned to incorporate online teaching and learning components.

Approach

Appropriate use of various digital technologies are essential to support different learning activities in this course. Calculation type problems require lots of practices, therefore establishing online question banks is a very effective way to support students’ self-learning. Video clips from industry professionals can provide case studies that are most relevant to Australian construction market. All online teaching materials are to be integrated in Moodle for effective use. Interactive computer lab activities with enhanced design are to be adopted in the lessons.

Outcomes

Comprehensive online teaching and learning materials were developed in this project in accordance with the redesigned or enhanced learning activities. The main project outputs are:

1. A reasonable-sized (over 200 questions) online question bank for web-based assessment and self-learning exercise was completed.
2. Two online quizzes were implemented in the course.
3. Thirteen short videos lecture clips by industry professionals have been recorded and some of them are selected to be used as supporting materials in the course.
4. Students’ feedback was collected by using a short survey, and the feedback can be used for further improvement of online teaching components.

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