

## **Title: Tzu Chi Hawaii Academy Launches Bilingual e-Learning Platform for Mandarin Students**

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**Abstract:** At Hawaii Tzu Chi Academy, many online resources have been utilized, including games, videos, & songs, to help our bilingual learners get comfortable and interested in learning Chinese language and culture. Online tools have been used to improve our students' speaking, listening, reading, and writing skills.

In order to provide the best possible learning experience for students and train new teachers, innovative ways have been developed to meet the changing needs of our learners. Moodle (Modular Object Oriented Dynamic Learning Environment) is a learning platform, or course management system (CMS), which has been piloted as a teaching tool at Hawaii Tzu Chi Academy. This paper also includes the statistical analysis of students' spoken language at home and students' enrollment data in the past few years. Such meaningful and significant data has led us to design the curriculum specifically for this academy.

With the help of the Tzu Chi Northern California Information Technology (IT) Group, the Moodle e-Learning server was installed for Tzu Chi Hawaii Academy in August 2016. Volunteers set up and configured the Moodle site to display the school's calendar, activities, and announcements. A series of workshops were then held to train teachers to streamline their course curricula, homework assignments, and quizzes on the Moodle learning system.

The goal for integrating Moodle into the learning curriculum is to increase access to learning opportunities and provide flexibility for students. It will also enhance the general quality of teaching and learning.

**Keywords:** CMS, Moodle, Tzu Chi, e-Learning, IT, BI-Lingual