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ABSTRACT

Computer Aided Instruction (CAI) is a software designed to improve the academic performance and learning of the students. It provides different ways of teaching online. The system is implemented in order to improve the academic performance of students in Philippine Christian University who are taking the course General Chemistry with Laboratory and Inorganic Chemistry.

The main purpose of CAI is to serve as an online tutor, online review and book which responds the student needs. Existing system in CAI focuses on lectures and discussions. CAI provides different methods of learning, it includes video and audio presentations, simulations, games and quizzes.

The implementation of CAI requires a supervision of the teacher as well as a continuous web hosting for the site to remain viewable.

The proponents survey the teacher and the students in order to know their ratings as well as their opinions and feedbacks about the system.