



ABSTRACT

//The [study,] Automated Courseware on Algorithmic and Logic Formulation, envisions to enhance education by providing new approaches to learning. It focuses on the potential role of computer as a learning tool. It does not replace the role of the teachers in education but serves as an assistance to them. It acts as learning resources by providing students information on the subject matter. It helps students to cope with the lesson that they do not understand and have missed. It is a substitute for paper and pencil drill. ^{2/}The courseware provides drills to test the knowledge of the students. The greatest advantage of computer based drill is the ability to provide intensive, controlled opportunity for students. Many professors spend considerable time reviewing student worksheets but with the system professors will be provided with records of student performance without undergoing such tedious task. Each quiz or examinations taken by students are automatically checked by the computer and is recorded in the teacher's database. With this, teachers are relieved of some tasks of checking and recording grades. ^{2/}And because the system contains editing buttons for examination, teachers are given the chance to change or make their quizzes and examinations easier. They are also able to give different types of tests such as identifications, true or false, matching type and others.