

IMPROVEMENT OF SELF REGULATED LEARNING USING LEARNING MODULE TO INCREASE LEARNING ACHIEVEMENT

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ABSTRACT

Drafting competence using AutoCAD software is needed in building project. The basic competence of CAD courses is that students are able to draw residential houses using AutoCAD software. To improve the effectiveness of learning, it has been developed AutoCAD learning module. The research aim is to find the utilization strategy of AutoCAD learning module to improve learning independence. It is believed that learning independence can improve learning achievement.

This research uses research method of Kemmis & Taggart class model, which consists of four cycles: plan, action, observation, and reflection. The type of research data consists of quantitative and qualitative data. Collecting data technique are observation and documentation. Data analysis techniques use relative scores and reflection scores. The target of success is the average score of classical tasks greater than 80%.

The results of the study are: a) there are differences learning patterns on applying the concept of self-regulated learning with collaborative approach and individualistic approach, b) the application of self-regulated learning with collaborative approach is more suited to module-based CAD learning, c) the concept of collaborative approach in self-regulated learning can learning achievement

Kata Kunci: *learning module, self-regulated learning*