

A blended learning with social media in Computer-Aided Drafting courses

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ABSTRACT

This study aimed to determine the effect of the blended learning model with social media on learning outcomes of Computer Aided Drafting (CAD). The method used in this quasi-experimental study was a non-equivalent control group design. The research sample consisted of two groups, namely the control and experimental groups. The experimental group is treated by applying the blended learning model with social media in CAD courses, while the control group uses conventional learning methods. Data collection techniques used were observation, questionnaires, and documentation. The results of this study indicate that the blended learning model in CAD learning can be done face-to-face in the form of lectures, questions and answers, demonstrations and assignments, and online in the form of uploading teaching materials in the form of materials, sample videos, discussion forums, assignments, and assessment. Learning outcomes using the blended learning method with social media increased by 29.2%, and the average value was higher than conventional learning. The blended learning model with social media significantly affects CAD learning outcomes ($t = 7,06$ and $\text{Sig. } 0,000 < 0,05$).

Kata Kunci: *blended learning, social media, CAD*