DEVELOPMENT OF VIDEO LEARNING MEDIA FOR REINFORCEMENT MATERIALS IN CAD KBM 2 COURSE IN PTSP FT UNY

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ABSTRACT

This research was carried out to develop video learning media for the main construction material for simple-floor buildings in the Computer-Aided Design Building Construction and Drawing 2 (CAD KBM 2) course in the Civil Engineering and Planning Education Study Program, Faculty of Engineering, UNY. This research is a development research that applies the 4D model developed by Thiagarajan by defining, design, develop, and disseminate. The research aims to produce four (4) video packages for learning the main construction with reinforced concrete frames include of: 1) foundation plan and reinforcement detail, 2) plan of beams and reinforcement detail (beams and columns), 3) slabs plan and reinforcement detail, 4) planod stairs and reinforcement detail. The feasibility of the media was assessed by users using a questionnaire with a a 4-scaled Likert. The results of the assessment by users obtained a feasibility value of 3.33 for the material or media content aspect, 3.40 for the media/display aspect, and 3.38 for the usefulness aspect, with an average value 3.37 with the category "very decent".

Kata Kunci: *learning videos, building construction, reinforcement*