

UTILIZATION OF COMPUTER BASED LEARNING MEDIA TO IMPROVE COMPETENCE OF TEACHER MGMP MOTORCYCLE ENGINEERING

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ABSTRACT

Based on a survey conducted, more than 70% of SMKs that have motorcycle expertise programs do not yet have teachers who have motorcycle competency certificates. Teachers who teach at the Vocational School Skills Program more than 90% are teachers who have expertise in Motorcycle Engineering Technology. In addition, learning media used for the learning process of motorcycle theory more than 50% are learning media used for Motorcycle Engineering Technology (TSM) theory. Field of expertise and learning media that is not appropriate causes the quality of learning carried out also can not be optimal. Less than optimal quality of learning will cause the number of SMK graduates of the Motorcycle Skills Program to be absorbed in the world of work / industry.

The results of the media development carried out showed that the learning media of the fuel injection system, the water cooling system and the Motorcycle on the automatic matic injection motorbike using Adobe flash software had a level of conformity with the syllabus of 2.67 (appropriate) and aspects of independent learning 4.0 (very applicable to study independently) and have a score of 2.71 (feasible) by media experts. The learning media produced are expected to be disseminated to teachers who are in charge of motorcycle expertise programs.

The activity will be carried out at the end of the training activity on the use of Motorcycle computer-based learning media. Evaluation is done by analyzing the pre-test and post-test results of all participants in micro teaching activities and the level of participant satisfaction with the training program that is followed. In addition, the evaluation is also done by observing the learning process carried out by the trainees in class.

Kata Kunci: *learning media used for Motorcycle Engineering*