

DEVELOPMENT OF MULTIPLE INTELLIGENCE-BASED ONLINE LEARNING STRATEGY AS AN EFFORT TO INCREASE STUDENTS' COMPETENCY IN WELDING LECTURE

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ABSTRACT

This research is a follow-up study of the road map made for a period of 3 years, starting from 2020 to 2022. This research is a development of the results of previous studies that produced a map of intelligence, intelligence possessed by students, intelligence levels of students and measuring the relationship between the level of intelligence on the learning outcomes of welding lectures by students of the S-1 Mechanical Engineering Education Study Program, Faculty of Engineering, Yogyakarta State University. These results are then used as the basis for carrying out the development of online learning strategies during the pandemic as well as being able to improve student competence in welding lectures. The development of this learning strategy will eventually be implemented and evaluated for its effectiveness. The research method used is the survey method. Data collection techniques using observation sheets. The target to be achieved through this research is the development of multiple intelligence-based online learning strategies. The findings of this study are expected to be the embryo of the development of multiple intelligence-based online learning strategies and models for the Mechanical Engineering Education S-1 Study Program, Faculty of Engineering, Yogyakarta State University.

Kata Kunci: multiple intelligences, learning strategies, mechanical engineering, welding