

MENTORING & TRAINING OF MACHINERY & WELDING COMPETENCIES At SMK MUHAMMADIYAH 2 JATINOM

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ABSTRACT

This community service is part of the tri dharma of higher education that must be carried out by lecturers at Yogyakarta State University. This service, entitled Mentoring & Training of Machining & Welding Competence at SMK Muhammadiyah 2 Jatinom in 2021, aims to improve the knowledge, understanding, experience and competency skills of machining and welding teachers in SMK Muhammadiyah Jatinom Elementary and Secondary Education Council. The intended target audience is competency teachers in the field of Mechanical Engineering and Automotive Mechanical Engineering at SMK Muhammadiyah 2 Jatinom and SMK in the Muhammadiyah Jatinom Elementary and Secondary Education Council. The method used during the implementation of the service is the lecture method, question and answer, discussion, demonstration and practice, independent practice, guided exercise and ends with an evaluation. The evaluation of the mentoring and training activities was carried out at the beginning of the implementation using a pretest, during the process of implementing the activities using the product results and questions and answers and the evaluation at the end was carried out using the posttest concept using a questionnaire. The intended output is the publication of articles in community service journals.

Kata Kunci: *mentoring, training, machining, welding*