

LEARNING MODEL DEVELOPMENT FOR VOCATIONAL EDUCATION BASED ON INDUSTRY WORK CULTURE

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ABSTRACT

This study aims to: (1) examine the implementation of the industry work culture learning at the Mechanical Engineering Vocational Study Program of YSU; (2) conduct a mapping of the manufacturing industry work culture in Yogyakarta Special Region and Klaten regency based on clusters; (3) measure the relevance between the manufacturing industry work culture in Yogyakarta Special Region and Klaten regency and the work culture learning at the Mechanical Engineering Vocational Study Program of YSU. The data were collected through questionnaires, open interview, and direct observation. The research instruments were Likert-type scale with four alternatives and additional comment and suggestion sheets. After the descriptive statistical analysis was applied on the data, the study finds that: (1) the score of implementation of the industry work culture learning at the Mechanical Engineering Vocational Study Program of YSU is high with 3.22; (2) there are three industry clusters in Yogyakarta Special Region and Klaten regency, with different technology advancement levels of high, medium, and low; (3) the relevance levels between the work culture learning at the Mechanical Engineering Vocational Study Program of YSU and the manufacturing industry work culture in Yogyakarta Special Region and Klaten regency according to the clusters are reported as follows: 98% for cluster I, 102% for cluster II, and 131% for cluster III. While the overall results indicate very good relevance levels, when compared with the ideal condition of the preferred work culture, it only reaches 81%. In addition, there are two aspects that still need improvement, namely the Discipline and Innovativeness aspects.

Kata Kunci: *industry work culture, vocational education*