EVALUATING TEACHING INDUSTRY LEARNING AT DEPARTMENT OF MACHINING TECHNOLOGY SMKN 12 SURABAYA

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ABSTRACT

The concept of teaching industry is a learning to make students become ready with world of work, the world of work where they not only are required to reliably operate machinery, many technical tools, but also prosecuted to be able to make a product by means of a utensil machinery and the theory has been provided given when they at vocational high schools. And, One vocational high school is to be a pilot project of the implementation of teaching industry is 12 Surabaya Vocational High School, and the object research is done at the machining technique. The implementation of teaching industry is not optimal can be viewed from the last product worked by the students in the majors. And the thing that causes less optimal the last product worked by the students is due to less optimal the learning process done.

To know the learning process performed not work with optimal can be done by means of measuring the burden of work of the teachers to a lesson lab work are encumbering every teacher has been equally among with each other. Then measuring the ratio of learning the theory and lab work 70%: 30% so that it can be known with limit the coefficients of the ratio of learning each subject whether it has been appropriate or not based on. And the latter is in a calculating manner allocation use of machines that can be used every student. The less students alternately use of a machine the more optimal learning process.

Then measuring the technical factors non technique of distributing questionnaire of interest and talent and questionnaire of the interests of satisfaction students. The result of questionnaire is meant to find out how interest and talent for students against their experiences in the machining technique. If interest and talent compliance with the wishes of the students, then afterward measuring interests and satisfaction according to students to find out anything that makes factors is sated with the performances of students learning at the machining technique SMKN 12 Surabaya.

Keywords: Teaching Ratio, Teaching Industry, Student Interest and Talent, Student Satisfaction Student, Student Effectiveness.
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