

**THE INFLUENCE OF MASTERY PRODUCTIVE PROGRAMS AND INDUSTRIAL GUIDANCE TEACHER TOWARDS THE ACHIEVEMENT OBTAINED IN INDUSTRIAL WORKING PRACTICE ON DRAWINGS OF BUILDING ENGINEERING PROGRAM AT SMK N 2 YOGYAKARTA**

ABSTRACT

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This research aimed to know the effect of mastery productive programs and industrial teacher's guidance toward the achievement obtained in industrial working practice achievement on the drawing of building engineering program at SMK N 2 Yogyakarta in second grade of SMK N 2 Yogyakarta in academic year of 2010/2011.

This research is an Ex-Post Facto research. The sample of this research was 31 second grade students of engineering drawings of SMK N 2 Yogyakarta in academic year of 2010/2011 who had done the first periode of industrial working practice. The data collecting of the population for the work of the industrial teacher's guidance was using questioner of Likert scale with margin score of 1 to 4. Meanwhile to the variable of productive program achievement was using the document of report school grade from grade 1 to 2. 0 The variable achievement of industrial working practice also applied the documentation of industrial working practice grade which was written in the certificate of industrial working practice. The instruments validation questioner implemented items analysis using correlation formula "Product Moment" and the check reliability was using Alpha Cronbach Formula. Testing hypothesis was using correlation analysis product moment and multiple regression analysis which were done before test requirements analysis. It consisted of normalization, linearization, and multikolinierization.

The result stows that : (1). There was an significant influence to the achievement of productive program to the student's the achievement obtained in industrial working practice proved by correlation coefficient  $0,8,8 > 0,355$ ,  $P = 0,05$  with the effective contribution 24,9% and  $X_1 = 2,932$ . (2). There was significant influence between the work of industrial guidance teacher and the students' achievement obtained in industrial working practice, proved by correlation coefficient  $0,5932 > 0,355$ ,  $P = 0,05$  with the effective contribution of 0,2% and  $X_2 = 0,030$ . (3). There is influence significant between the productive program achievement and the work of industrial guidance teacher with the students' achievement obtained in industrial working practice with effective contribution of 25,1% and  $Y = -12,819 + 2,923X_1 + 0,030 X_2$ .

Keyword: *the productive program mastery, industrial guidance teachers work, the achievement obtained in industrial working practice*