

# **Qualifications of Vocational Competency Learning in the Expertise of Electronic Engineering at Vocational Schools in Yogyakarta City**

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## **ABSTRACT**

There are 80,771 students who are actively studying at SMK and 13,764 teachers are actively involved in the implementation of vocational learning at SMK. This figure is quite fantastic for a DIY area that is not that big. The question is how to maximize the process of providing learning experiences to 80,771 students so that they become middle-level workers who are competent at work. Vocational competency learning as competency-based learning has not been planned properly. In order to reveal learning problems in SMK, research is needed. This study aims: (1) Describe the level of qualification of the linkage of vocational competency learning in the field of Vocational Engineering Electronics in Yogyakarta City with the world of work; (2) Describe the qualification level of vocational competency learning orientation in the field of vocational engineering expertise in vocational schools in Yogyakarta with the world of work; (3) Describe the level of qualification of the connection of vocational competency learning in the field of vocational engineering expertise in SMK in Yogyakarta City with the world of work; (4) Describe the level of qualification of the integration of vocational competency learning in the field of Vocational Electronic Engineering expertise in Yogyakarta City with the world of work; (5) Describe the level of mastery of vocational high school teachers in the field of Electronic Engineering expertise on the basic principles and principles of effective vocational competency learning; (6) Describe the obstacles faced by SMK teachers in designing vocational competency learning. This research was conducted with a quantitative descriptive method through FGD with teachers to see the qualifications of learning that have been carried out in SMK. The data was collected through documentation of lesson plans and learning tools, as well as the results of the FGD.

Kata Kunci: *Vocational learning, Electronics*