

# **An Interactive Blended-Learning Model in Teaching Organization and Management of Technology and Vocational Education Course for Master Program of Vocational Technology Education**

**by Herminarto, Sofyan**

ABSTRACT

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Organization and management of technology and vocational education is a compulsory course in the curriculum of master program of vocational Technology Education (course code PTK 8202). This study aimed to 1) develop an interactive blended learning model and (2) implement this blended-learning model in the teaching of organization and management of technology and vocational education course as well as to 3) improve the quality of learning the course with the implementation of this blended-learning model, and 4) produce a blended-learning model ready to be published in a highly reputable national and/or international journal. The blended-learning model was implemented in the academic year of 2018/2019, with 16 student participants. Data were taken with questionnaires and structured interview. The results showed that organization and management of technology and vocational education is a compulsory course in the curriculum of master program of vocational Technology Education and a pre-requisite course for doctoral student who has not ever taken the course before. This blended-learning model enabled the students to access the learning materials via online anytime they need while still attending face to face learning (blended-learning). The learning materials were packed and could be accessed via be-smart such as research materials, presentation, discussion topics, journal review and literature. Learning through be-smart application could be easily and safely accessed via smart phone.

*Kata Kunci: Keywords: blended learning, technology and vocational education*