**INFORMATION ABOUT THE RESULTS OF THE RESEARCH**

Name of thesis: TEACHING BASED ON THE COMPYTENCY-BASED TRAINING TO IMPLEMENT THE ELECTRICAL INSTALLATION MODULE AT VOCATIONAL COLLEGES

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**1. Summary of the Thesis’s contend**

Teaching based on the competency-based-training to implement the Electrical Installation module at vocational colleges is considered as one of the educational approaches to develop capacity for learners. With the goal of determining the theoretical and practical basis for designing teaching content and organizing teaching based on the competency-based-training to implement the Electrical Installation module at vocational colleges, the thesis focuses on analyzing, synthesizing, general evaluating and building a theoretical framework on lesson content design and teaching organization based on the competency-based-training to practice at vocational colleges; proposes the process of organizing teaching based on the competency-based-training to implement the Electrical Installation module at vocational colleges; determine the objectives, contents, methods, forms, means, assessment criteria and conditions for organizing teaching and learning based on the competency-based-training to the implementation of the Electrical Installation module. On that basis, the thesis conducts surveys, analysis and evaluation of the current situation of teaching organization based on the competency-based-training to implement the Electrical Installation module at 05 vocational colleges in the Mekong Delta region. The thesis has applied and experimented with the process of organizing teaching at 05 vocational colleges to verify the reliability and effectiveness of the research results. The content of the thesis includes the following main parts:

**Introduction**: Presenting the reasons for choosing the topic, objectives, objects, subjects, research hypotheses, research tasks, limitations of research scope, selection of research methods, and identifying scientific and practical contributions of the thesis.

**Chapter 1**: Overview of research works related to the thesis in order to find the inheritance and gaps for research. The overall research results are the basis for determining the research direction and developing the theoretical framework of the thesis.

**Chapter 2**: Theoretical basis of competency-based-teaching at colleges, including basic concepts used in the thesis, clarifying some theories about the structure and content of the training program; teaching characteristics; teaching methods; teaching organization, assessment on teaching results based on the competency-based-training at colleges.

**Chapter 3**: The current situation of teaching Electrical Installation module based on the implementation of competency-based-training at vocational colleges, including: the current situation of students' performance capacity at vocational colleges; the current situation of teaching organization and assessment on teaching results of Electrical Installation module based on competency-based-training at vocational colleges; status of the feasibility of the process of teaching organization based on the 6-step practical method proposed.

**Chapter 4**: Proposal on teaching the Electrical Installation module based on the competency-based-training at the vocational colleges, including: Legal basis for building the program for the Electrical Installation module based on the competency-based-training at vocational colleges; Designing the content of the lessons of the Electrical Installation module based on the competency-based-training; organizing the teaching process of the Electrical Installation module based on the competency-based-training at the vocational colleges.

**Chapter 5**: Experimental results of research on teaching process of Electrical Installation module based on competency-based-training implemented at vocational colleges to verify the reliability and effectiveness of the process.

**Conclusions and recommendations**

**2. New contributions of the Thesis**

Along with the development of science and technology and the 4.0 industrial revolution, the structure of the workforce has changed as well as the requirements for knowledge, skills, and attitudes for workers, including: a large team of workers, technical and professional staff... and sets new requirements for vocational training.

In recent years, vocational training has promoted its great potential, directly contributing to solving human resource needs with the advantage of only requiring a much shorter training period than in most other fields of formal education.

However, the vocationally trained workforce still cannot meet the practical requirements of socio-economic development during the period of international integration. This raises urgent requirements to innovate vocational education in both program content and teaching methods to improve training quality. Vocational education mustassociate with the labor needs of society, graduates must meet the requirements of the labor market. Therefore, the important issue currently facing colleges is to develop and improve performance competency in learners to meet the needs of professional practice, which is an urgent issue. Thus, the thesis topic: "Teaching based on the compytency-based-training to implement the Electrical Installation module at vocational colleges" is necessary, topical, theoretical and practical for the major.

The thesis has made the following new contributions:

\*) Regarding theory: The thesis has systematized and determined the theoretical basis for teaching according to the competency approach to implement the Electrical Installation Module at vocational colleges, specifically: Building basic concepts; Determine students' performance competencyin the Electrical Installation Module; Determine the nature and characteristics of teaching according to the implementation competencyapproach; Build a teaching organization process according to the 6-step practical method; Evaluate learning outcomes in teaching according to the performance competencyapproach.

\*) Regarding practice: Based on the analysis and assessment of the current state of students' performance competency and the current status of teaching the Electrical Installation module according to the performance competency approach at vocational colleges, the thesis proposed the Electrical Installation Module program structure; has developed a process for organizing the teaching of the Electrical Installation module at Vocational Colleges according to the implementation competency approach; has elaborately built a profile of the content of the lessons; Through testing and experimentation, the thesis has evaluated the feasibility and effectiveness of teaching based on the competency approach for the Electrical Installation Module at Vocational Colleges.

*Ho Chi Minh city, May 11th, 2023*

**POST-GRADUATE**

Tran Chi Do