MINISTRY OF EDUCATION AND TRAINING HO CHI MINH CITY UNIVERSITY

OF TECHNOLOGY AND EDUCATION

THE SOCIALIST REPUBLIC OF VIETNAM Independence – Freedom - Happiness

Full name of postgraduate: Tran Chi Do Fellows code: 1622001

Professional: Pedagogics Course: 2016-2019

Name of thesis: Teaching based on the compytency-based-training to implement

the Electrical Installation module at vocational colleges

Main instructor : Assoc. Prof. Dr. Nguyễn Văn Tuấn

Sub-Instructor: Dr. Phan Long

ABSTRACT

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