

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