

Title : The Model of Vocational Education Management, High Vocational Certificate Farm Mechanics Program, Buriram College of Agriculture and Technology

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Abstract

Research subject The Model of Vocational Education Management, High Vocational Certificate in Farm Mechanics Program, Buriram College of Agriculture and Technology. It is research and development using a mixed methodology between quantitative research and qualitative research. Objectives

1) To study the conditions and the model guideline for Vocational Education Management, High Vocational Certificate in Farm Mechanics Program. Buriram College of Agriculture and Technology.

2) To create a model of Vocational Education Management, High Vocational Certificate in Farm Mechanics Program. Buriram College of Agriculture and Technology, Buriram

3) To experiment with a model of Vocational Education Management, High Vocational Certificate in Farm Mechanics Program. Buriram College of Agriculture and Technology

4) Assessment of the use of a model of Vocational Education Management, High Vocational Certificate in Agricultural Mechanics Program. Buriram College of Agriculture and Technology.

The research instrument was a condition study using 5-level estimation scale questionnaire of 70 items collected from a group sample of 77 people, which were obtained specifically.

A guideline was found by using an interview form with 8 persons with knowledge and experience related to vocational education management by interviewing 13 persons with knowledge and experience. The draft model was examined by discussion group of 13 experts. According to the model manual the experimental results were evaluated by using a questionnaire of 25 people and the model was assessed by 13 persons and experts in the model. Statistics were used to analyze the data using percentage, mean and standard deviation.

The results of the study of conditions and guidelines for the Vocational Education Management in the Duo Vocational Education System, High Vocational Certificate in Agricultural Mechanics Buriram College of Agriculture and Technology

The results of the study of the condition of Vocational Education Management in the High Vocational Certificate in Farm Mechanics, Buriram College of Agriculture and Technology.

1. The questionnaire, it was found that the overall average was at a high vocational certificate. When considering each aspect, it was found that all aspects had a high average level sorted from most to least, including (input),(Leadership Characteristic) and graduates, (Output-Outcome) and management (Process) respectively.

2. The results of the study of vocational management guidelines for the High Vocational Certificate in Farm Mechanics Program ,Buriram College of Agriculture and Technology with an interview It can be summarized as follows:

1) In terms of leadership qualities, it was found that they should have knowledge and competence have language skills academic leader have a vision. Truly interested in producing and developing manpower vocational education in Farm Mechanics and can communicate with the organization government and private agencies.

2) In terms of inputs, it was found that it should consist of learner, teachers, personnel, resources, technology budgets, media, equipment and establishment educational network cooperation (MOU) teachers in enterprises with specific expertise.

3) In terms of management processes, it was found that it should consist of course development teaching management personnel development planning process seeking cooperation quality control of the curriculum.

4) For graduates, it was found that it should consist of satisfaction of the establishment Graduation attributes communication language Responsibility, discipline, etc.

2. The results of the creation and experimentation of the Dual Vocational Education Management in Farm Mechanics Program, Buriram College of Agriculture and Technology. Summarized as follows:

The model created has 7 main components:

1. Vocational Manager Consists of sub-components:

1) Having knowledge in a specific profession (Knowledge)

2) Have the ability to communicate at the international level (Communication)

- 3) Fight.
- 4) Support.
2. The vision of the vocational administrator consists of:
 - 1) Vision.
 - 2) Leadership.
 - 3) Junction capability.
3. Inputs, planning, budgeting, media, technology, and buildings, consisting of
 - 1) Planning and Budget.
 - 2) Information and Technology.
 - 3) Building.
4. Input factors, learners and teachers consisted of:
 - 1) Learners.
 - 2) Teachers and teacher development.
5. Curriculum Development Management, teaching and elevation to excellence consists of:
 - 1) Curriculum development.
 - 2) Teaching and learning management.
 - 3) Elevation to excellence.
6. The dual vocational education system consists of:
 - 1) Establishments.
 - 2) Domestic educational institutions.
 - 3) Foreign educational establishments.
7. Graduates consisted of:
 - 1) The characteristics of the graduates.
 - 2) The achievements of the field of agricultural mechanics and educational institutions.
3. The results of the prototype experiment found that the opinions of the participants towards the model of Vocational Education Management, High Vocational Certificate in Farm Mechanics Program, Buriram College of Agriculture and Technology. 1st time (March 2019) overall had the highest average of satisfaction (=4.56). Farm Mechanics Learners and teachers at the highest level followed by inputs, planning, budgets, media, technology and buildings. And visionary professional executives, respectively. When summarizing the opinions from the participants in the 2nd time (March 2020), the overall average satisfaction level was higher than the 1st time at the highest level (=4.60).

Considering each component, it was found that the component with the highest average was the competency/input management component. Learners and teachers of Farm Mechanics at the highest level followed by inputs, planning, budgeting, media, technology, and facilities, including bilateral vocational education management, respectively.

4. The results of the assessment of vocational education management model, Farm Mechanics, Buriram College of Agriculture and Technology.

4.1 Summary of the assessment of the model of Vocational Education Management, High Vocational Certificate in Farm Mechanics Program Program, Buriram College of Agriculture and Technology found that the overall average was at the highest level (=4.66) . When considering the model assessment criteria, it was found that pass the suitability assessment criteria possibility with a mean greater than 3.50 and a standard deviation of not more than 1.00 for all components with suggestions that it should focus on developing students and graduates to have potential professional competence. Meet the needs of the agro-industrial labor market and can extend the success to the community and society in a sustainable way.

4.2 The students' academic achievement according to the model of Vocational Education Management. High Vocational Certificate in Farm Mechanics, Buriram College of Agriculture and Technology, from 20 students, with an average grade of 3.76, is in a very good level. Classified by subject categories as follows: Free Elective Courses Subject/Internships/Projects with a grade point average of 4.00, at a very good level. Professional Skills Courses Subject with a grade point average of 3.69, at a very good level Life Skills with a grade point average of 3.60, at a very good level and extracurricular activities pass all courses.

4.3 Student competency According to the opinions of teachers in the Duo Vocational Education System (DVT) and trainers in the establishment of the opinion that Students who have passed the training according to the model of Vocational Education Management, High Vocational Certificate in Farm Mechanics. Buriram College of Agriculture and Technology Overall, students have competency. At the highest level 4.67), and when considering each item, it was found that there was a group working in a good leadership and follower role at the highest level Have morals, ethics, honesty and public awareness at the highest level Have skills in the job assigned at the highest level.

4.4 Employment and further education of graduates of High Vocational Certificate in Farm Mechanics, Buriram College of Agriculture and Technology, 20 students,

found that 17 graduates who work in the enterprises, representing 85%, and 3 students who continue their studies with a bachelor's degree, or 15%.

Keywords: Model of Vocational Education Management, Duo Vocational Education and Farm Mechanics.