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The Development of Blended Learning - Based Basketball Coach Model for Physical Education Students of Thailand National Sports University (Lampang Campus)

Watchara Petclai

Faculty of Education, Institute of Physical Education Lampang

Abstract---The research subject is developing a basketball coach's skill model using blended learning for physical education students National Sports University Lampang Campus the objectives were 1) to study the problem condition and the need for developing a skill model of basketball coaches using blended learning for physical education students. National Sports University Lampang Campus 2) To create a model for developing basketball coach's skills using blended learning for physical education students National Sports University 3) To study the results of an experimental model for developing basketball coach's skills using blended learning for physical education students. National Sports University Lampang Campus The population is students in the field of physical education. Faculty of Education, National Sports University Lampang Campus, Year 4, Bachelor of Education Program Physical Education Faculty of Education, National Sports University Lampang Campus 76 students who passed the course in sports skills and teaching. The sample group was physical education students. Faculty of Education, National Sports University Lampang Campus, Year 4, consisted of 35 students by Purposive Sampling Technician. The tools used in this research were 1) a questionnaire on the development of a basketball coach's skills model using blended learning for students in the field. Gymnastics National Sports University Lampang Campus 2) A model for developing basketball coaches skills using blended learning for physical education students National Sports University and 3) an achievement scale of learners from learning according to the basketball coach's skill development model using blended learning for physical education students. National Sports University Lampang Campus The statistics used in the research were percentage, mean, standard deviation. and test statistics, hypothesis t-test.

Keywords---development, basketball trainer skills, blended learning.

Introduction

It is well known that the situation of the new coronavirus pandemic is not known. 2019 (COVID-19) has caused a lot of turmoil in all countries around the world, both economically. Public Health & Society Thailand, likewise, are affected no differently than the rest of the world. The new coronavirus 2019 (COVID-19) situation is becoming more serious. There is an increase in the number of cases every day and it is likely that the numbers will continue to rise (Nattaphat Chalermman, 2020). Therefore, the government has a policy to promote support for Thai people to have a good quality of life. Thai society is a society, moral, ethical, and the country can transcend the trappings of middle-income countries into developed countries. Supports the changing world now and in the future by making significant changes and affecting the education system. Thailand's socioeconomic system, therefore requires a national education plan. The main master plan for developing the country announced in the Gazette is a law enforced from October 1, 2016 to September 30, 2021. Develop people to be complete people. Disciplined, knowledgeable, skilled, creative, positive attitude, social responsibility, morality and ethics. Since the 9th Development Plan to achieve the integration of development in all dimensions in a reasonable way. To be affected. It's modest and has an immune system. Good risk management, a necessary condition for sustainable development with a focus on developing people to be a complete person. Thai society is a quality society. Create opportunities and have a place for everyone in society to live a good, happy and coexist well together. While the country's economy is growing steadily, quality and stable. The distribution of wealth thoroughly and fairly is an environmentally friendly growth. Maintaining biodiversity, community, life value Traditions & Culture. The Ministry of Education is the main agency in the education management sector to improve the quality of the people of the country. Recognize such significance Under the vision "Aimed at developing students to have knowledge and virtues, good quality of life, happiness in society" of the Ministry of Education's Education Development Plan No. 12 (2017–2021) (Ministry of Education, 2017).

In addition to the physical education program in basketball teaching according to the core curriculum, basic education. Buddhist Era 2008, and physical education teachers also played a promoting role in curriculum supplementary activities. By being a trainer for people with special abilities or people who are interested in basketball. Try to develop their potential as much as possible for victory in participating in basketball. There must be an important component, the performance of basketball trainers, as a behavioral feature that expresses the focus on organizing successful training activities in basketball. Athletic trainers are those who transfer knowledge, techniques and athletic skills to those who are trained to have knowledge and abilities in the sport. Although the word coach is close to the word teacher, which is rooted in the term "teaching", which refers to teaching, coaches are not only obliged to practice or practice, but rather interact in different dimensions rather than teachers, since coaches are the ones who play an important part in changing people's behaviors, shifting knowledge into the

practical sector. By virtue of psychology to motivate. Momentum is a reflection, including being a director or assigning directions and goals to those who are trained. In sports, coaches, besides conveying, The right knowledge of sports to athletes must also teach the rules, rules, manners, discipline, virtues to provide athletes with the knowledge and competence to be good people. Talented both physically and mentally. However, this is Sport pedagogy is not only a sports coach, but also has a wider meaning and a wide range of teaching, whether it is taught in athletes. Student Currently, there is a great need to modify the teaching methodology of the original. (Panu Kusolwong, 2015).

As a researcher, he is an instructor in physical education. Therefore, the Faculty of Education, National Sports University, Lampang Campus is interested in studying the development of basketball coaching skills models using Blended learning for students in physical education. National Sports University Lampang Campus. To prepare for the current COVID-19 situation and to improve the upcoming teaching activities to be used as a way to plan teaching activities that will allow instructors to transfer to learners of basketball training tactics while improving student achievement and maximum efficiency.

Purposes of research

- To study problem conditions and the need to develop basketball trainer skills models using blended learning for physical education students. National Sports University Lampang Campus.
- To create a model of developing basketball coaching skills using blended learning for physical education students. National Sports University Lampang Campus.
- To study the results of the trial of the basketball trainer skills development model using blended learning for students in physical education. National Sports University Lampang Campus.
- To study students' satisfaction with the development of basketball coaching skills models using blended learning for physical education students. National Sports University Lampang Campus.

Scope of research

Population

The population used in this research was undergraduate students in the fourth year of the Bachelor of Education Program in Physical Education. Faculty of Education, National Sports University, Lampang Campus, Semester 1, academic year 2021, passed sports skills and teaching courses and sports judging academics, 95 people

Sample

It can be divided into 2 groups as follows:

- The samples used to respond to the study questionnaire for the necessary conditions and needs were undergraduate students in the fourth year of the

Bachelor of Education program in Physical Education, Faculty of Education, National Sports University, Lampang Campus, who have completed sports skills and teaching courses and sports judging academics, 76 persons. This determines the size of the sample that uses formulas. When the level of statistical significance is .05 (Yamane, cited in Itthipat Suwatanpornkool, 2019, 170-173) and obtained by simple sampling (Sample Random Sampling Technic) with raffle method.

- The samples used to experiment with basketball coaching skills using blended learning were 35 undergraduate students in the fourth year of the Bachelor of Education Program in Physical Education, Faculty of Education, National Sports University, Lampang Campus, registered for basketball training tactics, semester 1, in the 2021 academic year, by Purposive Sampling Technic.

Variable scope

- Independent variables include a basketball trainer skills model using blended learning for physical education students. National Sports University, Lampang Campus.
- Dependent variables include
 - 2.1) The results of the development of basketball coaching skills patterns using blended learning for physical education students. National Sports University Lampang Campus based on,
 - Knowledge of basketball trainers, basketball trainers and sports science, warm-up and physical fitness of athletes basketball skills training, teaching principles and techniques, how to practice a basketball team, collecting and testing athletes, managing and preparing strategies before and during competitions.
 - Skills to become a basketball trainer, basketball skills training, teaching principles and techniques, how to practice a basketball team, collecting and testing athletes, managing and preparing strategies before and during a match.
 - 2.2) Student satisfaction with the development of basketball coaching skills models using blended learning for physical education students National Sports University, Lampang Campus.

Length of time for collecting information

This research Conducted in semester 1, academic year 2021, 15 weeks, 3 hours a week, excluding pre-school and post-study tests. Time spent trying out the usual class time.

Findings

- Teaching and learning management conditions It was at a moderate level, ie in the aspect of instructional planning and design. In teaching and learning activities in terms of measurement and evaluation, the low-level aspect was media and learning resources, teaching and learning management problems. At the highest level was the planning and instructional design. In

teaching and learning activities Regarding media and learning resources, the high-level aspect was the objection of measuring and evaluating the guidelines for teaching and learning activities. at the highest level in all aspects is the planning and design of teaching and learning activities Teaching activities in media and learning resources Measurement and Evaluation

- A model for developing basketball coach's skills using blended learning for physical education students National Sports University Lampang Campus consists of elements 1) Principle 2) Objective 3) Content 4) Teaching and Learning Activities and 5) Measurement and Evaluation There are 4 steps: 1) awareness 2) planning 3) supervision and 4) supervision. The evaluation of the appropriateness of the teaching and learning style was at a high level, with an average of 4.21 and a deviation from the standard of 0.45.
- An experiment on a model for developing basketball coaches skills using blended learning for physical education students National Sports University Lampang Campus The students in the experimental group were taught with a basketball trainer skill development model using blended learning after school was statistically significantly higher than before at the .01 level, and the experimental students were also taught. The developed basketball trainer skill development model using blended learning developed a higher mean percentage of basketball coach's knowledge and skills using blended learning after school. The assessment was defined as 75% with statistical significance at the .01 level.
- To study the satisfaction towards developing a basketball coach's skill model using blended learning for physical education students. National Sports University Lampang Campus Overall, it was at a high level ($\bar{X} = 4.37$, S.D.=0.56).

Discussion

As a result of the problem condition and the need to develop a basketball coaching skills model using blended learning for physical education students. National Sports University Lampang Campus, with moderate inclusion ($\bar{X} = 2.77$, SD = 0.66). On a case-by-case basis, the highest average verses are that the content is suitable for the development of basketball coaching skills models using blended learning ($\bar{X} = 2.86$, SD = 0.66) is moderate, second only to the content of the learning activity series, the development of the skills model basketball coaches can use in everyday life. ($\bar{X} = 2.83$, SD = 0.66) is moderate. The lowest average score is that the content is sorted from simple to rare ($\bar{X} = 2.54$, SD = 0.60) moderately, in line with Phutsit Boonthongtheng (2014, 42-43). The methods and conditions that will cause human learning that are generally accepted. Learning theory has a big influence on teaching and learning because it guides the design of teaching and learning for students to achieve the highest level of learning. In recent times, there have been efforts by thinkers. Educators involved in creating learning theories to explain the doubts associated with learning. Such efforts create a wide range of branching cognitions, becoming a system of knowledge, or a branch of science called learning psychology. It has been applied to improve the quality of teaching and

learning as a fundamental factor in teaching and learning that is of great importance.

The result of the creation of a model of development of basketball coaching skills using blended learning for physical education students. National Sports University Lampang Campus appropriates for the plan of the development of basketball coach skills using blended learning for students in physical education. National Sports University, Lampang Campus. Overall, it is very appropriate ($\bar{X} = 4.16$, $SD = 0.37$). The activity stage is sequential and continuous ($\bar{X} = 4.60$, $SD = 0.53$). The most appropriate sections have the highest average: sorting the elements of the event plan. It is suitable, easy to understand. Elements within the plan are consistently related. The content corresponds to the purpose of the vehicle, leading to the fulfillment of the intended purpose, and the learner participates in the measurement and evaluation. ($\bar{X} = 4.40$, $SD = 0.53$) The results of the study of student satisfaction with the use of warm-up patterns to enhance physical fitness For students in physical education, Faculty of Education, National Sports University, Lampang Campus found that the overall level ($\bar{X} = 4.37$, $S.D.=0.56$), this corresponds to Keeves (Keeves, 1988, referred to in Pisit Thepkraival, 2011, 21) discussed four broad principles to direct the creation of patterns: 1) the model should be made up of more structured relationships. Conventional linear relationships, however, conventional 8-line connections are also useful, especially in early research studies of pattern development 2) The format should be used as a guide to forecast the consequences of using the model, it can be verified by observing and finding support with empirical information 3) The pattern should indicate or point out the logical mechanism of the subject studied, so unless the pattern is a prophecy tool, the pattern should also be used to describe the phenomenon 4) In addition to the features mentioned above. The format should be a tool for creating new manoeuvres and reconstructing variable relationships in a new way.

Trial results of basketball coaching skills development model using blended learning for physical education students National Sports University Lampang Campus The experimental students were taught with a model of developing basketball coaching skills using blended learning after classes, statistically significantly higher than before classes at .01. And the experimental students, who were taught with a basketball coaching skills development model using improved blended learning, had an average percentage of basketball coaching and skills scores using blended learning after class, statistically significantly above the required assessment threshold of 75 percent at .01. And Graham (2012, p. 116) conducted a study on the effects of blended learning on students' motivations at public and private universities Collect data using questionnaires by a sample of students at public and private universities, 2 groups. The results showed that blended teaching makes students more enthusiastic about learning. There are more motivations and admission rates and increased interest in studying. Academic performance from blended public teaching is higher than that of private sectors. Students with basic technological knowledge study better than drug warlords with low basic knowledge. Special knowledge can be created in both

books by studying online. Learners are more satisfied with blended-use teaching methods than regular exams and are more enthusiastic about their studies.

Based on the results of the study of students' satisfaction with the basketball coaching skills model using blended learning for physical education students. The National Sports University, Lampang campus found that the overall level ($\bar{X} = 4.37$, $S.D.=0.56$) shows that students in physical education, faculty of education, national sports universities, Lampang campuses, who learned using the basketball trainer skills model using blended learning for students in physical education. National Sports University Lampang Campus Satisfaction with basketball coaching skills model using blended learning for physical education students National Sports University Lampang Campus at a very high level. This may be due to the skill model of basketball coaches using blended learning for physical education students. The National Sports University, Lampang campus offers training from easy to rare. To attract the attention of students. No boredom. This allows students to perform the sub-skills of basketball trainers. Students are determined to learn and are satisfied with the basketball instructor skills model using blended learning for physical education students. National Sports University Lampang Campus and to integrate teaching and learning with research in the subject 041106 basketball training tactics in line with the research of (Yingjie Zhang, Yuping Wang, Jiangang Cheng, 2018) can achieve more learning objectives of the physical education curriculum. By measuring and evaluating the results with the knowledge, attitude and skills analysis, which is consistent with the purpose of learning Bloom, which is divided into three areas: Buddhism, mentality and range skills, so basketball courses, which are important physical education courses by studying the specific content of measuring and evaluating the outcome of learning, result in effective blended learning for the university basketball curriculum.

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