

## **The Developing Of Basketball Trainer Skill Model Using Mixed Learning For Students In Physical Education, National Sports Universities, Lampang Campus**

**Watchara Petclai**

Faculty Of Education, Institute of Physical Education Lampang

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### **ABSTRACT**

The Developing of basketball trainer skill model using mixed learning for students in physical education, national sports universities, Lampang Campus aims to develop basketball trainer skills models using mixed learning for students in physical education. National Sports University Lampang Campus Examples include students in physical education, Faculty of Education, National Sports University, Lampang Campus. Purposive Sampling Technic passed 90 skills and sports teaching courses. The tools used in this research include questionnaires of the Developing of basketball trainer skill model using mixed learning for students in physical education, national sports universities, Lampang Campus. It found that the model of developing basketball coaching skills using mixed learning for physical education students was found to be a model of skills development. The National Sports University Lampang Campus consists of elements 1) principles, 2) objectives, 3) content, 4) teaching activities, and 5) measurement and evaluation. There are 4 stages: 1) awareness, 2) planning, 3) supervision, and 4) evaluation.

**Keywords :** Development / basketball trainer skills / Mixed learning

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### **BACKGROUNDS AND IMPORTANCE OF THE STUDY**

There is currently a crisis facing the country. COVID-19 is contagious by coughing, sneezing or secretions from patients. Caused by coronavirus, most infected people have no symptoms or few symptoms. A small minority is violent. Symptoms of the disease are usually the upper respiratory tract. If it is much, there will be symptoms, usually in the lungs. Adults are found to be more developed than children, people who are severe, usually elderly and with chronic diseases, with mortality rates found in 2-3 percent of all patients, there is no direct cure, but antiretroviral drugs are used. The way to prevent the disease from using the principle of prophylaxis at the source of the disease, the pass is to maintain distance and the recipient by maintaining hygiene and wearing respiratory protective equipment, and there is no vaccine against the disease (Chakrabarti Siribrirak and Somjit Pruksaritanon, 2020). Education is an important process for developing human resources to achieve a quality population that will be a force for the development of the country economically. Society and politics are aligned and suitable for the internal and external environment of the country, as well as having leadership qualities, wisdom, morality, ethics, and the potential for self-development and society. Have professional abilities and be a force for the development of the country in the future. In order for education to develop quality domestic population attributes, extensive, equitable and fair education should be held. There is a wide

range of content formats and methods, which each person can use for the opportunities available to choose from according to their aptitude. Ability, needs and interests to develop their potential properly (Ministry of Education, 2017)

The 17 national sports universities are offered according to the Graduate Studies Program in Physical Education (5-year program). The 2017 Revised Course is included in basketball skills and teaching courses. Basketball Judging Courses and Training Tactics and Basketball in the Bachelor of Education Program in Physical Education, Faculty of Education, which is a sports course in the elective major section of the student in physical education. The Faculty of Education, National Sports University, Lampang Campus is a course where students in physical education must choose to study the subject. Pol 041106 basketball training tactics, which are considered to be important team sports because basketball courses are classified in middle school and are one of the most popular international sports. There are many common learning management practices and it is generally accepted that there is no learning management model that is the best. Because each format is suitable for use in different contexts. This created the concept of integrated learning management as a guide to integrated learning management for the most successful approach to enhanced learning management (Boonpong Tumthong, 2013).

Mixed learning is a form of teaching that is commonly used in learning, including training in today's era of the information society, which is characterized by a combination of face-to-face learning patterns and computer mediated learning for a wide range of knowledge and learning. Currently, the combination teaching model is used to manage higher education, as several research studies indicating the effectiveness of mixed learning materials have found that as an appropriate model, learners can learn theoretical content online anytime, anywhere, review content at any time and learners can spend time studying practical content hours. Competency or skills training to give learners more time to take hands-on lessons. Encouraging students to be 21-century learning figures, innovation and educational information technology are essential. Teachers must have the knowledge, understanding, practical skills and good attitudes, as well as the basic competence and competence of innovation and educational information technology needed for education, opt-in select reject, access to knowledge. Until the application is creatively useful, teachers must develop their teachers' ability to manage a mixed learning by using technology to provide teaching and learning with traditional teaching activities. To effectively strengthen students' assertive performance (Panu Kusolwong, 2015).

Therefore, investigators are interested in studying the development of basketball coaching skills models using mixed learning for physical education students. National Sports University Lampang Campus to optimize upcoming teaching activities to guide the planning of teaching activities that will allow instructors to transfer to learners of basketball training tactics while improving student achievement and maximum performance.

#### **PURPOSES OF RESEARCH**

To develop a basketball coaching skills model using mixed learning for physical education students.  
National Sports University Lampang Campus

#### **SCOPE OF RESEARCH**

**Sample**

The samples used to respond to the study questionnaires for the necessary conditions and needs were undergraduate students in the fourth year, Bachelor of Education programs in Physical Education, Faculty of Education, National Sports University, Lampang Campus, who have passed sports skills and teaching courses and sports judging academics, 90 people. This determines the size of the sample that uses formulas. When the statistical significance level is .05 (Yamane, cited in Itthipat Suwatanpornkool, 2019, 170-173) and obtained by sample random sampling technic by raffle method.

### **Content**

The content used in this research is derived from the analysis and the synthesis schedule of content to develop a basketball trainer skill model divided into 7 units as follows:

Unit 1: Knowledge of Basketball Coaches

Unit 2: Basketball Coaches with Sports Science

Unit 3: Warming and Physical Fitness of Athletes

Unit 4: Teaching Principles and Basketball Skills Training Techniques

Unit 5: How to practice a basketball team

Unit 6: Collecting and testing athletes

Unit 7: Managing and preparing strategies before and during the competition

### **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.

### **Expected benefits of research**

- 1.The Developing of basketball trainer skill model using mixed learning for students in physical education, national sports universities, Lampang Campus
- 2.Framework for integrated learning management process for physical education students
- 3.It can guide improvements to other sports courses.
- 4.Other campuses can adopt a basketball coaching skills model using mixed learning.
- 5.Students apply their basketball coaching skills to the teacher profession.

### **Findings**

The model of developing basketball coaching skills using mixed learning for physical education students. The National Sports University Lampang Campus consists of elements 1) principles, 2) objectives, 3) content, 4) teaching activities, and 5) measurement and evaluation. There are 4 stages: 1) awareness, 2) planning, 3) supervision, and 4) evaluation. The suitability of the teaching style is very high. It averaged 4.21 as standard benchmark 0.45 by experimenting with a basketball trainer skills development model using mixed learning for physical education students. National Sports University Lampang Campus. Experimental students were taught with a model of developing basketball coaching skills using mixed learning after study, statistically significantly higher than before classes at .01, and experimental students who were taught with a basketball coaching skills development model using improved mixed learning had an average score of percentage of basketball coaching and skills using mixed learning after

studying, statistically significantly above the required assessment threshold of .01 percent at .01 percent, as show in the table 1.

**Table 1:**Average, standard deviation, suitability of the event plan.

<b>Assessments</b>	<b><math>\bar{X}</math></b>	<b>S.D.</b>	<b>Level</b>
1. Define the elements of an event plan (overview)			
1.1 Define the elements of the plan completely, covering the necessary needs.	4.20	0.45	high
1.2 Sorting elements of the event plan It is suitable, easy to understand.	4.40	0.55	high
1.3 The elements within the plan are consistently related.	4.40	0.55	high
1.4 The name of the plan activity is appropriate.	4.00	0.00	high
1.5 Composing and using the language in the plan is appropriate and easy to understand.	4.00	0.00	high
2. Elements of the request for the plan (each component)	4.20	0.45	high
2.1 Essence			
2.1.1 The essence is appropriate; it can demonstrate the importance of the event plan.			
2.2 Purpose			
2.2.1 The purpose of the Plan is consistent with the purpose of the model.	4.20	0.45	high
2.2.2 The purpose is clear; it can represent what is intended for the learner.	4.20	0.45	high
2.2.3 Purpose is a possibility of practicality.	4.40	0.55	high
2.3 Content			
2.3.1 Content in accordance with the purpose of the vehicle leads to achieving the intended purpose.	4.40	0.55	high
2.3.2 Content is suitable for learners.	4.00	0.00	high
2.4 Organizing events			
2.4.1 Sequential and continuous activity stages.	4.60	0.55	highest
2.4.2 Defining the implementation of activities according to the stage is clear, it can be conveniently implemented.	4.00	0.00	high
2.4.3 The implementation of activities has allowed participants to participate in the activities.	4.40	0.55	high
2.4.4 Each stage of activity is covered in accordance with the form of events.	4.00	0.00	high
2.4.5 The time required for the event is appropriate.	4.00	0.00	high
2.5 Media/Equipment			
2.5.1 Clearly defined media items, leading to easy and convenient preparation.	4.00	0.00	high
2.5.3 Samples of media are prepared appropriately, convenient for use.	4.00	0.00	high
2.6 Measurement and evaluation			

Assessments	$\bar{X}$	S.D.	Level
2.6.1 Measurement and evaluation is consistent with the purpose of the model.	4.00	0.00	high
2.6.2 Measurement and evaluation is consistent with the purpose of the plan.	4.00	0.00	high
2.6.3 Use measurement methods suitable for the behavior you want to measure.	4.00	0.00	high
2.6.4 Learners participate in measurement and evaluation.	4.40	0.55	high
2.6.5 Clearly prepared measuring instruments can be used conveniently.	4.00	0.00	high
<b>Average total</b>	<b>4.16</b>	<b>0.37</b>	<b>high</b>

**Discussion**

The result of the development of basketball coaching skills using mixed learning for physical education students National Sports University Lampang Campus appropriate for the plan of the development of basketball coach skills using mixed learning for students in physical education. National Sports University Lampang Campus. Overall, it is very appropriate. On a case-by-side basis, it was found that the most appropriate aspect was the events. The stage of activity is sequential and continuous. 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.

The results of the trial of the basketball trainer skills development model using mixed learning for physical education students. National Sports University Lampang Campus The experimental students were taught with a model of developing basketball coaching skills using mixed learning after classes, statistically significantly higher than before classes at .01.and the experimental students who were taught with a model of developing basketball coaching skills using integrated learning developed had an average score of percentage of basketball coaching abilities and skills using mixed learning after studying statistically significantly above the required assessment threshold of .01 percent, and also in line with the research of Sai chon Jinjo (2007). The field of business computing has a format that includes: Interactive lectures, guiding, teaching,computer-assisted teaching through networking, and participatory teaching over computer networks 2) Expert opinion on mixed teaching style The appropriate aspects of the organized style created are at the highest level, the consistency of the format with the learning management process created at the highest level, computer-assisted lessons taught over the network, according to the integrated teaching style, effective according to the E1/E2 criteria 3) The academic achievement of the experimental group based on the t-test distribution showed that the group had a higher post-study score than the previous score. Study statistically significant at .05 levels4)The experimental group was satisfied with mixed teaching, consisting of interactive lecture teaching, guidance instruction, computer-assisted teaching through computer networking. Engaged teaching over a computer network is very high,and 5) The academic permanence of the trial group achieved academic achievement, according to the specified criteria. In conclusion, the evolving mixed teaching style can be applied appropriately.

## **SUGGESTION**

### **General Suggestion**

1. To organize teaching activities using the teaching style, the basketball trainer skills model using mixed learning. There are several steps that take quite a lot of time to complete activities. This can sometimes incomplete the event because there is not enough time. Instructors should advise students to use this training kit to practice additional basketball skills part-time.
2. To learn using the development of patterns Instructors should take care of students closely. Develop students individually so that they can correct student errors.
3. In skill training, instructors should tell flaws and provide feedback on skills that students have not yet been made. As well as compliments for encouragement when students can or have improvements to deficiencies and be able to perform their skills better.

### **Suggestion For Next Research**

1. There should be an education on basketball coaching skills training techniques using a combination of teaching styles to give students the opportunity to further improve their basketball coaching skills.
2. The basketball trainer skills model should be applied using mixed learning to trial in other physical education courses.

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