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Qualitative requirements for physical education teachers to practice modern teaching at Thai Nguyen University of technology

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Abstract

Recognizing outstanding advantages of modern teaching method, the Vietnamese government is determined to bring this approach into the education sector as part of the educational innovation. Modern and traditional teaching methods have its own differences that would either improve or hinder good quality education. This study will analyze the requirements for physical education teachers to apply modern teaching method at Thai Nguyen University of Technology in an effective manner and suitability for real conditions.

Keywords: Physical education, modern teaching, analyze, requirements

1. Introduction

Modern teaching-centered learning methods have spread over the world for a long time. In Vietnam, it is still new because of the influence of traditional methods teaching. To integrate with the trend of the global and to adapt with the demands of the current times, modern teaching had been encouraged and used in education and training process systems for about 10 years. There are particular and specific difficulties with regard to facilities, people and training process. Physical education program at Thai Nguyen University, also, is no exception so this research will study the way to apply modern teaching methods in the university.

Education in tradition is the way teachers, who transfer knowledge as the center of teaching and learning, control learning process. As stated by Abdullah Kuzu "At traditional teaching, Teachers serve as the source of knowledge while learners serve as the passive receivers" (Kuzu *et al.*, 2008) [5]. Traditional teaching focuses on transmitting scientific knowledge according to the curriculum specified in the curriculum, the contents of the respective specialized sciences, focusing on equipping students with objective scientific knowledge content in many other fields, that is an emphasis on learning outcomes focus instead on the development of core generic skills (Blackie *et al.*, 2010) [1]. However, the orientation of the program has not fully focused on the learners' subjects as well as the ability to apply knowledge learned in practice. In contrast, modern education has learners as the center of teaching activities (Mihyar Hesson, Kaneez Fatima Shad *et al.*, 2007) [3]. Learners cultivate their learning through activities that involve them in gathering information, thinking, and problem solving. The modern method, mentally and often physically, it demonstrates effectiveness for students in the new era, when knowledge is changed and becomes backwards quickly, model teaching prepares for a lifelong learning. Learner-centered teaching is an approach in which students have control over learning process. Students function as the facilitators of learning rather than lecturers. In this way, teachers do less telling and students do more discovering. The roles of the teacher are to design the course to its optimal learning capacity, encourage students to learn from and with each other, and provide more feedback through process (Endang Darsih *et al.*, 2018) [2]. Students' learning takes place under the direction of teachers to master knowledge, skills, develop cognitive abilities, form worldview, make students learn, ask questions so they will understand and know, turn into self-training, their learning must be based on the teaching. On the other hand, it must be the active self-discipline and self-reliance of the students.

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The traditional method teachers use presentations and demonstrations normally, as the pedagogical and administrative demands on teachers have become increasingly diverse, an alternate approach to traditional teaching practices has acquired growing recognition (Meyer, and Land Et el 2005) ^[4], modern teaching teachers use diversity methods for students in learning lesson for students (Renata Holubová *et al.*, 2010) ^[6].

1. Project based learning, learners receive important skills by doing actual projects.
2. Problem- Based learning, a process of inquiry owned by student.
3. Consensus Decision- Making, a group decision-making process.
4. Brainstorming, a group creativity technique designed to generate a large number of ideas for solution of a problem.
5. Mind map, A visual method.
6. Heuristic methodology, learning by discovering.
7. The effectiveness of Lectures with Interactive activities, feedback information from learners.

These methods make learners participate deeply on learning process and learning by joining in the lesson. One of the outstanding features of modern teaching is Multiple Media and Information Technology using and impacting on teaching and learning process, such as E-learning or online teaching. Technology plays an important role and with the most preference. Teachers can teach students with more depth and efficiency (M. Vijayalaxmi *et al.*, 2019). By taking advantage of the power of information technology to help learners refer, observe visually, help simulate the structure, process, or explain thoroughly, learn by different methods, more vivid, easier for learner thereby refining and acquiring deeper and broader than the knowledge to learn”, Especially at current period when Covid19 pandemic rose, online teaching became more necessary for students in learning safely, even though that is the main method for teaching.

Thus, modern teaching, learner-centered teaching is very useful, has different and many advantages compared to traditional teaching, but has higher requirements for teachers to have competencies, other is to bring about effectiveness and implement the features of modern teaching.

Physical education is a specific subject where teaching and learning activities mainly take place on the field or gymnasium, the commonly learned contents are sports activities, sports competitions where the media. There is little chance of application or if the facilities in Vietnam are not met, so this article discusses what the requirement is for physical education teacher to do well on modern teaching method.

2. Method

To do this research, the main method we use is to interview the experts and students at Thai Nguyen University then collect and synthesize answers. There are two types of question. Firstly, for teachers, experts, and managers; on what are the necessities for physical education teachers to perform modern teaching, Secondly, for students to answer the question “What do you expect for physical education teacher at your class.”

3. Result and Discussion

The purpose of pedagogical work of sports teachers in schools must firstly be in line with the pedagogical characteristics of

the teachers, in order to contribute to comprehensive education for the young generation, on the other hand, That goal is governed by the specificity and relative independence of the physical education field, the purpose of the pedagogical work of the physical teacher is to equip the learners with the necessary knowledge and skills to protecting, enhancing and perfecting students physically and mentally, contributing to the formation and development of awareness, self-care habits and especially the formation of regular self-practice sports habits.

Physical education is also human objects, products are also human, it is clear that the purposes, tasks, methods, means, and forms of teaching are regulated and governed by the Social factor, implemented in the form of person-to-person relationships, shows the importance of personality in improving the quality of education and training.

Pedagogical capacity is the necessary knowledge, skills, attitudes, which are skillfully combined inseparably to perform tasks and work according to set standards under certain conditions.

4. Knowledge

Present and apply laws and nature of psychological phenomena, increase motivation and enthusiastic of the students to promote learning and improve their ability to learn independently (Endang Darsih *et al.*, 2018) ^[2], the rules and logic law, teaching and educational processes; management problem to training programs in schools to effectively organize teaching and educational activities, Strong theoretical knowledge, grasping the entire technical classification system of sports and a deep understanding of the sport, knowledge of sports from warm-up, complementary, and prevention trauma, post-traumatic rehabilitation exercises, nutrition regimen, rules of formation and development of body morphology skills, constantly updating new revised laws, understanding teaching principles, technical training - individual and team tactics, grasping the physical training methods and detecting young talents for the training process.

1. Apply technology and teaching facilities, exploit effectively and fabricate facilities for teaching.
2. Presentation of scientific research methods for available research effectiveness of issues in sport for educational and training process.

5. Skills

1. Include capacity to design teaching, capacity to conduct teaching, capacity to test and evaluate learning results of learners, capacity to manage teaching process.
2. Requirements for training level, mastery and good visualization of basic technical movements, ability to participate in sports competitions in at least facilities, motivation for learners to pursue the beauty of the subject.
3. Deploying the innovation of teaching methods in the direction of activating cognitive movement of learners, Physical education is mainly in the field, so the use of information technology is not feasible, the use of information technology means only serves as the provision of reference materials. Refer students to participate more actively in the lesson, using them wisely will inspire learners by the attractive content and beauty of the lessons.
4. Exploit effectively and manufacture single teaching facilities

5. Simplified service for teaching.
 6. Capable of teaching and coaching young sports teams, capable of participating in referees and organizing sports tournaments.
 7. Ability to plan and curriculum - train for the teaching and training of athletes.
 8. In addition to the knowledge of sports expertise, general social knowledge is essential, teachers must be able to work independently and present well, know how to organize and manage group activities effectively, know how to use a combination of skills in communicating presentations, negotiating, asking questions, responding to questions of learners, flexibly applying between situations in learning and solving reasonable pedagogical situation, as a teacher needs to understand the psychological characteristics of the learners, what they need, what they want, Motivation of female in practicing have been influenced by male environments make them effect on the way of practicing. Girls are attracted by the social opportunities that sports provide (Sirard *et al.*, 2006) ^[8], how capable the student is, leading to the challenge that they can afford, create excitement for learners, in physical education, it's easy to do because competition is always exciting. External competition can add excitement and enjoyment to sports. (Stacy Warner & Marlene A. Dixon *et al.* 2013), avoid depressed psychology for learners.
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6. Attitude

1. Demonstrating the teacher's ethics and manners; love teaching profession; have ideal job, for physical education, the application of modern teaching theory to teaching is not difficult, but it also depends on whether the teacher strictly implements modern educational theory or not. a passion for the profession is an essential requirement.
2. Grow up in learning, cultivate and perfect yourself, continue to study
3. Raise qualifications at higher levels in accordance with the training major.
4. Constantly training professional pedagogical ability.

7. Conclusion

Modern teaching is different and more effective than traditional teaching, and in order to successfully implement this modern method, the teacher's role is very important, requiring special qualities. That in this article has given the necessary criteria of each physical teacher needed to perform in educational activities at Thai Nguyen University of Technology.

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