

Review Article

Applying Modern Teaching Methods and Techniques in Teaching to Meet Output Standards for Social Sciences and Humanities at the Telecommunications University – Vietnam

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Abstract: Modern teaching methods and techniques are ways of combining teaching methods and techniques with the use of information technology equipment to promote the positivity, initiative and creativity of learners, contributing to improve the quality of education. Applying modern teaching methods and techniques in teaching social sciences and humanities to meet output standards must closely follow standard of knowledge, autonomy and responsibility.

Keywords: Modern teaching methods; Modern teaching techniques; Output standards for social sciences and humanities.

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1. GENERAL OVERVIEW OF MODERN TEACHING METHODS AND TECHNIQUES

Modern teaching methods and techniques are also known as active teaching methods and techniques. They appeared in the late 20th century and originated in Western countries. In recent years, these methods and techniques have become more and more popular in countries around the world, including Vietnam. Modern teaching methods and techniques aim to train learners to be active in thinking, reflecting and acting. In modern teaching methods and techniques, teachers only play the role of guiding, suggesting, organizing discussions and debates for learners. Therefore, learners can be proactive in searching for information, accumulating experience, practicing judgment and being more confident in each lesson [3, 4].

Modern teaching methods are ways and measures of unified coordination between teachers and learners to highly stimulate learners' positivity and initiative to achieve the most effective teaching goals. Besides modern teaching methods, there are modern teaching techniques. Modern teaching techniques are actions performed by teachers and control the teaching process to promote learners' positivity and creativity. Teaching techniques are not independent teaching methods but components of teaching methods [3, 4].

Modern teaching methods and techniques have the following advantages: Teachers will only provide necessary knowledge, concepts and methods; learners actively practice skills and solve problems to improve learning efficiency, be proactive in thinking to achieve good results; learners are exposed to active teaching methods and techniques early on, which will enhance their confidence and initiative in problem solving; modern teaching methods and techniques apply many smart teaching devices and tools, supporting learners to access knowledge quickly and accurately; during the learning process, learners are free to express their personal opinions and creative thinking to develop lesson ideas. From there, teachers and learners shorten the distance, increase interaction, exchange of knowledge, skills, autonomy and responsibility in class. Besides, there are also difficulties and shortcomings such as: Without concentration, learners will have difficulty absorbing knowledge; This is also a new teaching method, so the approach will be a bit difficult at first; facilities and conditions are still difficult to ensure [3, 4].

The need to apply modern teaching methods and techniques in current conditions. Different from traditional educational methods, modern teaching focuses on guiding learners to improve their ability to develop creative thinking. In the new era, the application

of technological devices to the teaching activities of lecturers is extremely necessary. This is in line with the current trend in the world when the 4.0 industrial revolution is constantly developing, teaching and learning always need to be innovated to meet current needs. In addition to providing necessary knowledge and skills for learners, we also have many other benefits such as: Stimulating the development of talents and creativity of each individual; being proactive and self-aware in solving practical problems; forming soft skills in the process of learning and regular practice, ...

Modern teaching methods and techniques include: Modern teaching methods (role playing; brainstorming; graph; cooperation; project-based; debating learning issues; research; asking experts; role playing; group work; situations; concluding knowledge with puzzles; ...). Modern teaching techniques (fish tanks; tablecloths; questioning; ...) [3, 4].

Thus, any method or technique, when used by a teacher, that aims to promote the learner's positivity is considered a modern teaching method or technique. Because, in itself, each method or technique does not have "positivity" or "non-positivity". The strength and effectiveness of teaching methods and techniques are not in themselves but in how they are used in the interaction between methods and techniques and in interaction with other elements of the teaching process to meet output standards.

2. HOW TO APPLY MODERN TEACHING METHODS AND TECHNIQUES IN TEACHING TO MEET THE OUTPUT STANDARDS OF SOCIAL SCIENCES AND HUMANITIES AT THE TELECOMMUNICATIONS UNIVERSITY - VIETNAM TODAY

Teaching social sciences and humanities contributes to forming worldviews, scientific methodologies, and personality qualities for learners. In recent years, the innovation of teaching methods for social sciences and humanities at the Telecommunications University has been promoted to develop learners' qualities and abilities. In the current period, facing the new developments of the task situation, especially the impact of the new industrial revolution on the teaching of social sciences and humanities. In response to the requirements of improving the qualities, political capacity, and ideology of cadres in the struggle of ideology and theory against hostile forces; requiring innovation of teaching methods for social sciences and humanities to enhance knowledge and skills to meet output standards [6].

Therefore, the application of modern teaching methods and techniques in teaching to meet the output standards of social sciences and humanities is an objective necessity, consistent with the current teaching trend. Accordingly, the application of modern teaching methods and techniques in teaching to meet output

standards is the process of teachers closely following the standards of political qualities, ethics; knowledge; skills; determined autonomy and responsibility, thereby using appropriate teaching methods and techniques to develop learners' capacity.

Applying modern teaching methods and techniques in teaching to meet the output standards in schools in general, and social sciences and humanities in particular, based on new viewpoints and teaching practices. Accordingly, Resolution No. 29-NQ/TW, dated November 4, 2013 of the Central Executive Committee on fundamental and comprehensive innovation in education, meeting the requirements of industrialization and modernization in the context of a socialist-oriented market economy and international integration, affirms: Continue to strongly innovate teaching and learning methods in a modern direction, promote the positivity, proactiveness, creativity and application of knowledge and skills of learners; overcome the one-way imposition of transmission and mechanically memorization. Focus on teaching how to learn, how to think, encourage self-study, create a basis for learners to update and innovate knowledge, skills, and develop capacity [1].

Circular No. 17/2021/TT-BGDĐT, dated June 22, 2021 of the Ministry of Education and Training, regulating training program standards; developing, appraising and promulgating training programs for all levels of higher education. In particular, there are regulations on teaching methods that must be designed according to a learner-centered approach and the subject of the training process, promoting learners to be proactive and make efforts to participate in learning activities; effectively orienting learners to achieve the output standards of each subject, each component and the entire training program [2].

In recent times, the Telecommunications University has implemented many solutions to help lecturers effectively implement teaching methods in the teaching process such as: Training, competitions, inviting experts on teaching methods to exchange. The vast majority of lecturers in the School have applied modern teaching methods and techniques to meet output standards. There has been a basic synchronization between output standards, content, teaching methods and evaluation. Therefore, the quality of education and training of the School is increasingly improved. However, there are still some limitations and shortcomings in the application of teaching methods and techniques, some lecturers have not really applied teaching methods and techniques that closely follow output standards. The majority have only focused on output standards on knowledge, whereas output standards on skills; autonomy and responsibility is not yet clear. There are still signs of confusion in the process of combining modern teaching methods and techniques [7].

To meet the requirements of teaching and learning to meet output standards, each lecturer needs to apply and innovate appropriate teaching methods and techniques to develop learners' capacity. Applying modern teaching methods and techniques to meet output standards of social sciences and humanities subjects is shown as follows:

Knowledge standards: To apply modern teaching methods and techniques to meet the output standards of lesson knowledge, it is necessary to base on the cognitive domain level and the verbs commonly used in that cognitive domain level. The assessment levels and some "verbs" are often used when building output standards according to Bloom's taxonomy. At the level of remembering, understanding, ..., it is possible to apply methods such as: Presentation method, visualization, reading documents, At higher levels such as application, analysis, ..., it is possible to apply methods and techniques such as: group work, fish tank, tablecloth, ... to discuss and clarify the content.

For example: Marxist-Leninist Philosophy, Lesson 6: Cognitive Theory.

The output standard on knowledge is determined: Explain the principle of cognition. With the above output standard, the verb "Explain" is at the Understanding level, the lecturer applies the presentation method, visualization, with questioning technique. Thus, students understand the content of the principle of cognition.

Output standard: Analyze the role of practice in cognition. With the above output standard, the verb "Analyze" is at the Analysis level, the lecturer applies the group work method, with the tablecloth technique, students work together, discuss, exchange, the lecturer agrees, concludes, and orients the content.

Skill standards: Based on the skill domain level and commonly used verbs at that domain level. With the characteristics of social sciences and humanities, the main skills are thinking, application,... That is, from studying the knowledge content, students can apply it to the learning, training, and working process. Therefore, when applying modern teaching methods and techniques such as: group work, situations, practice,...

For example: Marxist-Leninist Philosophy, Lesson 6: Cognitive Theory.

Output standards on skills determine: Applying the principle of unity between theory and practice to solve well the tasks of learning and training for oneself. With the above output standards, lecturers apply the role-playing method, with group division techniques, asking questions,... From there, learners can apply the knowledge they have learned to carry out their own learning, training and work tasks.

Output standards on autonomy and responsibility: based on the level of emotional domain (autonomy and responsibility) and the verbs commonly used at that domain level. With the characteristics of social sciences and humanities subjects, it is necessary to form political qualities, methods, working style, ethics, lifestyle, proof, criticism, etc. Learners learn from understanding knowledge, applying it to study, practice, work, thereby forming the values of students. Therefore, when applying modern teaching methods and techniques, special attention is paid to training political qualities, methods, working style, etc.

For example: Marxist-Leninist Philosophy, Lesson 6: Cognitive Theory.

The output standard on autonomy and responsibility determines: Affirming the dialectical materialist stance in the field of epistemology; criticizing empiricism and dogmatism. With the above output standard, lecturers apply the situational method, with the technique of asking questions and posing situations, from which students handle. From there, students are formed in terms of mettle, methods, and style to meet requirements and tasks.

Thus, the separation of modern teaching methods and techniques is only relative. Because, between modern teaching methods and techniques is a unified entity with a dialectical relationship that interacts with each other continuously in the teaching and learning process, and at the same time, it is also applied flexibly and creatively, with the ultimate goal of meeting output standards. How effectively modern teaching methods and techniques are applied in practice depends on the characteristics of each subject, lesson, and the application skills of each lecturer.

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