Improving the Method of Teaching Engineering Classes Based on Graphic Programs

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Abstract: The research results and the results obtained allow us to draw the following conclusions about the preparation for professional activities of students of professional colleges through interdisciplinary relationships. The fundamental and theoretical, as well as the feasibility of special organizational preparation of college students for the introduction of inter subject communications using information technology in the development of modern integrative thinking is fundamental. Analysis of the implementation of the state of inter subject communications in didactics from the point of view of the unity of the material world. An important methodological principle for the implementation of inter subject communications is the differentiation and synthesis of new knowledge.

Keywords: International Relations of Information Technology, Education, Innovation, Banks, Vocational Colleges.

Nowadays, as we know science and technology, types of producing and all technologic processes are almost fully computerized in all developed countries. Moreover, in all producing processes and educational spheres creating new technologies and technics are done with the help of graphic programs which are modern and functional.

As it is said, XXI century is the age of information technologies. All aspects of computer phantom are faced in our daily life. As a result, the country's education system into the new educational technologies based on modern information technologies. When modern information technology, multimedia, to pass to other language and alphabet letters, Internet, Web-Technology, electronic virtual library, distance education, and other technologies to provide technique. This, in turn, teachers not only in the field today, but modern equipment and acquired certain knowledge and information to young people, especially students, and students are required to teach.

According to international experience, the integration of professional education with science and industry, as well as the harmonization of theoretical and practical professional education are important due to the formation of professional competencies of future specialists. Despite the numerous scientific studies on the development of professional knowledge and skills for students of professional colleges in a market economy, the labor force in various sectors of the economy, which has fully mastered general and specialized subjects that can withstand vital competition in the labor market, as a means of increasing professionalism necessary so that they can carry out their activities, necessitates the formulation of their required and sufficient full-time level training through interdisciplinary communication.

The changes taking place in our country are closely related to the rapid introduction of new and, especially, advanced technologies, which, in turn, requires the training of highly qualified specialists. In the strategy for the further development of the Republic of Uzbekistan, special attention is paid to the issues of "improving the work of students of professional colleges in training and employment in the areas of a market economy and the needs of employers". To solve this problem, the general professional curriculum of the Banking business at professional colleges has set itself the goal of teaching students through modern calculation methods on the practical issues of the specialty. This indicates the importance of the effective use of interdisciplinary communication opportunities in professional colleges [2].

We have set out to solve the problem for the first time, AutoCAD system is currently in the design of automated international standard for being, that started on the initial data.

AutoCAD program, was created in 30-35 years' time, though, the graphics software is still famous. AutoCAD program is an excellent and popular, and the design of the automated program, and that any such scheme and plotting high-precision, high-quality viewfinder. In addition, this program will help you to realize the full creative potential of users. As a result, millions of design experts, scientists, engineers and technicians, and students of the world in more than 80 countries, in 18 languages using AutoCAD design work has become a norm.

World experience of pupils and students after receiving a certain level of knowledge at drawing, graphics need to instruct the computer to perform the tasks. Proceeding from this company Autodesk AutoCAD-2006 graphics program launch, its user interface, toolbar, and their orders the information about the location of buttons and functions. Also, some of the graphics Primitive computer designs are considered.

AutoCAD software in 1982, despite the creation and its millions of users of local high school students and students of computer science and mathematics subjects in the process of reading the graphics software tools, "Microsoft Office Word" program, "Drawing" and "Basie" program to learn how to use graphic images. However, such low graphics automation applications, making the graphics options are almost there. Automation in the design of graphics software, with the AutoCAD system options, even at school, drawing, painting classes, such as graphics commands Graph Primitive elements, which means, the components of the charts 1-2-3 and 4-themes and the knowledge, skills and practical training on the basis of a variety of acting.

AutoCAD graphic information system elements, they are willing to enter the command packet size to a computer using a direct dialogue is carried out on the basis of the sequence of images. The main purpose of the engineering and computer graphics training and expertise in the fields of engineering studentts take all kinds of graphic information design, diagram, charts and schemes such as the size of two or three sizes of images using the computer to teach the rules of procedure. Engineering and computer graphics are the main issue of the practical and operational programs and commands, package design and technological processes using computer modeling work by the students were free to carry out the necessary knowledge and skills to teach. Engineering and computer graphics classes on the subject of higher education, a bachelor and engineers approved by the Ministry of Higher and Secondary Special Education in 2012 in the form of standard graphics program on the basis of practical training. All students in practical training for 25-30 minutes to draw graphical information Primitive components of a computer screen, they do not change the appropriate options to create and display images, memory storage, and perform tasks such as Print for the necessary theoretical knowledge will give a step-by-step movement. The employment figure for the rest of the staff to draw, edit, sizes and binding objectsare using commands such as skills and qualifications. This all means students under the supervision of the teacher's lesson to learn and practice the skills and qualifications. Students actively learn about the development of the educational institution, in their own thoughts with the help of the internet. Through the Internet network control can be distributed and local e-mail. These types of things to accomplish remote network modeling forms of education.

Today, it is becoming popular. Teachers are using not a single information center, but with the use of computer technology, distance education, and been able to get high goals. Students often engaged in dealing with self-learning over the Internet, to communicate with their peers, and general interest. This work is regulated to form a network of their relations students' opportunities to meet with their counterparts in other countries, and allows you to read and work together.

Readers with information technology tools developed especially important always have the nature of creative activity. This is reflected in the new design and technical solutions. Their ideas and information technology tools reader "electronic" and show the competitiveness of their products, and allows you to check the popularity of their ideas. Students create a real interesting and unique resource for themselves, first and foremost, consider all the information it needs to establish a psychological reaction to the characteristics of Resources News and practical understanding of reach. All pupils develop their competence to set the direction of his life, practical problems.

The current stage of development of society is characterized by the direct improvement of technologies. Modern technological processes in any sphere influence, such as information systems are becoming more and more new changes. Education in the field of communication technology, improving the quality of teaching, the students thinking ability to expand, enhance the development of students' independent work itself is becoming a pressing issue. Not only the development of the Internet, telephone or television, but also with the development of computer technology. Today, this area is long before the development of other sectors and the rates of deposits. Globalization Today, the Internet and, in turn, is the result of a process cycle that leads to a lack of space. Viewers will lead to the development of knowledge and skills in the field of science. As a result of this process of scientific research can lead to a variety of methodological approaches.

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