

Abstract

The Informatics course is aimed at the formation of initial and basic competencies in the field of working with data, which are necessary for the safe and effective use of digital technologies and Internet resources in the scope of academic activities.

Constant technological changes, especially in aspects related to information and communication technologies (ICT), create the preconditions for the renewal of knowledge and skills in this area. In this context, it becomes essential for companies to have specialists with the necessary skills to successfully carry out the actions that are required in their workplace.

The course was created to facilitate:

- continuous development of the skills that are related to information and communication technologies in people;
- employment and updating of technological skills of students.

The course of the discipline "Informatics" is an entirely practical course, as a result of mastering this discipline, students acquire practical skills in using PCs and software. The discipline is aimed at the formation and development of future specialists' skills and abilities in using modern IT. Completing the course will not only provide the necessary "computer literacy", but will also attract the listener to the useful and effective use of the computer's capabilities. For effective work in the field of tourism, in the future, it will be necessary to be able to freely use IT, to have knowledge about the field, area and cases, each program should be used in. This course is the main, basic part, after passing which students will be able to study any computer programs that are necessary in practical, research and teaching activities with great ease. Within the framework of this discipline, students will learn in what areas and how information technology is used. Learn to correctly design documents, scientific papers, to colorfully present projects, make standard calculations, work with databases, find the required information. Students will be familiarized with the tools of the Microsoft Office software package in detail. Within completing the assignments students will learn how to use the tools of these programs and at the end of the course they will acquire skills in working with the programs. Also, students learn to work in the network, with the Internet, with various programs that allow to work with documents, they learn to work in cloud servers and in online programs and with a databases (search for databases and type databases). The course program is based on the requirements of the Federal State Educational Standard of Higher Education 3 ++ in the direction 43.03.02 Tourism (bachelor's degree).

The objectives of mastering the course consist in the formation of general professional competence, which allows solving standard problems of professional activity based on the use of modern information technology capabilities.

Within this course, it is planned to teach students practical skills of working with a computer and applications of Microsoft Office in the field of tourism.

The total complexity of the discipline is 144 academic hours (4 academic credits, 2 c.u. in each semester). The course is designed for 68 hours of practical lessons conducted in computer classrooms, as well as for 76 hours of students' independent work, which will consist of doing homework and preparing for midterm controls.

The classes are supposed to be conducted in the following format: demonstration of the material prepared by the teacher in the form of a Power Point presentation, which will present the key questions of the lesson, with a parallel demonstration on the screen of examples through the teacher's computer (as well as visual screenshots from the programs). Further, after each lesson, students will be provided with individual assignments based on the demonstrated material with a mandatory check of the work being done. Students' tasks will be interconnected with tasks in other disciplines of the specialty, so that students are more motivated and interested in doing the work better.

During the course, it is planned to conduct two midterm controls in the form of performing individual practical tasks based on the results of the passed material. The grades of intermediate controls are used to form the final grade for the course that ends with a test. After completing the study of each of the programs, test will be carried out to consolidate the skills.

Relationship with other disciplines of the specialty: The discipline "Informatics" refers to the basic part of the professional cycle and is interconnected with other disciplines of the academic plan, as it provides the basis for further collection of the database and analysis.

Requirements for the initial levels of knowledge, abilities and skills of students for passing the discipline - to complete this discipline, the student must:

- have knowledge and skills in the field of mathematics and computer science at school level;
- have basic computer skills at the user level;
- be able to use literature and the Internet to get the necessary information.