

INTRODUCTION

In the discipline «Information and communication technologies» are regarded as modern methods and means of communication of people in a normal and professional activities with the help of information technologies for the search, collection, storage, processing and dissemination of information.

The purpose of discipline «Information and communication technologies» is to master students of information and communication competencies that facilitate everyday life and will give an opportunity to use modern information technologies in various areas of professional activity, scientific and practical work, self-education and for other purposes. In addition to the practical purpose, the course provides academic and educational purposes, helping to expand the horizons of students, improve their general culture and education.

Course study objectives: acquaintance with modern receptions and methods of use of means of ICT; training in use of means of ICT in professional activity of the expert; training in effective application of means of ICT in educational process, including work with the distributed information resource of educational appointment; acquaintance with opportunities of practical realization of the training focused on use of technologies of multimedia, systems of artificial intelligence, the information systems functioning on the basis of computer facilities, providing automation of input, accumulation, processing, transfer, operational management of information.

The textbook is intended for University and College students, teachers, as well as users interested in information and communication technologies and their application.