|  |
| --- |
| **General information** |
| **Name of University** **:** Khmelnytsky National University  **Education :** Bachelor physical therapy, occupational therapy  **Name of the course :** **Information and communication technologies**  **ECTS :** 4  **Language :** Ukrainian  **Study time lessons:** 36 **Study time students :** 84  **Place of the course in the education (year & semester) :** year 3, semester 6  **Lector(s) :** Ludmila Basenko |
| **Compentences / learning outcomes & goals** |
| **GC 01. Knowledge and understanding of the subject area and understanding of the profession.**  PLR 01. Apply basic knowledge of the subject area in practice.  **GC 09. Skills in the use of information and communication technologies.**  PLR 03. Use information and communication technologies to search, process and analyze information from various sources for the purpose of learning and mastering new skills.  **SC 17. Demonstrate continuous lifelong learning, the ability to adapt their current practice to changing conditions and find ways to continuously improve the quality of occupational therapy services.**  PLR 17. Continuously improve their professional development, improve the quality of occupational therapy care, disseminate knowledge of occupational therapy. |
| **Learning activities** |
| **Content of the course : describe + content table** |
| Course about the basics and principles of computer engineering, application programming systems (writting, typing systems, electronic spreadsheets, presentations )  Content:  1. Informatization of society. Information infrastructure and information resources. Kinds of modern information technology. Main areas of using information technologies.  2. Computer system (hardware, software).  3. Information technology tools.  4. The basics of computer networks. Basic concepts about computer networks and telecommunications.  5. Search recources and Internet services. Google services. Current requirements for browsers. The main features of browsers. Types of search on the Internet, understanding of the search process, evaluation of the data obtained. Teamwork by Google Services.  6. Information security. Protecting information on computer networks from damage, unauthorized access. Protecting data against computer viruses. Methods for combating viruses. Modern antivirus software. Archivists.  7. Outlooks for information technology development. Data store. Artificial intelligence systems |
| **Study material** Book – Syllabus – Textbook – Notes - Online material – Other (+specify) |
| 1. Rudenko V. etc. Basic Informatics course; for the total. ed. V. Bykova: [Educ. tool.]. - K .: View. the BHV group. - Book. 2: Information technology. - 2012. - 368 p.  2. Lazurchak L, Kohut U, Vdovichin T. Informatics. Laboratory Workshop. - Drohobych: Editorial and Publishing Department of I. Franko State Pedagogical University, 2012. - 80 p. |
| **Educational methods** Lecture – Excursion – group work – Other (+specify) |
| Lecture.  laboratory work.  individual tasks.  Self-employment. |
| **Evaluation** |
| **Moment of evaluation**  **Evaluation form**   * oral and written questioning (testing), * written test, * evaluation of individual task, * сredit   **Second chance?** |
| Credit  Second chance possible |