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| Discipline „programming fundamentals - 1”, code: 04 |
| Annotation: The subject is oriented towards the fundamental preparation of the students of the specialty SIT. The aim is to give students the knowledge and skills of programming using high-level languages and their applications. |
| Main issues of the syllabus content:   * Computer software and hardware * The organization of operating systems for personal computers * Program algorithms and flowcharts * Principles of programming and design of application programs * Presentation of information and main types and structures of data in high-level programming languages * Program structures in high-level languages * Principles of structural, modular and object programming * Working with libraries from standard subroutines |