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| Module name | **Introduction to Information Technology** |
| Erasmus code |  |
| ISCED code |  |
| Language of instruction | English |
| Website |  |
| Prerequisites |  |
| ECTS points hour equivalents | Contact hours (work with an academic teacher): 60 Total number of hours with an academic teacher: 60 Non-contact hours (students' own work): 60  Total number of non-contact hours: 60  Total number of ECTS points for the module: 6 ECTS |
| Educational outcomes verification methods | Class participation, final test exam, practical test |
| Description | Lecture topics:  1. Short history of computers and computing machines  2. Computer system and its components  3. Free software, including that used in the labs  4. Elements of mathematical foundations of computer science: binary and hexadecimal systems, binary definition of information  5. More detailed description of components of a computer systems  6. Basics concepts connected with operating systems  7. Some history of operating systems: from Unix to Linux, MAC, and Windows  8. Basics of the Linux operating systems  Labs topics:  1. Basic Windows system administrative tasks  2. Elements of text editing and formatting. Creating scientific publications (LibreOffice)  3. Spreadsheets and databases  4. GNU PG asymmetric cryptography: GPG, Mozilla Thunderbird, Enigmail  5. Creating, publishing, and administrating WordPress web pages  6. Basic tasks in a Linux system |