

**BAI0001 Digital Applications**  
**2021/2022. academic year II. semester**

**Subject topics and semester requirements**

1. Basics of informatics and information theory
2. The main features of information history. Characteristics of the information and knowledge society
3. Computer operation, parts (hardware). Software - their typification, characteristics
4. Theoretical and practical steps of digital content production: Word editing, document creation with office software
5. Theoretical and practical steps of digital content production: Spreadsheet management, creating spreadsheets with office software. Display numeric data. Creating graphs
6. Theoretical and practical steps of digital content production: Presentation software and applications. Steps of creating a presentation - formal and content elements
7. Multimedia and its features
8. Development of the Internet, Internet services. Browsers
9. Web 2.0. services. Characteristics of web-based communication
10. Retrieval of information on the Internet. Exercises based on information retrieval
11. Web ethics, rules of e-mailing. Internet security issues
12. Mobile applications on different platforms
13. Dangers and rules of ethics in the use of social media
14. Information Sharing and Storage. Use of storage, clouds

**Attendance at classes:**

Attendance at practical classes is mandatory. The permissible degree of absence per semester in full-time training is three times the number of contact hours per week. If this is exceeded, the semester cannot be evaluated.

**Semester requirement:** term grade

**Method and schedule of the evaluation:** 51% completion of 2 homework, submission by the deadline (15 May 2022).

**Requirements for mid-term audits:** Completion of the course (at least 51%) is required for the completion of the course (calendar week 13 and calendar week 19). The quality of the entries prepared during the semester, as well as the active participation in the practical classes and the solution of the tasks, contribute to the grade.

**How to create a grade:**

The semester practical mark is determined by the quality of the dissertation and the quality of the entries. It is possible to correct an insufficient practical mark according to the Study and Examination Regulations.

Nyíregyháza, February 20, 2022.

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