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| **Course title: Usage of Modern ICT in Teaching** | |
| **Lecturers: Dragan Mašulović, Miloš Z. Stojaković** | |
| **Status**:  elective | |
| **ECTS**: 15 | |
| **Requirements**: | |

**Learning objectives**

Introduction to theory and practice of application of ICT in education.

**Learning outcomes**

Learning techniques of application of ICT in education.

**Syllabus**

*Theoretical instruction*

Contemporary trends in the development of ICT and their influence on educational process. Modern concepts of organization of teaching activities. Basic principles of functioning and realisation of teaching including usage of ICT. Usage of Internet services.

Collectioning of information, e-libraries, e-journals, and public databases. Preparation of materials and their representation using ICT. Ethical aspects of informatics. Privacz and protection of e-society. Social aspects and communication methods in ICD supported systems.

Ontologies, semantic web, and their usage in education. Presentation of characteristic examples of such systems.

*Sudents research*

Exercises follow lectures as topics are presented.

**Suggested literature:**

1. William Horton: Designing Web-Based Training : How to Teach Anyone Anything Anywhere Anytime
2. Margaret Driscoll, Saul Carliner: Advanced Web-Based Training : Adapting Real World Strategies in Your Online Learning: Strategies – Unlocking Institutionally Sound online Learning

| **Weekly teaching load** | **Lectures**: 5 | **Student research**: 5 |
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**Teaching methodology**

Lectures, consultations, interactive and dialog methods.

| Grading (maximal number of points 100) | | | |
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| **Pre-exam requirements** | points | **Final exam** | points |
| Activities during lectures | - | Oral exam | 60 |
| Practical teaching | 10 | | |
| Colloquia | 10 | | |
| Seminar papers | 20 | | |