Study program: Modern computer technologies

Course title: Internet technologies

Professor/assistant: Zoran Veličković / Slavimir Stošović

Type of course: compulsory

ECTS credits: 7

Pre-requisites: none

Aims of the course:
Preparing students to:
- Learn basic concepts related to the Internet such as Internet services and protocols, HTML language, HTTP protocol, the structure and design of the website, Site object, JavaScript, CSS, XML, MySQL, CGI;
- Explore the HTML computer language for describing web pages, automate procedures on the website and Techniques separation of content from layout;
- Learn to solve practical problems in the field of design and automation of procedures on the website.

Learning outcomes:
It is expected that students after passing the exam can:
- Analyze, optimize and implement dynamic web pages;
- Using standard design and programming techniques for the implementation of dynamic web pages;
- Comparing and analyzing the characteristics of Web sites;
- Distinguish and analyze the details of the base architecture of the website;
- Detect problems in the implementation and propose a suitable solution

Syllabus

Theoretical part:

Practical part:

Literature

Number of active classes

| Lectures: 30 | Practical classes: 30 | Research work: |

Teaching methods
Combination of interactive approach with practical problems solving.

Grading system (maximum 100 points), grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51-60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91-100 points.

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