**Study program:** Modern computer technologies

**Course title:** Web Design

**Professor/assistant:** Dejan Blagojević / Milos Kosanovic

**Type of course:** compulsory

**ECTS credits:** 6

**Pre-requisites:** none

**Aims of the course:**
The aim is to provide students with the basic knowledge of the theory of web design and equip them for design, programming, and practical implementation of the web site.

**Learning outcomes:**
The outcome of the course is to prepare students for the adoption and application of new knowledge in planning and presentation.

**Syllabus**

**Theoretical part**
Web design theory, rules and concepts, goals and planning, domains, information on domains, web site structure, navigation Web, principles of effective navigation, accessibility, problems of Web design, HTML, CSS, Java Script, and Java Integration, CMS, working with templates and facilities, test presentation, site promotion, reporting to the site browser capable device, final presentation.

**Practical part:**
The theory of web design, web site structure, navigation Webb, principles of effective navigation, accessibility, standards, color, SEO optimization, problems (different browsers, resolutions, platform issues, user settings, speeds, fonts), HTML, CSS, Java script, integration and Java scripts - the HTML code, CMS, templates and objects, testing, site promotion, maintenance of presentation.

**Literature**

**Number of active classes**

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

**Other forms of teaching:**

**Teaching methods**
Combination of interactive approach with practical problem 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.

**Pre-exam obligations**

<table>
<thead>
<tr>
<th>activity during theoretical lectures</th>
<th>points</th>
<th>Final exam</th>
<th>points</th>
</tr>
</thead>
<tbody>
<tr>
<td>practical training</td>
<td>20</td>
<td>oral exam</td>
<td>15</td>
</tr>
<tr>
<td>colloquium(s)/seminar papers</td>
<td>40</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Sum</td>
<td>70</td>
<td>Sum</td>
<td>30</td>
</tr>
</tbody>
</table>