**Study program:** Modern computer technologies

**Course title:** Telecommunication Networks

**Professor/assistant:** Nikola Sekulović  
**Type of course:** compulsory  
**ECTS credits:** 6  
**Pre-requisites:** none

**Aims of the course:**  
Acquiring terms and basic knowledge in the field of telecommunication networks. Students should take insight into basic functions during connection establishing and distribution of functionality among the layers.

**Learning outcomes:**  
After this course, it is expected that students are able to analyze performance of telecommunication networks and protocols.

**Syllabus**

*Theoretical part*

*Practical part*

**Literature**

**Number of active classes**

<table>
<thead>
<tr>
<th>Lectures: 30</th>
<th>Practical classes: 30</th>
<th>Research work:</th>
</tr>
</thead>
</table>

**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.

<table>
<thead>
<tr>
<th>Pre-exam obligations</th>
<th>points</th>
<th>Final exam</th>
<th>points</th>
</tr>
</thead>
<tbody>
<tr>
<td>activity during theoretical lectures</td>
<td>10</td>
<td>written exam</td>
<td>20</td>
</tr>
<tr>
<td>practical training</td>
<td>50</td>
<td>oral exam</td>
<td>20</td>
</tr>
<tr>
<td>colloquium(s)/seminar papers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sum</td>
<td>60</td>
<td>Sum</td>
<td>40</td>
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