Study program: Modern computer technologies

Course title: Elementary Programming

Professor/assistant: Mirko Kosanovic

Type of course: compulsory

ECTS credits: 6

Pre-requisites: none

Aims of the course:

• Acquiring basic knowledge about techniques and ways of writing programs by mastering the fundamental principles of programming and getting to know the basic elements of programming languages, their syntax, data types and control structures.

Learning outcomes:

Empowering students to independently design, write and test programs written in the programming language C.

Syllabus

Theoretical part

Practical part
Exercise through examples and assignments based on the material presented through lectures.

Literature

1. Programski jezik C, Brian W.Kernighan, Dennis M.Ritchie, CET Beograd
2. C za programere, Peter Prinz, Tony Crawford, Mikro knjiga, 2016

Number of active classes:

Lectures: 30  Practical classes: 15  Research work: 15

Other forms of teaching:

Teaching methods
Theoretical and practical teaching in combination with interactive teaching 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:

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<thead>
<tr>
<th>Pre-exam obligations</th>
<th>points</th>
<th>Final exam</th>
<th>points</th>
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<tbody>
<tr>
<td>activity during theoretical lectures</td>
<td>10</td>
<td>written exam</td>
<td>30</td>
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<tr>
<td>practical training</td>
<td>20</td>
<td>oral exam</td>
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<tr>
<td>colloquium(s)/seminar papers</td>
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<tr>
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