Study program: Modern computer technologies

Course title: Administration of Computer Networks

Professor/assistant: Mirko Kosanovic / Dusan Stefanovic

Type of course: compulsory

ECTS credits: 7

Pre-requisites:

Aims of the course:
Gaining basic knowledge of network operating systems and their services.

Learning outcomes:
Enabling students to install a network operating system from Windows Server family and perform its administration.

Syllabus

Theoretical part

Practical part:
Introduction to WIN Server 2008 Network Operating Systems, adjustment WIN 2008 (MMC console); administering active directory service; installing and managing domains, trees and forests; creation of user, group and computer accounts; configuring DHCP servers and clients; configuring DNS servers and clients; disk management in WIN 2008; monitoring system WIN 2008 (Event Viewer, system Monitor, Task Manager); backup and data disaster recovery system.

Literature

Number of active classes

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

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<thead>
<tr>
<th>activity during theoretical lectures</th>
<th>10</th>
<th>written exam</th>
<th>15</th>
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<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>Sum</td>
<td>30</td>
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<td>70</td>
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