

Faculty of International Economics and Administration
Department: Informatics
Professional area: Informatics and Computer Studies
Major: WEB Design
Educational – and - qualification Degree: Master

COURSE DESCRIPTION

1. Course unit title: **Computer Networks and Communications**
2. Course unit code: **INF 1048**
3. Type of course unit: adjustment
4. Level of course unit: Master
5. Year of study: first
6. Semester: adjustment
7. Number of ECTS credits allocated: 6
8. Name of lecturer: Prof. Teodora Bakardzhieva, Phd
9. Learning outcomes of the course unit: The course provides basic knowledge in the area of local and global networks, OSI model, network protocols and architectures, network administering and maintenance.
10. Mode of delivery: face-to-face requires knowledge in the area of general informatics, studied in the first and second semester during the first academic year, where general questions on networks and applied mathematics are studied. The necessary introduction includes general information about the network components and network operation systems.
11. Prerequisites and co-requisites:
12. Course contents (summary): computer networks; local networks; global networks (WAN); Network Operating Systems (NOS).
13. Recommended or required reading:
<https://eschool.vfu.bg/course/view.php?id=6>
Бакърджиева, Т. Електронен бизнес – технологии и мрежи, ВСУ „Черноризец Храбър” университетско издателство, 2006, 331 стр.
<http://techs-mobile.blogspot.com/2010/07/blog-post.html>
<http://compnetworking.about.com/od/basicnetworkingconcepts/>, 2011 г.
<http://www.hitmill.com/computers/networking.html>, 2011 г.
<http://www.networkcomputing.com/>, 2011 г.
14. Planned learning activities and teaching methods: specially prepared electronic web-based teaching resources are provided, discussions are carried out on the development of the project assignment individually, with everyone to achieve profound and concreteness of the research.
15. Assessment methods and criteria: Assessment is based on students' activity during the period of the whole semester. Students are given the opportunity to present assignments on chosen topic from the synopsis before the audience. The continuous assessment forms 20% of the total grade at the examination. The final assessment is formed by the development of a course assignment. The course assignment defense gives 40% and eventually a test is carried out to define 40% of the general grade.
16. Languages of instruction: Bulgarian, English
17. Work placement: course assignment