

SYLLABUS

SUBJECT: COMPUTER SYSTEMS ADMINISTRATION

TEACHER: ŁUKASZ MACIURA, PhD, Eng., PIOTR GROCHOWALSKI, MSc, Eng.

COURSE DESCRIPTION:

This course focuses on administration of operating systems in a client-server technology (Windows and Linux on virtual machine), installation and maintenance. It prepares students to installation of Windows Server, NTFS file system and folder permissions, Domain Name System, Active Directory, local and domain Group Policy, Windows Terminal Services, Internet Security and Acceleration Server, Internet Information Services, communications and networking. An introduction to Linux, installing Ubuntu, advanced usage and managing Ubuntu, terminal, working with Windows, system administration, configuration of server: WWW, DHCP, DNS, Samba, NFS, emails and printers.

LEARNING OUTCOMES:

By the end of the course students will have a basic knowledge about the installation and configuration of the server operating systems.

GRADING POLICY:

CLASSES: Two written tests and short questions before classes, evaluating the students during classes.

TIMETABLE:

LECTURES: 1 hour/every week

CLASSES: 2 hours/every week

TEXTBOOK AND REQUIRED MATERIALS:

1. Hassell J., Learning Windows Server 2003, O'Reilly Media, 2004.
2. Hassell J., Windows Server 2008: the definitive guide, O'Reilly Media, 2008.
3. von Hagen W., Ubuntu Linux Bible: Featuring Ubuntu 10.04 LTS, John Wiley & Sons, 2010.

PREREQUISITES:

A basic knowledge of operating systems Windows and Linux.