

Title Introduction to Computer Networks	Code 1018011110108000044
Field Electronics and Telecommunications	Year / Semester 1 / 1
Specialty -	Course core
Hours Lectures: 1 Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 2
	Language polish

Lecturer:

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Status of the course in the study program:

Obligatory course, field Electronics and Telecommunications.

Assumptions and objectives of the course:

Knowledge of basic issues related to computer networks and Internet

Contents of the course (course description):

Basic information about Internet: definition, history, management, financing, development, services, addressing. Transmission protocols: TCP/IP, FTP, HTTP. World Wide Web: the idea of hypertext, multimedia in WWW, HTML language, WWW browsers. Searching Internet. Unix and computer networks: file system, commands. Utilities: telnet, ftp, e-mail. Other services: discussion groups (BITNET, USENET), news, IRC, communicators, blogs, file sharing. Local area networks: OSI/ISO model, topologies, transmission media, multiple access methods.

Introductory courses and the required pre-knowledge:

Basic knowledge of computer terminology and computer operation skills.

Courses form and teaching methods:

Lectures and laboratory exercises.

Form and terms of complete the course - requirements and assessment methods:

Tests, individual projects, and written exam.

Basic Bibliography:

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Additional Bibliography:

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