

Title Basics of telecommunications	Code 1018011410108300070
Field Electronics and Telecommunications	Year / Semester 2 / 4
Specialty -	Course core
Hours Lectures: 3 Classes: - Laboratory: - Projects / seminars: -	Number of credits 0
	Language polish

Lecturer:

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Status of the course in the study program:

Obligatory course for students of Electronics and Telecommunications

Assumptions and objectives of the course:

Making students familiar with basic ideas of telecommunication, techniques and principles of design and maintenance of telecommunication systems and networks

Contents of the course (course description):

Characteristic of telecommunication: social meaning, past and future; telecommunication services; standards and standard organizations; telecommunication system; telecommunication network and its components; networks architecture; interfaces and protocols; telecommunication network management; basic telecommunication techniques: modulation, coding, equalization and synchronization; analog modulations of harmonic carrier;

Introductory courses and the required pre-knowledge:

Signal theory, basic principles of analog and digital circuits and systems; introduction to computing

Courses form and teaching methods:

Lectures

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

Written egzam

Basic Bibliography:

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Additional Bibliography:

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