

Title (Wstęp do telekomunikacji)	Code 1018071510108310157
Field Electronics and Telecommunications	Year / Semester 3 / 5
Specialty -	Course core
Hours Lectures: 3 Classes: 1 Laboratory: 2 Projects / seminars: -	Number of credits 9
	Language polish

Lecturer:

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Faculty:

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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):

Source coding; PCM, DPCM, ADPCM; error correcting codes and transmission codes; digital modulations; baseband and passband transmission; channel and packet switching; multiplexing and media access; PDH, SDH, WDM and DWDM; ISDN and BISDN networks; multimedia data and systems.

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, computational exercises, laboratory exercises

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

Written egzam, test

Basic Bibliography:

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Additional Bibliography:

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