Title **An introduction to information and communication technology**	Code **1010334461010330578**
Field **Computer Science**	Year / Semester **3 / 6**
Specialty **-**	Course **core**
Hours Lectures: **8** Classes: **-** Laboratory: **-** Projects / seminars: **8**	Number of credits **3**
	Language **polish**

Lecturer:

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Status of the course in the study program:

Obligatory course at the Faculty of Electrical Engineering, field of study Computer Science.

Assumptions and objectives of the course:

Presentation of most important programming platforms and technologies used in communication networks and their application in service layer.

Contents of the course (course description):

1.   Differences between commutation networks and IP networks.
2.   Parlay platform.
3.   OSGI platform.
4.   SIP protocol and its applications.
5.   Services in information and communication technology and Web 2.0.
6.   IP Multimedia alternatives.
7.   Service Delivery Platform.
8.   3G vs LTE.

Project:
Application in Eclipse RCP platform with the use of Equinox OSGI platform.

Introductory courses and the required pre-knowledge:

Computer networks, programming languages.

Courses form and teaching methods:

Lectures.

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

Examination.

Basic Bibliography:

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Additional Bibliography:

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