Title **Introduction to Computing II**	Code **1018011410108200072**
Field **Electronics and Telecommunications**	Year / Semester **2 / 4**
Specialty **-**	Course **core**
Hours Lectures: **2** Classes: **-** Laboratory: **2** Projects / seminars: **-**	Number of credits **0**
	Language **polish**

Lecturer:

dr inż. Mariusz Głąbowski
Katedra Sieci Telekomunikacyjnych i Komputerowych
tel. +48 61 665 3904
e-mail: mariusz.glabowski@et.put.poznan.pl

Faculty:

Faculty of Electronics and Telecommunications
ul. Piotrowo 3A
60-965 Poznań
tel. (061) 665-2293, fax. (061) 665-2572
e-mail: office_det@put.poznan.pl

Status of the course in the study program:

Obligatory course for students of Electronics and Telecommunications.

Assumptions and objectives of the course:

Introduction to advanced programming techniques in C++.

Contents of the course (course description):

Fundamentals of operator overloading. Overloading stream operators, unary operators and binary operators. Converting between types. Standard library classes "string" and "vector". Inheritance. Polymorphism and virtual functions. Abstract classes. Introduction to stream manipulators. Stream format states and stream manipulators. Exception handling. File processing. String Stream Processing. Standard Template Library.

Introductory courses and the required pre-knowledge:

Introduction to computing.

Courses form and teaching methods:

Lectures illustrated with computer presentations. Practical exercises in laboratories.

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

Individual projects. Written exam.

Basic Bibliography:

-

Additional Bibliography:

-