

# **SYLLABUS**

## **SUBJECT**

SOCIAL AND PROFESSIONAL COMPUTER SCIENCE PROBLEMS

## **TEACHER**

DR. PAWEŁ URBAN

## **COURSE DESCRIPTION**

The following topics will be discussed:

1. Selected facts concerning the history of computing.
2. Social context of IT. The future of information society.
3. From the information society through teaching towards a knowledge-based economy.
4. Codes of ethics and conduct.
5. Legal aspects of IT development. Intellectual property protection.
6. Professional and ethical responsibility of computer scientists.
7. IT professions and education of computer scientists.

## **LEARNING OUTCOMES**

Gaining the ability to recognize the social context of IT and assess the situation as well as risks in professional life of computer scientists, both relating to legal and ethical aspects.

## **GRADING POLICY**

Assessment (passed/failed) is based on a final written assignment.

## **TIMETABLE**

The course is a part of the 3<sup>rd</sup> year's winter semester.  
It is conducted in English only in a form of consultations.

## **TEXTBOOK AND REQUIRED MATERIALS**

- [1] COMPUTER HISTORY, <http://www.plyojump.com/classes/index.html>.
- [2] Grodecka K., Wild F., Kieslinger B.: HOW TO USE SOCIAL SOFTWARE IN HIGHER EDUCATION. A digital version of this handbook can be downloaded free-of-charge from <http://www.icamp.eu>.
- [3] INFORMATION SOCIETY, [http://en.wikipedia.org/wiki/Information\\_society](http://en.wikipedia.org/wiki/Information_society).

## **PREREQUISITES:**

NONE.