COURSE TITLE: C++ Programming
Institute/Division: Faculty of Electrical and Computer Engineering, - E13
Course code: 
Erasmus subject code: 
Number of contact hours: 45 (20h lectures, 20h laboratory, 5h project)
Course duration: 1 semester (fall)
ETCS credits: 6

Course description: The course covers the latest, key developments in Object Oriented Programming with C++ language:

- OO Principles and environments
- Development Approaches
- Structural Programming vs Object Programming
- Objects and Classes, Associations and Multiplicity
- Generalization and Inheritance,
- Advanced Relationships and Aggregation
- Polimorphism
- Overloading Operators
Computer laboratory and Project extend topics from lecture

**Course type:** Lectures, computer laboratory and project

**Literature:**

1. Bruce Eckel „Thinking in C++”.

**Assessment method** Project and laboratory exercises

**Contact person:** mgr inż. Sławomir Bąk, email sbak@pk.edu.pl