Microcontroller theory – laboratory

Summer semester: 15 hours = 7 × 2 hours + 1

Lector: PhD. Waldemar Rączka

Laboratory instructor: PhD. Paweł Martynowicz

Program:

1. Programming environment introduction and basic register operations.

2. Programming loops.

3. Conditional instructions and indirect addressing.

4. More advanced algorithms.

5. Sub-programmes, parameters exchange, keyboard support.

6. Programming timers/counters, interrupt support.

7. Input/output subsystems programming.