

Course name: **Basics of Programming**

No. of ECTS: **7**

Aim:

Familiarizing students with basics of programming

Course content:

- Introduction, basics overview, discussing support tools for programming
- Basic input-output operations
- The use of iteration, user selection switch
- Definitions and use of functions, function parameters
- One and two-dimensional tables
- Own header files, preprocessor directives
- String operations
- Structures and operations on structures
- Operations on files, reading and writing files

Skills:

He knows the basic methods, techniques, tools and materials used in solving simple engineering tasks, is able to assess the usefulness of basic methods and tools of solving simple task of engineering, is able to identify and formulate specification of simple engineering tasks of a practical nature

Form of teaching:

Computer labs, lectures, discussion, presentations.