Title **Computer Science**	Code **1010321211010320126**
Field **Electrica Engineering**	Year / Semester **1 / 1**
Specialty **-**	Course **core**
Hours Lectures: **2** Classes: **-** Laboratory: **-** Projects / seminars: **-**	Number of credits **3**
	Language **polish**

Lecturer:

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Faculty:

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Status of the course in the study program:

> Obligatory subject, Faculty of Electrical Engineering, Field: Electrical Engineering, Full-time first-degree studies

Assumptions and objectives of the course:

> Presenting the bases of computer science, microcomputer?s architecture and functionality, learning about algorithms construction, developing programming abilities in Borland Pascal and Delphi languages, introducing HTML language.

Contents of the course (course description):

> The history of computer science, its applications and researches. Microcomputers? architecture and functionality, communication with peripheral devices. Operating systems, working in the net. Internet. Selected application programs. Algorithms and data structures. Selected algorithms for solving analytical problems from such domains as mathematics and physics; sorting algorithms. Programming languages. The bases of programming in Borland Pascal and Delphi. Web pages description language ? HTML.

Introductory courses and the required pre-knowledge:

> Basic knowledge of computer service, Windows environment, mathematics. Description of physical phenomena.

Courses form and teaching methods:

> Audio-visual lectures.

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

> Tests, examination.

Basic Bibliography:

> -

Additional Bibliography:

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