

Title <b>Databases and Internet technology</b>	Code <b>1010321261010320172</b>
Field <b>Electrical Engineering</b>	Year / Semester <b>3 / 6</b>
Specialty -	Course <b>core</b>
Hours Lectures: <b>1</b> Classes: -    Laboratory: <b>2</b> Projects / seminars: -	Number of credits <b>2</b>
	Language <b>polish</b>

**Lecturer:**

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**Status of the course in the study program:**

Obligatory subject, Faculty of Electrical Engineering, Field: Electrical Engineering, Full time 1st degree studies

**Assumptions and objectives of the course:**

Procurement of practical ability related with creation of modern internet sites WWW (use of databases, languages XML and JavaScript and technology ASP.NET) and utilization of multiaccess databases systems.

**Contents of the course (course description):**

Characteristics of MS SQL Server, SQL and Transact-SQL, XML languages and Java Script, ASP (Active Server Pages), Web pages with relational databases, the characteristics of the platform.NET (runtime environment, data types, programming languages.NET Framework), base knowledge of language C#, controls and their application in C#, environment Web Developer Express Edition, ASP.NET, create Web pages using ASP technology.NET.

**Introductory courses and the required pre-knowledge:**

Base knowledge of computer science and programming in C++ language.

**Courses form and teaching methods:**

Auditorium lecture, Computer laboratory.

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

Mark with lecture at test result. Passing of laboratory work and individual projects.

**Basic Bibliography:**

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**Additional Bibliography:**

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