

Title <b>Internet applications</b>	Code <b>1010324491010320598</b>
Field <b>Computer science</b>	Year / Semester <b>5 / 9</b>
Specialty <b>Microprocessors systems programming</b>	Course <b>core</b>
Hours Lectures: <b>8</b> Classes: -    Laboratory: -    Projects / seminars: <b>8</b>	Number of credits <b>4</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: Computer science, Extramural undergraduate studies, Specialty: Microprocessors systems programming.

**Assumptions and objectives of the course:**

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

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

Characteristics of the platform.NET Framework and Visual Web Developer. Use built-in controls to help centrally manage the logical structure of the site and controlling access to the site. Use master pages and AJAX (Asynchronous JavaScript and XML). Building Web pages with access to relational databases (MS SQL Server, SQL and Transact-SQL). Software developed in ASP pages.NET using C#.

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

Base knowledge of computer science and programming in C++ language. Knowledge of relational databases and SQL.

**Courses form and teaching methods:**

Lecturer and laboratory in computer laboratory.

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

Finally test and individual projects.

**Basic Bibliography:**

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**Additional Bibliography:**

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