- Polish elective Cycle of study: Form of study (full-time, part-time) Form of study (full-time, part-time) No. of hours Lecture: 15 Classes: 15 Laboratory: - Project/seminars: - 4 Status of the course in the study program (Basic, major, other) (university-wide, from another field) (brak) Education areas and fields of science and at ECTS distribution (number and %) ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) technical sciences 4 100% ECTS distribution (number and %) <t< th=""><th colspan="8">STUDY MODULE DESCRIPTION FORM</th></t<>	STUDY MODULE DESCRIPTION FORM							
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and %) 4 100% Responsible for subject / lecturer: 4 100% Responsible for subject / lecturer: dr Ryszard Danecki dr inz. Zbigniew Wlodarczak @putpoznan.pl dr Ryszard Danecki @putpoznan.pl email: Ryszard.Danecki @putpoznan.pl tel. (+4861)665338 Faculty of Engineering Management Strzelecka Str. 11, 60-965 Poznań Strzelecka Str. 11, 60-965 Poznań The information Technology course of the first Term 1 Knowledge The Information Technology course of the first Term 2 Skills The skills of the Computer Science and Information Technology. Students should know basic standards for Web Page design both static and dynamic. They should understand the logical structure of a document, its formatting and interfaces with data bases and external processing applications. They should be belie to prepare web site using HTML. CSS and simple PHP scripts. Students will understand the structure of Websites and challenges in their design [K03-InzA_W01] 3. Students will understand the principles of scripts and HTML document and CSS file [K03-InzA_W01] Students will understand the principles of scripts and HTML document interation [K03-InzA_W01] Students will understand the principles of scripts and HTML document interation [K03-InzA_W01]								

Assessment methods of study outcomes

Formative assessment					
laboratories: current assessment of exercise completion and practical tests					
lectures: quiz					
Final grading					
laboratories: average of current assessment credits					
lectures: written exam					
Course description					
-Lectures:					

Web page design evolution from early stages to HTML5 and XML. The concept of logical structure and formatting separation -CSS. Active elements on the client side: JavaScript tools and libraries. Dynamic document generation on the server side: examples of PHP scripting. HTML forms and collecting data from the users. The Web Page life cycle. Design framework of Content Management Systems.

Laboratories:

Web page design exercises based on examples and building blocks explained in lectures. This includes both static HTML and JavaScript and PHP scripting.

Basic bibliography:

1. Eric A. Meyer Eric Meyer on CSS. Mastering the language of Web Design Pearson Education Inc., New Riders Publishing 2003

2. Luke Welling, Laura Thomson PHP and MySQL. Web Development Sams Corporation 2002

Additional bibliography:

- 1. The Internet resources Javascript and PHP scripts libraries
- 2. The Internet resources HTML5 tutorials and documentation

Result of average student's workload

Activity	Time (working hours)					
1. Attendance and participation in lectures and laboratory classes	30					
2. Preparation for the classes	30					
3. Consultations with the instructor	16					
4. Preparation for the credits	20					
5. Preparation for the final assessment	4					
Student's workload						
Source of workload	hours	ECTS				
Total workload	100	4				
Contact hours	50	2				
Practical activities	15	0				