STUDY MODULE DESCRIPTION FORM

Name of the module/subject **Programming Internet Applications**		Code **1011105321011160505**

Field of study **Engineering Management - Part-time studies -**	Profile of study (general academic, practical) **(brak)**	Year /Semester **1 / 2**

Elective path/specialty **Enterprise Management**	Subject offered in: **Polish**	Course (compulsory, elective) **elective**

Cycle of study: **Second-cycle studies**	Form of study (full-time,part-time) **part-time**

No. of hours				No. of credits **2**
Lecture: **-**	Classes: **-**	Laboratory: **-**	Project/seminars: **10**	

Status of the course in the study program (Basic, major, other) **(brak)**	(university-wide, from another field) **(brak)**

Education areas and fields of science and art	ECTS distribution (number and %**)**

Responsible for subject / lecturer:

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Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	The student has a basic knowledge associated with the creation of websites, including knowledge of HTML and CSS.
2	**Skills**	Student efficiently uses the file system and multiple versions of documents.
3	**Social competencies**	The student has the right habits in the smooth transmission and data security.

Assumptions and objectives of the course:

Preparing students to participate in the development and operation of web applications for typical business applications and public activities. You should be able to specify the requirements for large Web applications, and design and make yourself small.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. He has knowledge of the subject teaching context in relation to the management sciences and ergologic sciences and used in their research methods as well as the common and specific conceptual apparatus for management sciences - [K2A_W01]

2. He has in-depth knowledge of the determinants of organizational structures and the mechanisms of changes in the organizational structure of enterprises - [K2A_W03]

3. He knows in depth the methods and tools of information modeling - [K2A_W08]

4. He has in-depth knowledge of the processes of change organizational structures and management of these changes - [K2A_W15]

Skills:

1. He can properly analyze the causes and course of the processes and phenomena of social (cultural, political, legal, economic), to formulate their own opinions on the subject and put simple hypotheses and verify them - [K2A_U03]

2. Has the ability to use their knowledge in various areas and forms, enhanced by a critical analysis of the effectiveness and suitability of applied knowledge - [K2A_U06]

3. Has the ability to independently propose specific solutions to the problem of the management and implementation procedures for taking decisions in this area - [K2A_U07]

Social competencies:

1. He understands the need and knows the possibility of lifelong learning (third level courses, postgraduate courses) - raising professional competence, personal and social, is able to argue the need for learning throughout life - [K2A_K01]

2. Is aware of interdisciplinary knowledge and skills needed to solve complex problems of organization and the need to create interdisciplinary teams - [K2A_K06]

Assessment methods of study outcomes
Forming Rating: -based on the current assessment of the progress of the project work   Rating summary: -on the basis of the development of design task

Course description
Create and use scripts in JavaScript and PHP in HTML documents. Basics of SQL queries in MySQL database. Construction of hypertext documents. Building web applications. W3C standards applicable in the field of web design.

Basic bibliography:

1. PHP i MySQL. Od podstaw. Wydanie IV, Gilmore W.J., Helion, Gliwice, 2011

2. PHP i MySQL. Tworzenie stron WWW. Vademecum profesjonalisty. Wydanie IV, Welling L., Thomson L., Helion, Gliwice, 2009

Additional bibliography:

1. http://www.w3schools.com/

2. http://webmaster.helion.pl/

Result of average student's workload

Activity	Time (working hours)
1. Class Project	15
2. Preparing for classes	9
3. The project	10
4. Discussion of the project evaluation	1
5. Consultation	15

Student's workload

Source of workload	hours	ECTS
Total workload	50	2
Contact hours	26	1
Practical activities	24	1