POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)
pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Web Page Design

Course

Field of study	Year/Semester
Engineering Management	3/6
Area of study (specialization)	Profile of study
	general academic
Level of study	Course offered in
First-cycle studies	English
Form of study	Requirements
full-time	elective

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
15		
Tutorials	Projects/seminars	
15		

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

Ph.D.,Eng. Michał Trziszka

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Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

Responsible for the course/lecturer:

Prerequisites

The student starting this subject should have a basic knowledge of using a computer and a computer browser. He should also be able to obtain information from specified sources and be willing to cooperate as part of a team.

Course objective

The aim of the lectures is to provide the knowledge needed for independent website design. The purpose of the exercises is to design and build a simple website.

Course-related learning outcomes

Knowledge

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knows the methods and tools of data collection, their processing as well as the selection and distribution of information [P6S_WG_08]

has a basic knowledge of the life cycle of socio-technical systems [P6S_WG_13]

has a basic knowledge of the life cycle of industrial products [P6S_WG_15]

Skills

is able to plan and carry out experiments, including measurements and computer simulations, interpret the obtained results and draw conclusions [P6S_UW_09]

can - when formulating and solving engineering tasks - see their systemic, socio-technical, organizational, economic and non-technical aspects [P6S_UW_11]

can make a preliminary economic analysis of engineering activities [P6S_UW_12]

Social competences

is aware that creating products that meet the needs of users requires a systemic approach, taking into account technical, economic, marketing, legal, organizational and financial issues [P6S_KO_02]

is aware of the importance and understands the non-technical aspects and effects of engineering activities, including its impact on the environment, and the related responsibility for decisions [P6S_KR_01]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Knowledge acquired during the lecture is verified by one colloquium at the last lecture. The test consists of 10-15 questions (test and open), variously scored. Passing threshold: 50% of points. The final grade of the lecture is a grade from the colloquium. Final issues on the basis of which questions are prepared will be sent to students by e-mail using the university e-mail system.

Skills acquired as part of the laboratory classes are verified on the basis of two formative assessments: a final test, consisting of 5-7 tasks with various points depending on their level of difficulty, whose final threshold is 50% of the points, and the evaluation of the developed sample website. The final grade from the laboratory is based on the average of the forming grades.

Programme content

Lecture:

1. Introduction to websites

2. Internet technologies when creating software

3. Basics of HTML5: document structure, use of tags and attributes, text operations.

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4. HTML5 language continued: links, tables, forms on a website

5. Cascading CSS Style Sheets - an introduction to CSS styles and their use on the website.

6. Bootstrap - description and presentation of the framework.

7. Internet servers - connection to FTP / SCP.

8. Wordpress - installation, configuration and creation of websites based on a content management system.

Tutorials:

1. Basics of HTML5: document structure, use of tags and attributes, text operations.

2. HTML5 language continued: links, tables, forms on a website

3. Cascading CSS Style Sheets - introduction to CSS styles and their use on the website.

4. Bootstrap - description and presentation of the framework.

5. Internet servers - connection to FTP / SCP.

6. Wordpress - installation, configuration and creation of websites based on a content management system.

7. Using DIVI as an add-on to wordpress to create websites

Teaching methods

1. Lecture: multimedia presentation, illustrated with examples on the board.

2. Laboratory classes: multimedia presentation illustrated with examples given on the board and performance of tasks given by the teacher - practical tutorials.

Bibliography

Basic

Cwiczenia praktyczne HTML5, Danowski Bartosz, Wydawnictwo Helion, 2012

Bootstrap w 24 godziny, Kyrnin Jennifer, Wydawnictwo Helion, 2016

Additional

Bootstrap. Praktyczne projekty, Kortas Michal, Wydawnictwo Helion, 2016

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Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests, project preparation) [1]	45	2,0

[1] delete or add other activities as appropriate