



MODULE DESCRIPTION

Module code	ID1_PI7
Module name	Projekt inżynierski
Module name in English	Engineering Project
Valid from academic year	2011/12

MODULE PLACEMENT IN THE SYLLABUS

Subject	Computer Science
Level of education	1st degree <i>(1st degree / 2nd degree)</i>
Studies profile	General <i>(general / practical)</i>
Form and method of conducting classes	Full-time <i>(full-time / part-time)</i>
Specialisation	
Unit conducting the module	The Department of Computer Science
Module co-ordinator	Roman Stanisław Deniziak, PhD hab., Eng., Professor of the University
Approved by:	

MODULE OVERVIEW

Type of subject/group of subjects	Major <i>(basic / major / specialist subject / conjoint / other HES)</i>
Module status	Compulsory <i>(compulsory / non-compulsory)</i>
Language of conducting classes	Polish
Module placement in the syllabus - semester	7th semester
Subject realisation in the academic year	Winter semester <i>(winter / summer)</i>
Initial requirements	No requirements <i>(module codes / module names)</i>
Examination	No <i>(yes / no)</i>
Number of ECTS credit points	15

Method of conducting classes	Lecture	Classes	Laboratory	Project	Other
Per semester				15	



TEACHING RESULTS AND THE METHODS OF ASSESSING TEACHING RESULTS

Module target	The aim of the module is to master the ability of independent and comprehensive solving engineering problems from the field of computer science.
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Effect symbol	Teaching results	Teaching methods (l/c/l/p/other)	Reference to subject effects	Reference to effects of a field of study
U_01	The ability of gaining information from various sources as regards the assigned issues.	p	K_U01	T1A_U01 T1A_U07
U_02	The ability of independent and prompt solving as regards the assigned engineering issue.	p	K_U02	T1A_U02
U_03	The ability of presenting the results of realisation concerning and engineering project.	p	K_U04	T1A_U03 T1A_U04

Teaching contents:

The characteristics of project assignments

The completion of information project connected with a given specialisation (an information system of a graphical/multimedia application). A project is a comprehensive solution to the assigned engineering issue; it is completed either individually or in small teams (of 2 or 3 students). In the case of teamwork, each team member is allocated particular tasks to be completed as part of the project.

The methods of assessing teaching results

Effect symbol	Methods of assessing teaching results (assessment method, including skills – reference to a particular project, laboratory assignments, etc.)
U_01	Modernity assessment of the solution applied in the project based on the existing knowledge.
U_02	Assessing the correctness and completeness of the realised project.
U_03	Assessing the quality of project documentation.

STUDENT'S INPUT

ECTS credit points		
	Type of student's activity	Student's workload
1	Participation in lectures	
2	Participation in classes	
3	Participation in laboratories	
4	Participation in tutorials (2-3 times per semester)	
5	Participation in project classes	
6	Project tutorials	15
7	Participation in an examination	
8		
9	Number of hours requiring a lecturer's assistance	15 (sum)
10	Number of ECTS credit points which are allocated for assisted work (1 ECTS credit point=25-30 hours)	1



Projekt współfinansowany ze środków Unii Europejskiej w ramach Europejskiego Funduszu Społecznego

11	Unassisted study of lecture subjects	
12	Unassisted preparation for classes	
13	Unassisted preparation for tests	
14	Unassisted preparation for laboratories	
15	Preparing reports	
16	Preparing for a final laboratory test	
17	Preparing a project or documentation	360
18	Preparing for an examination	
19	Preparing questionnaires	
20	Number of hours of a student's unassisted work	360 <i>(sum)</i>
21	Number of ECTS credit points which a student receives for unassisted work <i>(1 ECTS credit point=25-30 hours)</i>	14
22	Total number of hours of a student's work	375
23	ECTS credit points per module <i>1 ECTS credit point=25-30 hours</i>	15
24	Work input connected with practical classes <i>Total number of hours connected with practical classes</i>	375
25	Number of ECTS credit points which a student receives for practical classes <i>(1 ECTS credit point=25-30 hours)</i>	15