



MODULE DESCRIPTION

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| Module code | |
| Module name | Projekt zespołowy |
| Module name in English | Team Project 2 |
| Valid from academic year | 2011/12 |

MODULE PLACEMENT IN THE SYLLABUS

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|---------------------------------------|------------------------------------------------------------------------------|
| 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

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|---------------------------------------------|------------------------------------------------------------------------------------|
| 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 | 6th semester |
| Subject realisation in the academic year | Summer 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 | 4 |

| Method of conducting classes | Lecture | Classes | Laboratory | Project | Other |
|------------------------------|---------|---------|------------|-----------|-------|
| Per semester | | | | 45 | |

TEACHING RESULTS AND THE METHODS OF ASSESSING TEACHING RESULTS

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| Module target | The aim of the module is to complete team projects which cover the following: requirement analysis, dividing the assignment into stages, allocating subtasks among team members, preparing a schedule together with the expected results, preparing documentation, preparing a comprehensive solution of the project assignment. |
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| Effect symbol | Teaching results | Teaching methods (Vc/l/p/other) | Reference to subject effects | Reference to effects of a field of study |
|---------------|---------------------------------------------------------------------------------------|------------------------------------|------------------------------|------------------------------------------|
| U_01 | The ability of designing information systems in large project teams. | p | K_U02 | T1A_U02 |
| U_02 | The ability of gaining knowledge from various sources as regards the assigned issues. | p | K_U01 | T1A_U01 T1A_U07 |
| U_03 | The ability of preparing documentation of an information system. | p | K_U03 | T1A_U03 |
| K_01 | Teamwork. | p | K_K03 | T1A_K03 T1A_K04 |

Teaching contents:

The characteristics of project assignments

The realisation of information projects as regards the subject connected with the selected specialisation (an information system or a graphical/multimedia application). The project is completed in large teams, drawing particular attention to the following:

1. The application of tools, technologies, and appropriate methods to solve the selected problem according to the current knowledge in a given field of study.
2. Even division of work within the team, correct co-operation, completing tasks according to the agreed schedule.
3. Preparing complete documentation as regards 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 | Assessing the completeness of realising project assignments. |
| U_02 | Assessing the solutions applied in the project on the basis of the existing knowledge. |
| U_03 | Documentation quality assessment. |
| K_01 | Assessing the division of work in the team. |

STUDENT'S INPUT

| ECTS credit points | | Student's workload |
|--------------------|----------------------------------------------------------|--------------------|
| | Type of student's activity | |
| 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 | 45 |
| 6 | Project tutorials | 5 |
| 7 | Participation in an examination | |
| 8 | | |
| 9 | Number of hours requiring a lecturer's assistance | 50 (sum) |



Projekt współfinansowany ze środków Unii Europejskiej w ramach Europejskiego Funduszu Społecznego

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|----|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 10 | Number of ECTS credit points which are allocated for assisted work <i>(1 ECTS credit point=25-30 hours)</i> | 2 |
| 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 | 45 |
| 18 | Preparing for an examination | |
| 19 | Preparing questionnaires | |
| 20 | Number of hours of a student's unassisted work | 45 <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> | 2 |
| 22 | Total number of hours of a student's work | 95 |
| 23 | ECTS credit points per module <i>1 ECTS credit point=25-30 hours</i> | 4 |
| 24 | Work input connected with practical classes <i>Total number of hours connected with practical classes</i> | 95 |
| 25 | Number of ECTS credit points which a student receives for practical classes <i>(1 ECTS credit point=25-30 hours)</i> | 4 |