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|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| FACULTY Computer Science and Management / DEPARTMENT..... | | | | | |
| SUBJECT CARD | | | | | |
| Name in Polish Seminarium przygotowawcze | | | | | |
| Name in English Preparatory Seminar | | | | | |
| Main field of study (if applicable): Informatics | | | | | |
| Specialization (if applicable): Computer Engineering | | | | | |
| Level and form of studies: 1st/ 2nd* level, full-time /part-time* | | | | | |
| Kind of subject: obligatory /optional /university-wide* | | | | | |
| Subject code INZ0141S | | | | | |
| Group of courses YES / NO* | | | | | |
| | Lecture | Classes | Laboratory | Project | Seminar |
| Number of hours of organized classes in University (ZZU) | | | | | 30 |
| Number of hours of total student workload (CNPS) | | | | | 60 |
| Form of crediting | Examination / crediting with grade* |
| For group of courses mark (X) final course | | | | | |
| Number of ECTS points | | | | | 2 |
| including number of ECTS points for practical (P) classes | | | | | |
| including number of ECTS points for direct teacher-student contact (BK) classes | | | | | 1,2 |

*delete as applicable

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1 Knowledge, skills and competences acquired at Informatics field at second level of study until 3rd semester

SUBJECT OBJECTIVES

C1 Preparing students to write a master thesis according the internal requirements in Informatics field at Faculty of Computer Science and Management, Wrocław University of Technology,
 C2 Providing students with basic skills related to preparation and presentation of scientific texts, beginning from the choice of topic, selection of tasks to be performed, use of literature to interpretation of the results.

SUBJECT EDUCATIONAL EFFECTS

relating to knowledge:

...

relating to skills:

PEK_U01 He is able to acquire information from literature, databases and other sources, for the purpose of preparation a presentation on a selected topic, is able to integrate the information obtained, interpret them and also draw conclusions and formulate and justify opinions.

PEK_U02 He can work and communicate using a various information and communication techniques in order to present the results of work and during the seminar presentations.

relating to social competences:

PROGRAMME CONTENT

| Form of classes - lecture | | Number of hours |
|-------------------------------------|--|------------------------|
| Lec 1 | | |
| Lec 2 | | |
| | Total hours | |
| Form of classes - class | | Number of hours |
| Cl 1 | | |
| Cl 2 | | |
| | Total hours | |
| Form of classes - laboratory | | Number of hours |
| Lab 1 | | |
| Lab 2 | | |
| | Total hours | |
| Form of classes - project | | Number of hours |
| Proj 1 | | |
| Proj 2 | | |
| | Total hours | |
| Form of classes - seminar | | Number of hours |
| Sem 1 | Familiarization with the principles of master thesis realization at Informatics field. Rules related to student presentations. Determining the schedule of student presentations. | 2 |
| Sem 2 | Review of basic skills related to preparation and presentation of scientific texts by students, beginning from the choice of topic, selection of tasks to be performed, use of literature and also how to write thesis and how obtained results should be interpret. | 2 |
| Sem 3 – Sem15 | During semester each student has 2 presentations. The first presentation is related to the general view of the discipline related to his Master thesis topic and the primary aim of thesis. The purpose of the second presentation is presentation the first results of prepared thesis. | 26 |

| | |
|-------------|----|
| Total hours | 30 |
|-------------|----|

TEACHING TOOLS USED

N1. Multimedia presentations
 N2. Examples of scientific papers and reports from the field of computer science.
 N3. E-Learning System used to publish teaching materials and announcements, also used for collection and evaluation of student work.

EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT

| Evaluation (F – forming (during semester), P – concluding (at semester end) | Educational effect number | Way of evaluating educational effect achievement |
|--|------------------------------|---|
| P | PEK_U01 PEK_U02 | Evaluation of the presentation of the work at the seminar and prepared documentation from the presentation. The evaluation shall be subject to the fulfillment of the requirements for the presentation, including its substantive scope, structure and organization of presentation, techniques of conversation, a form of presentation, compactness of presentation and conclusions reached. Participation in the discussions after presentation is also evaluated. In addition, the seminar leader is able to control the cooperation between supervisors and graduate students. |

PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

- [1] Literature related to the scope of realized project selected by student and recommended by the teacher.
- [2] Requirements for engineering thesis at the Faculty of Computer Science and Management, Wrocław University of Technology, www.wiz.pwr.wroc.pl

SECONDARY LITERATURE:

SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)

Dr inż. Jan Kwiatkowski, jan.kwiatkowski@pwr.wroc.pl

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT
Preparatory Seminar
 AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY **Infomatics**
 AND SPECIALIZATION **Computer Engineering**

| Subject educational effect | Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)** | Subject objectives*** | Programme content*** | Teaching tool number*** |
|----------------------------|---|-----------------------|----------------------|-------------------------|
| PEK_U01 (skills) | K2INF_U01, K2INF_U02 | C1, C2 | Se1-15 | N1, N2, N3 |
| PEK_U02 | K2INF_U01, K2INF_U02 | C1, C2 | Se1-15 | N1, N2, N3 |

** - enter symbols for main-field-of-study/specialization educational effects

*** - from table above