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
Diploma seminar

Course

Field of study	Year/Semester
Computing	4/8
Area of study (specialization)	Profile of study
	general academic
Level of study	Course offered in
First-cycle studies	Polish
Form of study	Requirements
part-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
0	0	
Tutorials	Projects/seminars	
	12	

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

dr inż. Rafał Klaus
email: Rafal.Klaus@put.poznan.pl
tel. (48)(61) 665-2574
Instytut Informatyki
60-965 Poznań, ul. Piotrowo 2

Responsible for the course/lecturer:

Prerequisites

Knowledge of software development methods and tools as well as general knowledge of the domain of computing

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Course objective

Stimulating students to systematically work on an engineering project, developing their skills in presenting technical content and participating in critical discussions on this type of presentation.

Course-related learning outcomes

Knowledge

1. The student has knowledge of the life cycle of information systems (especially software) and their key processes.

2. The student knows the basic techniques, methods and tools used in the software development processes.

Skills

1. The student is able to prepare and present a well-documented study of computer science problems, including an oral presentation, and to participate in a discussion related to them.
2. The student is able to organize, cooperate and work in a team and is able to properly define priorities for the implementation of a specific task.

Social competences

The student is able to think and act in an entrepreneurial way, taking into account not only technical but also socio-economic aspects.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Students carry out a semester team project (as their diploma thesis) and during the seminar they present various aspects related to this project and conduct discussions on this topic. Not only presentations are assessed, but also participation in the discussion (the accuracy of the comments and questions asked). Presentations and participation in discussions are rated on a scale of 0 (definitely bad or none) to 10 (perfect). Detailed rules are set out in the "Course Rules" available on the Moodle course website related to this subject.

Programme content

1. Project brief
2. Requirements
3. Interface design
4. Architecture
5. Quality assessment
6. Second release
7. Defense rehearsal

Teaching methods

Student presentations and discussions on projects and presentations.

Bibliography

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Basic

1. Klaus Rafał, Wzorzec edycji pracy inżynierskiej,

http://www.cs.put.poznan.pl/rklaus/wzorzec/wzorzec.pdf

2. PN-ISO 690: 2002 Dokumentacja. Przypisy bibliograficzne. Zawartość, forma i struktura.

3. PN-ISO 690-2: 1999 Informacja i dokumentacja – Przypisy bibliograficzne – Arkusz 2: Dokumenty elektroniczne i ich części

Additional

1. Dudziak A., Żejmo A., Redagowanie prac dyplomowych. Difin. Warszawa, 2008

2. Markus Puschel, How to Give Strong Technical Presentation, ETH Zurich (also available from the course page on Moodle)

3. The Scrum Guide, https://www.scrum.org/resources/scrum-guide

Breakdown of average student's workload

	Hours	ECTS
Total workload	24	2,0
Classes requiring direct contact with the teacher	12	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]	12	1,0

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[1] delete or add other activities as appropriate