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tel. 665-3724, 665-3729 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań Prerequisites in terms of knowledge, skills and social competencies:						
1 Knowledge Student knows the typical computer engineering technologies.	Student knows the typical computer engineering technologies.					
	Student is able to formulate requirements, develop and evaluate an object-oriented model of the system, taking into account the functions performed and the relationship between components of the system.					
Social Competencies The student is aware of their own responsibility for their work and a willingness to comply with the principles of teamwork in implementation of the given tasks.						
Assumptions and objectives of the course:						
Principles of workflow management systems.						
Study outcomes and reference to the educational results for a field of study						
Knowledge:						
1. Student has a basic knowledge of computer systems characterized by specific features and specifications.	- [K_W12]					
Skills: 1. Student is able - working in a team - to specify parts of unusual or complex systems [K_U08] 2. Student is able - working in a team - to design and implement parts of unusual or complex systems [K_U09]						
Social competencies:						
1. Student understands the need to inform the community on the achievements of science and other aspects of computer science engineer, shall endeavor to provide the information in an understandable way, presenting different points of view [K_K02]						

Assessment methods of study outcomes		
Lectures: written tests, pass criterion of 50.1% points		
Project labs: ocena wykonanych projektów i sprawozdań.		
Course description		

Faculty of Electrical Engineering

Lectures: Basic concepts, including processes, actions, events, partycypants. Modeling of the workflow: XPDL and BPMN. The basic components of workflow management systems.

Course update 2017: Examples of workflow management systems.

Projects: Projects carried out by groups of students.

Teaching methods:

lectures - with multimedia presentation, additional topics included in Moodle course

projects - group work, multimedia presentation, analysis/discussion, used tools enable students to perform tasks at home

Basic bibliography:

1. http://www.bpmn.org/

Additional bibliography:

- 1. https://camunda.org/bpmn/tutorial/
- 2. Subieta K., Zarzadzanie przeplywem pracy I 1998.ppt

3. Subieta K., Zarzadzanie przeplywem pracy II 1998.ppt

4. Bartoszek J., Brzykcy G., Wybrane elementy środowiska informatycznego, Wydawnictwo PP, Poznań, 2000

Result of average student's workload

Activity	Time (working hours)
1. Paricipation in lectures	8
2. Participation in project labs.	8
3. Project modeling and design	15
4. Consultations	8
5. Studying additional problems mentioned in the lectures	36

Student's workload

•	Source of workload	hours	ECTS
	Total workload	75	3
	Contact hours	24	1
	Practical activities	23	1