

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Project management		Code 1010612231010646694
Field of study Mechanika i budowa maszyn	Profile of study (general academic, practical) (brak)	Year /Semester 2 / 3
Elective path/specialty Product engineering (Inżynieria produktu)	Subject offered in: English	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 1 Classes: - Laboratory: 2 Project/seminars: -		No. of credits 3
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 3 100% 3 100%
Responsible for subject / lecturer: Prof. dr hab. inż. Zbigniew Kłos email: zbigniew.klos@put.poznan.pl tel. 61 665 2231 Machines and Transport Piotrowo 3, 60-965 Poznań		Responsible for subject / lecturer: dr inż. Krzysztof Koper email: krzysztof.koper@put.poznan.pl tel. 61 665 2110 Machines and Transport Piotrowo 3, 60-965 Poznań
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Student has fundamental knowledge about management of organizations and fundamental knowledge on quality and innovation development.
2	Skills	Student possesses ability of perceiving and associating of phenomena occurring in management of market oriented organizations and is able to interpret them, draw practical conclusions and to formulate opinions.
3	Social competencies	Student has the awareness of importance and understands the effects of undertaking innovative, market oriented, activities.
Assumptions and objectives of the course: Transmitting to the students the knowledge of fundamental issues connected with understanding of the specific activities to be developed to manage the projects in different organizations.		
Study outcomes and reference to the educational results for a field of study		
Knowledge: 1. Has general knowledge in the field of standardization, recommendations and EU directives, international, national and industry standards in the area of management of projects. - [K2A_W09] 2. Has a basic knowledge of entrepreneurship and business economy systems. - [K2A_W14]		
Skills: 1. Is able to use an international language in contacts with professionals from the same, performed project. - [K2A_U01] 2. Is able to prepare a scientific paper in a foreign language on the project management issues, based on literature and other sources of information, including online sources and submit an oral presentation in this field. - [K2A_U02]		
Social competencies: 1. Is able to interact in a group taking on the different roles. - [K2A_K03] 2. Is able to set priorities for realization of undertaken tasks. - [K2A_K04] 3. Is able to think and act in an entrepreneurial manner. - [K2A_K05]		
Assessment methods of study outcomes		
Control test (lecture) and laboratory outcomes (reports)		

Course description		
Introduction into fundamental terms: project, project management, attributes of project, operational activities, project programs, project portfolio, project manager. Life cycle of project. Phases of traditional project - framework. Main goals of project and relations between them, Introduction into the management of projects. Project initiating. Project planning. Project control. Cost evaluation in project. Methods and methodologies of project management. Standards of project management. The main tools used to management of projects. Definition of project. Project risk management. Implementation of project planning. Non-traditional project management approaches.		
Basic bibliography:		
1. T. Buczkowska, Project management. OW PW, Warszawa 2012.		
2. R.K. Wysocki, Effective project management ? traditional, Agile, extreme. Wiley Publishing, San Francisco 2009		
Additional bibliography:		
1. T.L. Young, Successful Project Management. Kogan Page, London 2006.		
Result of average student's workload		
Activity	Time (working hours)	
1. Lecture participation	15	
2. Consolidation of lecture content	3	
3. Consultations	2	
4. Preparation for assessment	8	
5. Assessment participation	2	
6. Laboratory participation	15	
Student's workload		
Source of workload	hours	ECTS
Total workload	45	3
Contact hours	34	3
Practical activities	0	0