

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Project management</b>		Code <b>1011101341011110631</b>
Field of study <b>Engineering Management - Full-time studies -</b>	Profile of study (general academic, practical) <b>general academic</b>	Year /Semester <b>2 / 4</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time,part-time) <b>full-time</b>	
No. of hours Lecture: <b>15</b> Classes: <b>15</b> Laboratory: <b>-</b> Project/seminars: <b>15</b>		No. of credits <b>4</b>
Status of the course in the study program (Basic, major, other) <b>other</b>		(university-wide, from another field) <b>from field</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b> <b>social sciences</b> <b>Economics</b>		ECTS distribution (number and %) <b>3 75%</b> <b>3 75%</b> <b>1 25%</b> <b>1 25%</b>
<b>Responsible for subject / lecturer:</b>  PhD. DSc. Eng. Magdalena Wyrwicka email: magdalena.wyrwicka@put.poznan.pl tel. +48616653369 of Engineering Management Poland, Poznań, Strzelecka str. 11		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Basic of management
2	<b>Skills</b>	basic of mathematics
3	<b>Social competencies</b>	communication in team
<b>Assumptions and objectives of the course:</b> -- Understanding of project essence and role in management, rules and knowledge of project's management instruments, knowledge of project definition and planning, organization of project realization and controlling		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. The student can explain basic definitions of project management and structures - [K1A_W04]		
2. The student can the rules of knowledge based development - [K1A_W20]		
3. Student knows about social-technical system's life cycle - [K1A_W23]		
<b>Skills:</b>		
1. Student can explore informations, put them in order , analyse and present - [K1A_U07]		
2. Student can use computer support of projets' planning and implementation - [K1A_U04]		
3. Student can use teamwork and knows how to organise cooperation - [K1A_U15]		
<b>Social competencies:</b>		
1. Student can work in team - [K1A_K02]		
2. Student knows about impotence of teamwork - [K1A_K08]		
<b>Assessment methods of study outcomes</b>		

<ul style="list-style-type: none"> <li>- exercises</li> <li>- presentation of team work results</li> </ul>		
- test		
<b>Course description</b>		
<p>-Projects place and role in management. Substance and kinds of projects. Projects maturity. Life cycle of project. Initiation and definition of projects. Performance assessment and risk analysis. Work breakdown structure (WBS). Planning of project?s duration and resources. Budgeting. Controlling. Organization of project team. Institutional forms of project management. Computer software to aid project management. Presentation some praxis examples of projects.</p> <p>Methods:          Project: project supported with MsProject or PERTbest          Exercise: workshop          Lecture: information lecture</p>		
<b>Basic bibliography:</b>		
<ol style="list-style-type: none"> <li>1. Project Management Institute - Kompendium wiedzy o zarządzaniu projektami. (A Guide to the Project Management Body Of Knowledge. PMBOK? Guide . 2000 Edition), MT&amp;DC, Warszawa 2003</li> <li>2. Wyrwicka M.K. ? Zarządzanie projektami, Wyd. Politechniki Poznańskiej, Poznań 2011</li> <li>3. Prussak W., Wyrwicka M., Zarządzanie projektami, Zachodnie Centrum Organizacji, Poznań 1997</li> <li>4. Badzińska E., Wyrwicka M. (2016), Models of creation and development of an enterprise ? a conceptual approach, Zeszyty Naukowe Politechniki Poznańskiej seria Organizacja i Zarządzanie, Nr 70/2016</li> </ol>		
<b>Additional bibliography:</b>		
<ol style="list-style-type: none"> <li>1. Chrapko M., SCRUM. O zwinnym zarządzaniu projektami, Wyd.2, Wydawnictwo Helion, Gliwice 2015</li> <li>2. Wysocki R., Efektywne zarządzanie projektami. Tradycyjne, zwinne, ekstremalne, Wydawnictwo Helion, Gliwice, 2013</li> </ol>		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. lecture	15	
2. exercises	15	
3. projects	15	
4. consultations	50	
5. student	20	
6. exam	5	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	120	4
Contact hours	100	3
Practical activities	30	1