

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Project management</b>		Code <b>1011105241011140631</b>
Field of study <b>Engineering Management - Part-time studies -</b>	Profile of study (general academic, practical) <b>(brak)</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>part-time</b>	
No. of hours Lecture: <b>10</b> Classes: <b>10</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>4</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art  <b>social sciences</b> <b>Economics</b>  <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %)  <b>1 25%</b> <b>1 25%</b> <b>2 75%</b> <b>2 75%</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]		
<b>Skills:</b>		
1. Student can explore informations, put them in order , analyse and present - [K1A_U07]		
<b>Social competencies:</b>		
1. Student can work in team - [K1A_K02]		
<b>Assessment methods of study outcomes</b>		

<p>- Forming evaluation:</p> <p>a) in the scope of exercises: activity during classes and evaluation for the implementation of partial tasks</p> <p>b) in the field of lectures: verification of knowledge regarding the material converted in previous lectures, participation in the discussion</p> <p>c) for projects: preparation of input data for the development of a task in MSProject or PERTbest</p> <p>Summary rating:</p> <p>a) in the scope of exercises: presentation of the results of the assignment task at the group forum and discussion</p> <p>b) for lectures: written exam (4 descriptive questions) 50% of the grade and oral exam (3 questions) 50% of the grade; the marks for both exams must be positive</p> <p>c) in the scope of projects: presentation of the results of work on the schedule and network of activities developed in MSProject or PERTbest</p>
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**Course description**

-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.

Methods: lecture, workshop, project, presentation

**Basic bibliography:**

1. Wyrwicka M.K., Zarządzanie projektami, Wyd. Politechniki Poznańskiej, Poznań 2011
2. Wyrwicka M. ? Niektóre uwarunkowania efektywnej realizacji projektów. [w:] Zeszyty Naukowe Politechniki Poznańskiej, seria Organizacja i Zarządzanie, 2000 Nr 29, s. 113-118;
3. Wysocki R.K., McGary R. ? Efektywne zarządzanie projektami, wyd. 3. HELION, Gliwice, 2005
4. Prussak W., Wyrwicka M., Zarządzanie projektami, Zachodnie Centrum Organizacji, Poznań 1997
5. Wyrwicka M.K., Zarządzanie projektowe [w:] Elementy inżynierii logistycznej (red.) M. Fertsch, Biblioteka Logistyka, Poznań 2017

**Additional bibliography:**

1. Trocki M., Grucza B., Ogonek K. ? Zarządzanie projektami. PWE, Warszawa 2003
2. Pawlak M., Zarządzanie Projektami, PWN, Warszawa 2006

**Result of average student's workload**

Activity	Time (working hours)
1. lecture	10
2. exercises	10
3. teamwork	15
4. consultations	5
5. student	20

**Student's workload**

Source of workload	hours	ECTS
Total workload	60	4
Contact hours	25	2
Practical activities	10	1