

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>(-)</b>		Code <b>1011105321011119378</b>
Field of study <b>Engineering Management - Part-time studies -</b>	Profile of study (general academic, practical) <b>general academic</b>	Year /Semester <b>1 / 2</b>
Elective path/specialty <b>Quality Systems and Ergonomics</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>elective</b>
Cycle of study: <b>Second-cycle studies</b>	Form of study (full-time, part-time) <b>part-time</b>	
No. of hours Lecture: <b>12</b> Classes: <b>-</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>2</b>
Status of the course in the study program (Basic, major, other) <b>other</b>		(university-wide, from another field) <b>university-wide</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %) <b>2 100%</b> <b>2 100%</b>
<b>Responsible for subject / lecturer:</b>  dr hab.inż. Magdalena Wyrwicka email: magdalena.wyrwicka@put.poznan.pl tel. 616653376 of Engineering Management Strzelecka 11, Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Student has the knowledge of basic management
2	<b>Skills</b>	Student is able to discern to associate and to interpret the occurrence appearances in enterprise
3	<b>Social competencies</b>	Student understand and is prepared for held his social responsibility in business creation
<b>Assumptions and objectives of the course:</b> Getting acquaint students with the enterprise development modelling		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. Student has the knowledge of structural changes in development processes - [K2A_W15]		
2. Student has the knowledge of methodology to identify a phase of growth and to prepare scenarios - [K2A_W09]		
<b>Skills:</b>		
1. Student is able to build models of enterprise development - [K2A_U04]		
2. Student is able to examin an enterprise to identify a phase of growth - [K2A_U06]		
3. Student is able to prepare scenarios of development for the future - [K2A_U07]		
<b>Social competencies:</b>		
1. Student undertands the need of team working in area enterprise development because of the variety of knowledge, skills and problems - [K2A_K06]		
2. Student is conscious of the role, required competences and responsibilities of managers dcisions - [K2A_K02]		
<b>Assessment methods of study outcomes</b>		

Forming grade: lectures: on the basis of the answers to the questions concerning the discussed problems at the previous lectures Sum up grade: Test (4 topics to describe, 3 points 'a answer) during the last meeting of semester. Esey about chosen element of enterprise development		
<b>Course description</b>		
Development and growth models. Methodology of identify a phase of deveolpment. Scenarios building. Foresight methodology.		
<b>Basic bibliography:</b>		
1. Wyrwicka M.K. Elements of Enterprise Development [w:] Integral Management and Governance: Empirical Findings of MER Model, Mojca Duh, Jerniej Belak (Eds.), LAP Lambert Academic Publishing, Saarbrucken 2014, pp. 139-166 2. Popper R. 33 Foresight Methods, <a href="https://rafaelpopper.wordpress.com/foresight-methods">https://rafaelpopper.wordpress.com/foresight-methods</a> [2013]		
<b>Additional bibliography:</b>		
1. Malinowski Ł., Wyrwicka M.K., Grzybowski A., Building competitive advantages and organization wisdom [in:] Knowledge management and Organizational Culture of Global Organization, Grzybowska K., Wyrwicka M. (eds.) Wyd. Politechniki Poznańskiej, Poznań 2011 (pp.29-40) 2. Belak J., Belak J., Duh M., Integral Managemant and Governance: Basic Features of MER Model, LAP Lambert Academic Publishing, Saarbrucken 2014,		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. Lectures	20	
2. Classess	12	
3. Consulatation	10	
4. Own studies	8	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	50	2
Contact hours	12	1
Practical activities	10	1