



Subject card

Subject name and code	MANAGEMENT SIMULATION GAME, PG_00066858						
Field of study	Engineering Management						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2024/2025		
Education level	first-cycle studies	Subject group			Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Part-time studies (on-line)	Mode of delivery			blended-learning		
Year of study	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Management Engineering and Quality -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Grzegorz Zieliński					
	Teachers	dr inż. Grzegorz Zieliński					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	8.0	16.0	0.0	0.0	0.0	24
	E-learning hours included: 18.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours		Self-study	SUM	
	Number of study hours	24	0.0		0.0	24	
Subject objectives	Models and optimizes processes and technical systems in the area of production planning and control, using simulation methods						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W13] has a basic knowledge of the design, modelling and optimisation of technical processes and systems	has basic knowledge of designing, modeling and optimizing processes of a newly established business			[SW2] Assessment of knowledge contained in presentation		
	[K6_W81] has knowledge of grammatical structures and lexical resources needed to communicate in foreign language in terms of general and specialist language related to field of study	has knowledge of grammatical structures and lexical areas of a foreign language in the area of conducting production activities			[SW2] Assessment of knowledge contained in presentation		
	[K6_U10] uses tools to measure and improve technical solutions concerning: devices, objects, systems, processes, products and services	uses tools to improve solutions related to running a business			[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools		
	[K6_K82] is equipped to participate in lectures, seminars and laboratory classes conducted in foreign language	is prepared to participate in classes in a foreign language - related to establishing and running a business			[SK1] Assessment of group work skills [SK2] Assessment of progress of work		
Subject contents	<p>Introduction Organization of the company - organization of the team; defining goals; market research Establishment of the company - construction of a production plant; developing a business strategy; brand design; scheduling the sales office Entering the test market - establishing a production schedule; determination of salaries; hiring staff and assigning tasks; fixing prices; development of an advertising campaign; carrying out market research Improvement of activities - improvement of processes; pro-quality activities; market data analysis; strategy correction Development investments - activities improving efficiency; strategy consolidation; business plan and funding sources; research and development works; increasing employee satisfaction; increasing the sales network Expanding the market offer - introducing new products; market expansion Improving the business strategy - analysis of market, production and financial data; improving the distribution of scarce resources</p>						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation	60.0%	30.0%
	Simulation results - evaluation	60.0%	70.0%
Recommended reading	Basic literature	Manual gry symulacyjnej Marketplace Essentials of Strategic Management, Author: Arthur A. Thompson and John Gamble 2008; marketplace-simulation.com Chernev A., Understanding Customers (Strategic Marketing Management Book 4), 2019	
	Supplementary literature	Warner M., Witzel M., Zarządzanie organizacją wirtualną. Oficyna Ekonomiczna PWP. Warszawa 2005 Pająk E. Zarządzanie produkcją. Wyd PWN 2011 Start Your Own Business: The Only Startup Book You'll Ever Need, The Staff of Entrepreneur Media, 2021	
	eResources addresses	Adresy na platformie eNauczenie: Management Simulation Game lato 2025 sem VI - ZAOCZNE - Moodle ID: 43299 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=43299	
Example issues/ example questions/ tasks being completed	Define the basic aspects of building the company's operational strategy Define the barriers to improving production activities in a newly opened enterprise Define the risk of entering the market of new products		
Work placement	Not applicable		

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