



Subject card

Subject name and code	PRODUCTION PLANNING, PG_00061484						
Field of study	Engineering Management						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2027/2028		
Education level	first-cycle studies	Subject group			Optional subject group		
Mode of study	Part-time studies (on-line)	Mode of delivery			at the university		
Year of study	4	Language of instruction			Polish		
Semester of study	7	ECTS credits			3.0		
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 hab. inż. Piotr Grudowski					
	Teachers						
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: 0.0						
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	5.0		46.0		75
Subject objectives	Draws up a production plan at the tactical level, and then controls its implementation at the operational level, taking into account the company's conditions						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_K03] demonstrates the ability to think critically and analytically and integrates knowledge from many disciplines in order to make effective decisions	shows a critical approach to the issue of production planning, preparing to make effective decisions			[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_U06] acquires new knowledge by planning own development conducive to achieving the set goals	extends advanced knowledge in the field of study with new areas of production planning			[SU3] Assessment of ability to use knowledge gained from the subject		
Subject contents	Plan, planning in the enterprise Characteristics of the planning process Levels, areas and term scope of planning Planning, strategic plan: mission, vision, business plan Limitations in the planning process Enterprise level tactical plan Design production program Principles, factors and constraints in the planning process at the enterprise level Impact of production capacity on the planning process Production planning in a stationary process (project) Action networks, Gantt chart Production planning in a non-pipeline process Production scheduling Objectives, evaluation criteria, scheduling methods Production planning in the pipeline process Operational plan at the production station level Computer applications of production planning systems						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Project	60.0%			50.0%		
	Test	60.0%			50.0%		

Recommended reading	Basic literature	Durlik I.: Inżynieria zarządzania. Agencja Wydawnicza. wyd 8 PLACET, 2005 Organizacja i sterowanie produkcją. Projektowanie systemów produkcyjnych i procesów sterowania produkcją. Pod red M. Brzezińskiego. Agencja Wydawnicza. PLACET, 2002 Griffin R. W.: Podstawy zarządzania organizacjami. Wyd. PWN; 2004
	Supplementary literature	not relevant
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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