



## Subject card

Subject name and code	PRODUCTION PLANNING, PG_00061375						
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	Full-time studies		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 -> Wydziały Politechniki Gdańskiej						
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	15.0	30.0	0.0	0.0	0.0	45
	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	45		5.0		25.0	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_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		
	[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		
Subject contents	Plan, planning in the enterprise Characteristics of the planning proces Levels, areas and term scope of planning Planning, strategic plan: mission, vision, business plan Limitations in the planning proces 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 proces Production planning in a stationary process (project) Action networks, Gantt chart Production planning in a non-pipeline proces Production scheduling Objectives, evaluation criteria, scheduling methods Production planning in the pipeline proces 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	.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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