

**Subject card**

<b>Subject name and code</b>	Lean Management, PG_00179730						
<b>Field of study</b>	Informatics and Econometrics						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Optional subject group		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	2	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Department of Organisational Behaviour -> Faculty of Management -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		mgr Pamela Omiotek				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	15		1.0		34.0	50
<b>Subject objectives</b>	The aim of the course is for the student to acquire basic knowledge in the field of Lean Management.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ZSSML3_W01] The student as advanced knowledge in the discipline of management and quality sciences and understands its interrelationship with other social sciences.	Student possesses in-depth knowledge of Lean Management as a contemporary concept in process management and work organisation.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[ZISZL3_W01] The student has advanced knowledge of the discipline of management and quality sciences and understands its interrelationships with other social sciences.	Student understands the Lean Management concept and recognises the importance of organisational culture in establishing a Lean organisation. They can describe the key principles and tools of Lean and their role in improving organisational processes.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[FiRL3_W01] Has advanced knowledge and understanding of the nature and evolution of management, quality, economics, and finance theories and their place in the social sciences system, particularly from the perspectives of finance and accounting	Student understands the development of the Lean Management concept within the field of management and quality sciences, as well as its connections to economics and finance.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[ZARZL3_W01] Has advanced knowledge and understanding of the nature and evolution of management, quality sciences, economics, and finance theories, along with their place in the social sciences system —particularly their relevance to business decision-making	Student understands the importance of business decision-making, particularly in areas such as process analysis, waste identification, and problem-solving.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
Subject contents	1. Basic knowledge of Lean Management  2. Basic principles of applying Lean Management  3. The Toyota Model  4. Lean Culture  5. Selected issues in the field of problem solving		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Single choice test	51.0%	100.0%
Recommended reading	Basic literature	Liker J. K.: Droga Toyoty 14 zasad zarządzania wiodącej firmy produkcyjnej świata, Wyd. MT Biznes, Warszawa 2022  Walentynowicz P.: Uwarunkowania skuteczności wdrażania koncepcji Lean Management w przedsiębiorstwach produkcyjnych w Polsce, wyd. Uniwersytetu Gdańskiego, Gdańsk 2014  Womack J.P. i in.: Maszyna która zmieniła świat. ProdPress.com, Wrocław 2008  Womack J.P. i in.: Lean thinking szczupłe myślenie. ProdPress.com, Wrocław 2008	

	Supplementary literature	<p>Balle, M., &amp; Balle, F. (2017). Skuteczne zarządzanie. Powieść o wykorzystaniu Lean w kierowaniu ludźmi. Wrocław: Lean Enterprise Institute Polska.</p> <p>Futura, K. (2022). Jak wykorzystać problemy by odnieść sukces. Tworzenie kultury Toyoty na całym świecie. Wrocław: Lean Enterprise Institute Polska.</p>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<p>Why does Lean implementation often fail?</p> <p>What is the name of the graphical representation of process flows in an organization from the moment the customer places an order to the delivery of the product?</p> <p>Which phase of 5S involves the use of red tags?</p>	
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.