



Subject card

Subject name and code	ENTERPRISE RISK AND SAFETY MANAGEMENT, PG_00061619						
Field of study	Management, Management						
Date of commencement of studies	February 2024	Academic year of realisation of subject			2024/2025		
Education level	second-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			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			exam		
Conducting unit	Department of Management Engineering and Quality -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Bartosz Woliński					
	Teachers	dr inż. Bartosz Woliński					
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	Creates innovative solutions to complex security problems using appropriate assessment and design methods						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_W01] identifies in-depth the phenomena related to the studied field and the theories describing them as well as possible concepts and methods of management		correctly identifies security threats in the processes carried out in the organization, assessing the associated risk		[SW1] Assessment of factual knowledge		
	[K7_U01] creates innovative solutions to complex and unstructured problems, taking into account the variability of the environment by synthesising information from many sources		creates innovative solutions to security problems using information from various areas of the organization's operation		[SU2] Assessment of ability to analyse information		
Subject contents	<p>Organizational and economic aspects of security management in an enterprise. Quality management and safety management in a modern enterprise. Responsibilities of the employer in terms of safety management</p> <p>Regulations on security management in the enterprise. Threat identification techniques. Functional and process safety</p> <p>Work safety management. Identification of occupational hazards Accidents in the work process and their analysis. Quantitative threat assessment techniques. Threat analysis using FTA techniques. Methods of occupational risk assessment. Principles of documenting the results of occupational risk assessment.</p> <p>Technical, organizational and cultural risk reduction measures</p> <p>Legal basis of the OHS management system. The concept and elements of the security system.</p> <p>Occupational health and safety process management. Preparation of system procedures. Cost estimate for the implementation of the OHS management system. Certification of the health and safety management system</p> <p>Safety in the operation of machines and devices. Organization of maintenance services. Training and motivating employees to behave safely</p> <p>Security and protection of the company's material resources. Physical protection. Electronic devices and monitoring systems in the enterprise</p> <p>Information security management. Enterprise IT policy and security management. Video monitoring systems and monitoring of user activity in computer networks</p> <p>Economic aspects of the selection of technical and organizational security measures ensuring business continuity</p>						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Exam	60.0%	50.0%
	Practical exercises	60.0%	50.0%
Recommended reading	Basic literature	<p>Podgórski D., Pawłowska Z.: Podstawy systemowego zarządzania bezpieczeństwem i higieną pracy CIOP Warszawa 2004</p> <p>Wołowski F., Zawila-Niedźwiecki J.: Bezpieczeństwo systemów informatycznych. Wyd. Edu-Libri 2013</p> <p>Marian Kowalewski, Jakub Kowalewski: Zarządzanie ryzykiem w bezpieczeństwie informacji organizacji. Oficyna Wydawnicza Politechniki Warszawskiej 2021</p>	
	Supplementary literature	nd	
	eResources addresses	<p>Adresy na platformie eNauczanie:</p> <p>Zarządzanie ryzykiem i bezpieczeństwem w przedsiębiorstwie_w/lab (NSTACJ. Z II MSU 4, sem. 3. i Z II MSU 3, sem. 2. oraz Z II MSU 4 i Z II MSU 3 on-line)_lato 2024/25. - Moodle ID: 43525 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=43525</p>	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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