POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)
pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Risk management in agile enterprise

Course

Field of study	Year/Semester
Engeenering management	1/2
Area of study (specialization)	Profile of study
Managing Enterprise of the Future	general academic
Level of study	Course offered in
Second-cycle studies	Polish
Form of study	Requirements
full-time	elective

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
15		
Tutorials	Projects/seminars	
15		

Number of credit points
2

Lecturers

Responsible for the course/lecturer:

Ph.D., Eng., Paweł Królas

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Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

Responsible for the course/lecturer:

Prerequisites
The student has knowledge in the field of business management, strategic management and macroeconomics. Has the ability to perceive, associate and interpret phenomena occurring in the enterprise as well as in its environment.

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Course objective

The aim of the course is to acquire by the student the ability to identify and assess the risk associated with the use of opportunities occurring in the environment of an agile enterprise.

Course-related learning outcomes

Knowledge

The student describes the methods of risk management in an agile enterprise, including tools for modeling risk-related decision-making processes [P7S_WG_02].

The student explains the specifics of risk management in network and agile organizations, identifying the relationships between organizational units and operational risks [P7S_WG_06].

The student characterizes the methods of obtaining and analyzing risk data relevant to management in an agile enterprise [P7S_WG_07].

The student recognizes the impact of ethical norms on risk decisions in the context of agile entrepreneurship [P7S_WK_01].

Skills

The student effectively applies risk management knowledge to critically analyze risk scenarios in an agile enterprise [P7S_UW_03].

The student independently develops and implements risk management strategies tailored to the specifics of an agile enterprise [P7S_UW_04].

The student interprets market and organizational phenomena in the context of risk management, using interdisciplinary knowledge [P7S_UW_06].

The student analyzes the causes and consequences of risk in a business context, formulating hypotheses and risk management strategies [P7S_UW_07].

Social competences

The student identifies and integrates knowledge from different disciplines (e.g., finance, management, psychology) in the process of risk management and actively participates in interdisciplinary projects, where he/she applies these integrations in practice to solve risk-related problems [P7S_KK_01].

The student identifies and analyzes cause-effect relationships in the context of risk management, prioritizing tasks and decisions [P7S_KK_02].

The student initiates and leads risk management projects, promoting a risk management culture in the organization [P7S_KO_02].

The student plans and manages risk management projects in the context of an agile enterprise [P7S_KO_03].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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The knowledge acquired during the lecture is verified by passing the final lecture. Assessment consists of 5 questions. Passing threshold: 50% of points (satisfactory grade).

The knowledge acquired during the exercises is verified on the basis of solving individual tasks included in the curriculum. For each task the student receives points. Passing threshold: 50% of points (satisfactory).

Programme content

Lecture: Risk management in the enterprise covers: risk identification and assessment, the use of risk management methods and techniques; the ability to analyze the company's potential and assess the organization's environment, identify the necessary resources (own and others) by the company leading to the use of the opportunity, present the idea of an agile enterprise based on risk identification. Exercises: determination of the company's potential, determination of the decision problem related to the use of the opportunity, identification and assessment of risk related to the use of the opportunity, determination of the features of the enterprise that fit into the concept of an agile enterprise.

Teaching methods

A monographic lecture in the form of a multimedia presentation with elements of a seminar lecture. Classes - performing exercise tasks based on the case study method.

Bibliography

Basic

1. Trzcieliński S. (2011), Przedsiębiorstwo zwinne, Poznań, Wydawnictwo Politechniki Poznańskiej.

2. Królas P., (2020), Okazja jako wyznacznik przedsiębiorstwa zwinnego – studium przypadku, w: red. Gregorczyk S., Urbanek G., Zarządzanie strategiczne w dobie cyfrowej gospodarki sieciowej, Wydawnictwo Uniwersytetu Łódzkiego, Łódź.

3. Buła P., (2015), System zarządzania ryzykiem w przedsiębiorstwie jako element nadzoru korporacyjnego, Wydawnictwo Uniwersytetu Jagiellońskiego, Kraków.

Additional

1. Sull D., (2009), The upside of turbulence. Seizing opportunity in an uncertain world, Harper Collins Publishers.

2. Simon H., (2009), Hidden champions of 21st century, Springer.

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Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests, project preparation) [1]	20	1,0

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[1] delete or add other activities as appropriate