

Discipline	RISK MANAGEMENT	code: 10	winter semester
Specialty	Industrial Management		
ECTS credits: 4	Form of assessment: Continuous Assessment		
Lecturer	Assoc. Prof., PhD Nedka Nikolova Room 511 Phone: +359 /383 263 E-mail: n.nikolova@tu-varna.bg		
Department	Industrial Management		
Faculty	Faculty of Mechanical Engineering and Technologies		
<p>Learning objectives:</p> <p>The main aim of the subject “Risk Management” is to provide students with the theoretical knowledge and practical skills for identifying, assessment, analysis and management of the business risk, which could occur during the functioning of a corporation at different conditions - during overcoming the crisis or in growth and successful development.</p> <p>The following topics are consecutively discussed:</p> <ul style="list-style-type: none"> - Fundamental concepts in risk management according to BDS EN ISO 31000: 2011 - The process of risk management in the organization. Basic stages; - The establishment of circumstances, including the interested groups of people; - Risk identification, Basic methods - BDS EN ISO 31010:2011; - Risk analysis. Basic methods; - Risk assessment. Basic methods; - Influence over the risk. Basic approaches; - Communicating, monitoring and control over the risk; - Specifics of the management of investment and market risk; - Specifics of the management of technological risk; - Specifics of the management of financial (liquid, etc.) risk; - Specifics of the management of risk in corporate projects and corporate entrepreneurship; - Risk modelling; real options method; <p>Form of presenting the academic content - lectures and seminars.</p>			

CONTENTS:		
Training Area	Hours lectures	Hours Seminar classes
<u>Lectures (Topics):</u>		
Topic 1. Introduction to risk management.	2	
Topic 2. The process of risk management. Basic stages.	2	
Topic 3. Establishing the circumstances of risk management in the corporation.	4	
Topic 4. Risk identification. Basic methods. Usage specifics.	2	
Topic 5. Risk analysis. Basic methods. Specifics of usage in the corporation.	4	
Topic 6. Risk assessment. Basic methods. Peculiarities of usage in the.	2	
Topic 7. Influence over the risk. Basic approaches.	2	
Topic 8. Communicating, monitoring and control of the risk in the corporation.	4	
Topic 9. Management of the investment and market risk in the corporation.	2	
Topic 10. Risk management in corporate entrepreneurship.	4	
<u>Seminars:</u>		
Topic 1. Introduction to risk management. Basic principles, approaches and methods. Review of the organizational framework.		3
Topic 2. Risk management process. Basic stages. Sample plan.		3
Topic 3. Establishing of the circumstances in risk management in the corporation.		3
Topic 4. Risk identification. Basic methods. Specifics of usage. Examples of usage of brain storming and method SWIFT.		3

Topic 5. Risk analysis. Basic methods.		3
Topic 6. Risk assessment. Basic methods.		3
Topic 7. Influence over the risk. Basic approaches. Examples of avoidance.		3
Topic 8. Management of the investment and market risk in the corporation.		3
Topic 9. Risk management in corporate entrepreneurship.		3
Topic 10. An example for implementation of the Monte Carlo method.		3
	TOTAL :	30 h
		30 h