DESCRIPTION OF STUDY COURSE

Course unit title	**Information Security Risk and Compliance Management**
Programme	MBA in Cybersecurity Management
Year of study	**1.,2.**
Academic year	2022/2023
Level of course unit (e.g. first, second or third cycle)	2nd cycle
Course unit code	MKP009
Name of lecturer(s)	Marc Vael, Sintija Deruma, A.Berežnojs
Number of ECTS credits allocated	6 ECTS *2 Latvian credit points are multiplied by 1,5 to get ECTS credit points*
Credit points	4CP
Module	Management
Language of instruction	English and Latvian
Type of course unit (compulsory, optional)	compulsory
Semester when the course unit is delivered	2.,3.,4.
Mode of delivery	face-to-face
Aim of Course	to use and develop industry-related knowledge and skills in risk management
Preliminary knowledge (prerequisites and co-requisites)	Mathematics, statistics
Course content	Risk analysis, risk management, cyber risk assurance, terminology in the context of cybersecurity; the quantitative and qualitative analysis; methods, tools, metrics; compliance management.
Planned learning activities and teaching methods	The student attends lectures, completes practical work, presents group and individual work. The total evaluation of the course consists of: 30% group work in classroom setting; 20% practical work in classroom setting;20% group work completion and presentation; 30% individual work completion and presentation. {table below}
Learning outcomes of the course unit	The student: 1. understands different methodologies of risk analysis; 2. is able to implement appropriate security controls; 3. is able to plan information security risk treatment plan.

Teaching methods	Student workload
Lecture	48
Written group work	24
Seminars	48
Independent work/ work on a presentation	72
Work at the library, independent studies	48
total hours	240

Assessment methods and criteria	Learning outcomes		1.	2.	3.
	The form of assessment				
	Written work in a classroom		●	●	
	Independent work and its presentation		●	●	●
	Written examination		●	●	●
Recommended or required reading	Dorfman, M.S. Introduction to Risk Management and Insurance, 9th ed.-Upper Saddle River: Prentice Hall, Pearson Education, 2008 Managing Information Security Risk Organization, Mission, and Information System View. - http://csrc.nist.gov/publications/nistpubs/800-39/SP800-39-final.pdf OCTAVE® (Operationally Critical Threat, Asset, and Vulnerability EvaluationSM) is a suite of tools, techniques, and methods for risk-based information security strategic assessment and planning. - http://www.cert.org/archive/pdf/06tn010.pdf The Security Risk Management Guide - http://www.microsoft.com/en-us/download/details.aspx?id=6232 Information Security Manual - http://www.dsd.gov.au/publications/Information_Security_Manual_2010.pdf Guide for Conducting Risk Assessments - http://csrc.nist.gov/publications/drafts/800-30-rev1/SP800-30-Rev1-ipd.pdf Comparison of Risk Management Methods and Tools - http://www.enisa.europa.eu/activities/risk-management/current-risk/risk-management-inventory/comparison Working with Vulnerable People (Background Checking) Risk Assessment Guidelines 2012 - http://www.legislation.act.gov.au/di/2012-190/current/pdf/2012-190.pdf http://www.isaca.org/Knowledge-Center/Research/Pages/Cybersecurity.aspx http://www.isaca.org/Knowledge-Center/Research/Pages/Privacy.aspx				
Recommended optional programme components	To be agreed at the start of the course.				