VIDZEMES
AUGSTSKOLA

FACULTY OF ENGINEERING
STUDY COURSE DESCRIPTION

Course Title:	**Project management methods and tools**			
Course code (LAIS):	**MKI 009**			
Study programme:	**Cybersecurity engineering**			
Level of Study programme:	☐ 1st level professional higher education			
	☐ Professional Bachelor			
	☒ Professional Master			
	☐ Academic Master			
	☐ PhD level			
Type of Study programme:	☐ Compulsory course (Part A)			
	☒ Professional specialization courses (Part B, compulsory)			
	☐ Professional specialization optional courses (Part B, optional)			
	☐ Elective courses (Part C)			
Course Workload:	**Credits**	**ECTS**	**Academic hours**	**Contact hours**	**Independent work hours**
	2	3	80	24	56
Study Form:	Full time studies			
Study year, semester:	2020/2021; 3 semester			
Language:	Latvian, English			
Prerequisites for the Course:	Basic skills in economics, financial analysis, ability to discuss and argue			
Course Summary:	The aim of the course is to get acquainted with standards, best practices, project management methodologies to significantly improve the implementation of cyber security processes in the company.			
Study course methods	Lectures, practical work, seminars, discussions, group work			
Asessment	Exam			
Requirements for Credits:	Practical works 60%, final examination 40%			
Course content	Project management approaches, Strategic management and project selection, Project manager, project organization and planning, Budgeting and cost estimation, Time schedule development, Risk and quality management in ICT projects, processes, Human resource planning, business needs assessment, Process control and audit.			

Learning Outcomes; the evaluation methods and criteria	**Learning Outcomes**	**The evaluation methods and criteria**
	Knowledge	
	The student has in-depth knowledge of project development and management	Lectures, practical classes, seminars, discussions, group work
	Skills	
	The student is able to develop and manage different types of projects	Lectures, practical classes, seminars, discussions, group work
	Competency	
	The student is able to evaluate, analyze, compare projects and choose the most suitable for a certain situation, organization	Lectures, practical classes, seminars, discussions, group work

Course Compulsory literature:	Jack R., Samuel J. Project Management: A Managerial Approach 8th Edition, Wiley, 2017
Course additional literature:	PMBOK guide 5th edition http://dinus.ac.id/repository/docs/ajar/PMBOKGuide_5th_Ed.pdf