



MODULE DESCRIPTION

Module title	Module code
IT governance in organization	

Lecturer(s)	Department where the module is delivered
Coordinator: dr. Aldas Glemža Other lecturers:	Department of Software Engineering Faculty of Mathematics and Informatics Vilnius University

Cycle	Type of the module
First	Optional

Mode of delivery	Semester or period when the module is delivered	Language of instruction
Face-to-face	5 and 7 semester	Lithuanian

Prerequisites
Prerequisites: -

Number of credits allocated	Student's workload	Contact hours	Self-study hours
5	130	68	62

Purpose of the module: programme competences to be developed		
Purpose of the module – to convey the principles of effective use of IT in organization and best practices of IT governance.		
Generic competences: <ul style="list-style-type: none"> • Communication and collaboration (<i>GK1</i>). • Social responsibility (<i>GK3</i>). 		
Specific competences: <ul style="list-style-type: none"> • Knowledge and skills of underlying conceptual basis (<i>SK4</i>). • Software development knowledge and skills (<i>SK5</i>). • Technological and methodological knowledge and skills, professional competence (<i>SK6</i>). 		
Learning outcomes of the module: students will be able to	Teaching and learning methods	Assessment methods
Analyze the use of information in organization's business processes and new ways of information abilities development	Presentation of concepts, case analysis, group discussion	Presentation of selected IT management themes, exam (in written form)
Compare and select alternative IT solutions considering their full life cycle.		
Apply basic business (non-IT) and IT alignment and collaboration principles, measure value of IT enabled change initiatives and IT related risk		
Balance technological, economical, social and legal aspects when applying IT solutions and understand major modern organization management concepts and their relation to IT		

Content: breakdown of the topics	Contact hours						Self-study work: time and assignments		
	Lectures	Tutorials	Seminars	Practice	Laboratory work (LW)	Tutorial during LW	Contact hours	Self-study hours	Assignments
IT governance framework according COBIT/ITGI	3				3		6	4	
IT governance - organization and planning area	4				4		8	4	
IT value management	6				6		12	10	
IT governance – acquisition and implementation	6				6		12	10	
IT governance – delivery and support	6				6		12	10	
IT process monitoring	3				3		6	4	
IT audit framework	4				4		8	4	2 hours for tutorial, 16 hours for preparation, 2 hours for exam
Preparation for the exam, exam (in written form)		2					4	16	
Total	32	2			32		68	62	

Assessment strategy	Weight %	Deadline	Assessment criteria
Preparation for the presentation of selected IT governance topic (optional)	20%	During semester	Relevance of selected topic, quality of presented information structuring, uniqueness of insights, professionalism of preparation and during discussions. Maximum - 2 points
Exam (in written form)	80%	During exam session	Exam in written form (open and semi-open questions) total of 4 questions-themes requiring creative use of IT governance framework. Each question has 2 point maximum - 8 point in total.

Author	Publis hing year	Title	Number or volume	Publisher or URL
Required reading				
ITGI	2011	Cobit 4.1 (Lithuanian version)		http://www.isaca.org/Knowledge-Center/cobit/Documents/COBIT-4.1-Lithuanian.pdf
ITGI	2008	Val IT Framework 2.0		http://www.isaca.org/Knowledge-Center/Val-IT-IT-Value-Delivery-/Documents/ValIT-Framework-2.0-Jul-2008.pdf
Recommended reading				
ISACA	2012	COBIT 5: A Business Framework for the Governance and Management of Enterprise IT		http://www.isaca.org/cobit/page/default.aspx