

<b>Subject code</b>	<b>Credits</b>
INF4017	4

**Course title in Lithuanian**

**ŽALIŲJŲ IT SISTEMŲ STRATEGIJOS**

**Course title in English**

**GREEN IT SYSTEM STRATEGIES**

**Short course annotation in Lithuanian (up to 500 characters)**

Kurse aptariamas IKT panaudojimas įmonės strateginiams tikslams pasiekti. Strateginis IKT taikymas aptariamas "žaliųjų IT" kontekste, t.y., siekiant mažinti arba kontroliuoti išteklių panaudojimą įmonės veikloje. Pristatomi klasikiniai strateginės analizės modeliai, atvejų analizės metodas. Didelė kurso dalis skirta studentų darbui grupėse ir praktiniam darbui ruošiant atvejo analizės aprašymus.

**Short course annotation in English (up to 500 characters)**

The purpose of this course is to provide students with the qualifications to identify how companies apply ICT more effective use of resources or for the control of the use of resources in doing the business.

The course will help students a) better understand how the theoretical benefits of information systems (courses INF3002, INF3006) can be gained in practice, b) get acquainted with real business firms in Lithuanian, and c) gain business analysis skills through case study development.

The course structure consists of lectures, students' group work at companies' sites, and independent students' group work (writing up the case studies).

**Prerequisites for entering the course**

INF3002, INF3006

**Course aim**

The aim of the course is to teach students develop a teaching case on business application of ICT.

**Content**

No	Content (topics)
1.	Overview of IS/IT strategic challenges, key themes and frameworks
2.	Key methods, tools and techniques for analysing the use of IS/IT as a strategic resource
3.	Elements in writing a company case study

**Study (teaching and learning) methods**

Only four lectures will be delivered as traditional lecturing to introduce the students to IS/IT strategic challenges, key frameworks, methods, and techniques for analysing the use of IS/IT as a strategic resource, as well as elements in writing company cases.

The bulk of the learning will take during the students' group visits to the sites of Lithuanian companies, students group and individual work, during which students have to do literature analysis, desk research on assigned topics, interview companies' staff, gather data for preparing a case study.

A number of lectures (up to four) will be used for student groups' presentations of their case studies.

Seminar meetings will be used to guide the students in their data gathering and case writing work.

**Distribution of workload for students (contact and independent work hours)**

<b>Lectures</b>	<b>15 hours</b>
<b>Seminars</b>	<b>15 hours</b>
<b>Laboratory work</b>	<b>30 hours</b>
<b>Individual students work</b>	<b>50 hours</b>
<b>Total:</b>	<b>110 hours</b>

**Structure of cumulative score and value of its constituent parts**

The grade for the course will be based on evaluation of 2 products:

1. A class presentation, delivered during one of the last two class sessions (50 percent of course grade).
2. A medium-length teaching case with teaching note (2500-4000 words /5-9 pages/ depending on the size of a group) OR a website including the same amount of text or commensurable volume of information in other units (50 percent of course grade).

**Recommended reference materials**

No.	Publication year	Authors of publication and title	Publishing house	Number of copies in		
				University library	Self-study rooms	Other libraries
<i>Basic materials</i>						
1.	2009	Applegate, L.M., Austin, R.D. & McFarlan, F.W.: Corporate Information Strategy and Management. 8 <sup>th</sup> edition	McGraw-Hill	2	1	Available online form open access sources
2.	1998	E. Raymod: Writing cases and Teaching Notes	Harvard Business Review			Available online at: <a href="https://hbr.org/product/writing-cases-and-">https://hbr.org/product/writing-cases-and-</a>

						<a href="#">teaching-notes/399077-PDF-ENG</a>
3.	2016	Information Systems: A Manager's Guide to Harnessing Technology	FlatWorldKnowledge			Available online at: <a href="http://catalog.flatworldknowledge.com/bookhub/reader/8023?cid=">http://catalog.flatworldknowledge.com/bookhub/reader/8023?cid=</a>
<b><i>Supplementary materials</i></b>						
1.	2010	<i>Gerry Yemen: On Writing Teaching Notes Well</i>	Harvard Business Review			<a href="https://hbr.org/product/on-writing-teaching-notes-well/UV4306-PDF-ENG">https://hbr.org/product/on-writing-teaching-notes-well/UV4306-PDF-ENG</a>
2.	1994	Venkatraman, N. "IT-Induced Business Transformation: From Automation to Business Scope Redefinition."	<i>Sloan Management Review</i> 35 (2): 73–87.			<a href="http://www.cs.jyu.fi/el/tjtse56_10/TJTSE56_Syllabus_files/Venkatraman%20-%20IT%20Enabled%20Business%20Transformation%20-%20From%20Automation%20to%20Business%20Scope%20Redefinition.pdf">http://www.cs.jyu.fi/el/tjtse56_10/TJTSE56_Syllabus_files/Venkatraman%20-%20IT%20Enabled%20Business%20Transformation%20-%20From%20Automation%20to%20Business%20Scope%20Redefinition.pdf</a>

**Course programme designed by**

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