



MODULE DESCRIPTION

Module title	Module code
Accounting	

Lecturer(s)	Department where the module is delivered
Coordinator: Stasys Peldžius 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	4 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 introduce students to accounting, financial and business management accounting approaches; teach the students how to calculate and declare the main taxes; and provide expertise in the administration and development of accounting programs and Enterprise Resource Planning (ERP) systems.		
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
Understand differences between accounting and business management accounting	Lectures, giving and analysing examples, interactive lectures, practical assignments	Practical assignments, examination in written form
Apply double entry method in recording economic transactions		
Prepare and understand balance sheet, income statement and other financial statements		
Understand the difference between income and inflows, costs and expenses, assets and equity; understand and apply accounting treatment for tangible and intangible assets, inventories, capital and liabilities		
Choose and validate appropriate form of business, calculate and declare the main taxes and understand tax laws	Lectures, discussions, individual studying of literature, practical assignments	

Administer and develop Enterprise Resource Planning (ERP) systems.	
Work efficiently with clients in the development projects of Enterprise Resource Planning (ERP) systems.	

Content: breakdown of the topics	Contact hours						Self-study work: time and assignments		Assignments
	Lectures	Tutorials	Seminars	Practice	Laboratory work (LW)	Tutorial during LW	Contact hours	Self-study hours	
Legal Principles of Setting up a Business	2			2		2	4	3	Individual studying of literature. Practical assignments: 1. Simulation of setting up a business 2. Simulation of recording operations in accounting 3. Preparation of financial statements
Introduction to Accounting	2			2			4	1	
Concept and Application of Double Entry Method	4			2		4	6	4	
Recording Income and Costs in Accounting	2			4			6	4	
Accounting of Assets; Accounting of Software	4			4			8	4	
Accounting of Inventories	2			2			4	4	
Capital Accounting	2			2		2	4	4	
Accounting of Liabilities	2			2			4	4	
Calculation and Declaration of Taxes	2			2			4	4	
Preparation of Financial Statements	2			2		2	4	6	
Administration and Development of Enterprise Resource Planning Systems	8			8		2	16	8	
Preparing for the exam and taking the final exam (written).		2					4	16	2 hours for tutorial, 16 hours for preparation, 2 hours for exam
Total	32	2		32		8	68	62	

Assessment strategy	Weight %	Deadline	Assessment criteria
Practical assignments	40	4 th , 10 th and 14 th week of semester	The weight of the 1 st practical assignment is 0.5 point, 2 nd assignment – 2 points, and 3 rd assignment – 1.5 point. For each week overdue the score is decreased by 25%, for 4 or more weeks overdue the score is 0. In the first practical assignment the ability to provide justification for decisions made and the ability to prepare documents in accordance with laws are assessed. In the second practical assignment knowledge and skills acquired during Topics 3 – 8 are assessed. In the third assignment it is assessed how students follow formal requirements for preparing financial documents. After successful completion of the first two assignments a student is allowed to take the exam.
Examination in written form	60	Exam session	A student is allowed to take the exam after successful completion of the first two assignments. Examination in written form (closed-ended and semi open-ended questions); in total, 20 questions, each question is scored from 0.1 to 0.5; maximum 6 scores can be obtained.

Author	Publis hing year	Title	Number or volume	Publisher or URL
Required reading				
Stasys Peldžius		Lecture slides (in Lithuanian)		http://www.mif.vu.lt/~stasys/Apskaita/Skaidres
	2001	Law on accounting (in Lithuanian)		http://www3.lrs.lt/pls/inter3/dokpaieska.showdoc_l?p_id=437472&p_query=&p_tr2=2
Aldona Ivanauskienė	2007	Fundamentals of accounting: textbook for higher schools (in Lithuanian)		TEV, Vilnius
Gediminas Kalčinskas	2007	Fundamentals of accounting: problems and their solutions (in Lithuanian)		Pačiolis, Vilnius
Recommended reading				
G. Kalčinskas, R. Kalčinskaitė-Klimaitienė	2010	Fundamentals of accounting (in Lithuanian)		Pačiolis, Vilnius