SUBJECT DATASHEET

Accounting

BMEGT35M009

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name
Accounting

ID (subject code) BMEGT35M009

Type of subject
Contact lessons

Course types and lessons

Type	*Lessons*
Lecture	2
Practice	2
Laboratory	0

Type of assessment
exam grade

Number of credits
5

Subject Coordinator

Name	*Position*	*Contact details*
Dr. Böcskei Elvira	associate professor	bocskei.elvira@gtk.bme.hu

Educational organisational unit for the subject
Department of Finance

Subject website
https://edu.gtk.bme.hu/

Language of the subject
magyar és angol – HU and ENG

Curricular role of the subject, recommended number of terms
Programme: **Finance MSc (in English) from 2019/20/Term 1 AUTUMN start**
Subject Role: **Compulsory**
Recommended semester: **1**

Programme: **Finance MSc (in English) from 2019/20/Term 1 SPRING start**
Subject Role: **Compulsory**
Recommended semester: **2**

Programme: **Management and Leadership MSc (in English) from 2019/20/Term 1**
Subject Role: **Compulsory**
Recommended semester: **1**

Programme: **Master's programme in Management and Leadership from 2019/20/Term 1 (Autumn term start)**
Subject Role: **Compulsory**
Recommended semester: **1**

Programme: **Master's programme in Management and Leadership from 2020/21/Term 2 (Spring term start)**
Subject Role: **Compulsory**
Recommended semester: **2**

Programme: **Engineering Manager Msc from 2017/18//term 2 (Spring term start)**
Subject Role: **Compulsory**
Recommended semester: **4**

Programme: **Engineering Manager Msc from 2018/19/Term 1 (Autumn term start)**
Subject Role: **Compulsory**
Recommended semester: **3**

Programme: **MSc in Management and Leadership**
Subject Role: **Compulsory**
Recommended semester: **1**

Programme: **Engineering Manager Msc from 2016/17/Term 1 (Autumn term start)**
Subject Role: **Compulsory**
Recommended semester: **3**

Direct prerequisites

Strong	None
Weak	None
Parallel	None
Exclusion	None

Validity of the Subject Description

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

Teaching the subject will get the students acquainted with the goals and tasks of accounting. As a result, they learn accounting tools and methods and gain basic knowledge in analysing income and financial state of the company. Objectives: • to get students acquainted with the accounting framework, general accounting principles and accounting regulation; • to make students understand what the main accounting elements: assets, liabilities, income, expense; • to familiarize them with the annual accounts, the balance sheet and the income statement; • to help students develop the capability to perform the basic accounting functions: the recognition, valuation, measurement and recording of the most common business transactions and the preparation of accounting statements.

Academic results

Knowledge

1. • understand and demonstrate accounting principles;
2. • classify accounts as either asset, liability, owner's equity, revenue, or expense;
3. • prepare financial statements (income statement and balance sheet);
4. • process financial data, analyze source documents and transactions and decide what accounts

Skills

1. • plan and organize independent learning;
2. • comprehend and use the professional literature of the topic;
3. • analyze and record business transactions;
4. • prevent, identify, or solve problems with equipment, including computers and other technologies.

Attitude

1. • are open to learnning about and adapting innovations in the accounting field
2. • collaborate with their instructors and student mates;
3. • during the learning process;
4. • gain knowledge and information, take use of ICT tools.

Independence and responsibility

1. • exert a high level of effort and persevere toward goal attainment;
2. • are open to accept reliable critical remarks;
3. • collaborate with other students in performing assignments during the learning process;
4. • are able to make independent decisions.

Teaching methodology

Lectures, and written communication, use of ICT tools and techniques, home assignment. Students will submit as-signments, including quizzes, throughout the semester based on the course content presented in that assignment. Students will complete hands-on, application exams using accounting forms.

Materials supporting learning

- Böcskei Elvira: Számvitel alapjai
- Literature: P. Marriottt, J.R. Edwards &Hj Mellet: Introduction to Accounting 3rd Edition
- Larry M. Walther – Christopher J. Skousen: Managerial and Cost Accounting 2009.

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

Assessment of the learning outcomes described under 2.2. is based on two written mid-term tests ("summarizing study peformance test")
and optional home assignment. Type of assessment: exam.

Performance assessment methods

A. Detailed description of mid-term per-formance assessments: Mid-term study performance assessment (two mid-term tests): The tests require the knowledge of theory and practice. The total marks of the tests are calculated in the final assessment. Exam pre requisite: the total marks of the two tests together should account for at least the minimum level requirement of 40 percent. If the student cannot meet this requirement or missed one of the two tests, they write one complex test, which includes the whole course material in the last week of the semester. - The complex written assessment of knowledge and skill competencies of the subject is based on two mid-term
tests during the semester. The tests focus on practical adaptation of the knowledge students gained in the learn-ing process, which does not exclude testing theoretical knowledge. The parts of the learning material for the tests are selected by the lecturer of the subject. Working time for test writing is 90 minutes/test. B. Detailed description of examination performance assess-ments: The written final exam test: Duration: 90 minutes The assessment of knowledge and skill competencies of the subject is based on the written final exam test. The tests focuses on the practical adaptation of the knowledge students gained in the learning process, which does not exclude testing the theoretical knowledge. The sections of the learning material for the exam test are selected by the lecturer of the subject. - Semester-end written exam: Exam: 90 minutes

Percentage of performance assessments, conducted during the study period, within the rating

- **Summarizing study performance tests** : 50 %

Percentage of exam elements within the rating

- **Semester-end written exam**: 50 %

Conditions for obtaining a signature, validity of the signature

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Issuing grades

Excellent	96 % felett
Very good	91-95 %
Good	81-90 %
Satisfactory	66-80 %
Pass	50-65 %
Fail	0-49 %

Retake and late completion

- In case the total result of the two interim period tests (assessing both theoretical and practical knowledge) do not reach the minimum requirement level, or one of the interim tests falls off, a complex test will take place in the last week of the semester teaching period which gauges the attained knowledge during the semester. In the last week of the semester teaching period it is only possible to make up for the interim test and accomplish the minimum requirement level. In case of meeting the minimum requirements there is no opportunity to improve the total result of the two interim tests. There is no individu-al/particular minimum requirement for the interim tests, therefore it is not possible to make up for the individual interim tests.

Coursework required for the completion of the subject

Participation in contact lessons	14×4 = 56
Preparing for the exam	94

Approval and validity of subject requirements

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

Subject includes the topics detailed in the course syllabus to ensure learning outcomes listed under 2.2. can be achieved. Timing of the topics may be affected by calendar or other circumstances in each semester.

1 Accounting and information systems. Accounting Concept.

2 Users of Accounting Information. Classification of Accounting.

3 Accounting Principles. The Financial Statements. Limitation of Accounting Data. Requirements for Accounting Information.

4 The Accounting Equation. The Financial Statements. The Balance Sheet. The Income Statement.

5 The breakdown of the Balance Sheet. Practice and problem solving.

6 The Financial Statements. The Statement of Retained Earnings. The Statement of Cash Flows.

7 The Accounting Cycle. Accounting Principles.

8 Analysis of Business Transactions. The Recording Process. The Account.

9 Classification of Accounts.

10 The Journal and the Ledger. Stages in the Accounting Cycle. Opening Stage. Development Stage. Adjustment Stage (Deferrals, Accruals, Depreciation). Closing Stage.

11 Practice and problem solving. Preparing financial statements. Working papers and their uses. Illustrative working papers.

12 Statements prepared from working papers. Adjusting entries. Closing entries. Accrual adjustments and entries.

13 MID-TERM TEST I

14 The Income Statement. The analysis of the Profit and Loss Statement.

15 The breakdown of the Profit and Loss Statement

16 The Profit and Loss Statement: practice and problem solving. Inventories. Merchandising Business. Types of Inventories. Inventory Costing Methods. Specific Unit Cost. Weighted-average Cost. Accounting for Inventories. Permanent and Periodic Inventory System.

17 Case studies and problem solving.

18 The analysis of Financial Statements. The results of operations. General financial condition.

19 Summary of the course. Exercises and applications. Completing problems on paper forms.

Additional lecturers

Dr. Böcskei Elvira	course leader	bocskei.elvira@gtk.bme.hu
Dr. Ilyés Csaba	-	ilyes.csaba@gtk.bme.hu
Dr. Solt Eszter Éva	-	solt.eszter@gtk.bme.hu

Approval and validity of subject requirements