

# SUBJECT DATASHEET CORPORATE FINANCE BMEGT35M411

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# I. SUBJECT DESCRIPTION

# 1. SUBJECT DATA

# Subject name

CORPORATE FINANCE

ID (subject code) BMEGT35M411

# Type of subject

contact lessons

Course	types	and	lessons

Course types and lessons	Type of	
Type	Lessons	assessment
Lecture	2	mid-term grade
Practice	0	Ç
Laboratory	0	<u>Number of</u> <u>credits</u>
		2

# **Subject Coordinator**

Name Position Contact details

Dr. Somogyi Róbert assistant professor somogyi.robert@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 EN

# Curricular role of the subject, recommended number of terms

# **Direct prerequisites**

Strong None Weak None Parallel None Exclusion None

**Validity of the Subject Description** 

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# 2. OBJECTIVES AND LEARNING OUTCOMES

#### **Objectives**

The subject is designed to give the students a broad overview of financial goals and assets of corporations (PLCs), to get them acquainted with project evaluation techniques and methods for supporting decision making. The subject deals with the examination of financing opportunities and decision methodes for corporations, investors' considerations, yield and risk relation. Developing this course syllabus, we have aimed to cover the V module (Corporate finance) of the international CFA (Chartered Financial Analyst) exam. Teaching focuses on enabling students to adapt their theoretical knowledge in practice.

#### **Academic results**

#### Knowledge

- 1. financial goals and assets of corporations,
- 2. evaluation methods for preparing and making corporate investment and financing decisions,
- 3. processes providing basis for the evaluation of assets on financial markets,
- 4. evaluation methods for corporate projects,
- 5. fiancial contexts of decision-making processes.

#### Skills

- 1. plan and organize independent learning,
- 2. comprehend and use the professional literature of the topic,
- 3.
- 4. recognize the contexts behind financial decisions,

#### Attitude

- 1. are open to learn and adapt the innovations in finance,
- 2. collaborate with their instructors and student mates during the learning process,
- 3. gain knowledge and information,
- 4. take use of ICT tools.

#### Independence and responsibility

- 1. are open to accept reliable critical remarks
- 2. collaborate with other students in performing assignments during the learning process
- 3. are able to make independent decisions
- 4. are capable of reasonable consideration in the financial decision-making processs
- 5. can weigh the significance of their responsibilities and foresee the consequences of their decisions

#### **Teaching methodology**

Lectures, verbal and written communication, use of ICT tools and techniques, optional home assignment.

#### **Materials supporting learning**

- 1. Az előadások prezentációinak anyaga, ami a félév során folyamatosan fog feltöltésre kerülni.
- 2. Bodie Kane Marcus: Investments (10th edition), McGraw-Hill, 2014.
- 3. Brealey, R. Myers, C.S. Allen, F.: Principles of Corporate Finance, McGraw-Hill, 2008.
- 1. Slideshows of the lectures which will be uploaded continously during the semester.
- 2. Bodie Kane Marcus: Investments (10th edition), McGraw-Hill, 2014.
- 3. Brealey, R. Myers, C.S. Allen, F.: Principles of Corporate Finance, McGraw-Hill, 2008.

# 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 performance test)

#### Performance assessment methods

Detailed description of mid-term performance assessments: - 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 learning 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 50 minutes/test.

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

Summarizing study performance test: 50%
Summarizing study performance test: 50%

• total: 100%

#### Percentage of exam elements within the rating

#### Conditions for obtaining a signature, validity of the signature

According to TVSZ.

#### **Issuing grades**

Excellent	> 90
Very good	80-90
Good	70-80
Satisfactory	60-70
Pass	40-60
Fail	< 40

#### Retake and late completion

- As neither of mid-term tests determines pass marks, they cannot be retaken or made up for separately; stu- dents can retake or make up for it only in the form of one contracted test paper during make-up period free of charge. In case of retake better result is considered in grading. - If the sudent cannot achieve the minimum requirement by retake, they can make the second attempt to write the contracted test provided they have paid the fee according to the rules.

#### Coursework required for the completion of the subject

28

16

16 60

Approval and validity of subject requirements

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# 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 achi- eved. Timing of the topics may be affected by calendar or other circumstances in each semester.

- 1 Financial markets and the corporation, corporate governance
- 2 Capital investment decisions I: investment decision criteria; cash flow projections
- 3 Capital investment decisions II: Present and future value calculations
- 4 Capital investment decisions III: Project evaluation, scenario and sensitivity analysis, de-
- 5 cision trees
- 6 Business and Financial Risk I: breakeven analysis
- 7 Bussiness and Financial Risk II: operating and financial leverage
- 8 Summary, numerical exercises
- 9 MID-TERM TEST I
- 10 Dividend Policy
- 11 Long-term Financial Policy: cost of capital; capital structure theories, the effects of finan-
- 12 cial leverage
- 13 Short-term Financial Policy: Cash planning; net working capital; trade finance; managing
- 14 short-term assets and liabilities
- 15 Mergers and acquisitions and corporate restructuring
- 16 Summary of the course, numerical exercises

#### **Additional lecturers**

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