



SUBJECT DATASHEET

ANALYSIS OF MANAGEMENT DECISIONS

BMEGT20ML74

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

ANALYSIS OF MANAGEMENT DECISIONS

ID (subject code)

BMEGT20ML74

Type of subject

contact classes

Course types and lessons

<i>Type</i>	<i>Lessons</i>
Lecture	1
Practice	0
Laboratory	0

Type of assessment

exam

Number of credits

3

Subject Coordinator

Name *Position* *Contact details*

Dr. Koltai Tamás professor koltai.tamas@gtk.bme.hu

Educational organisational unit for the subject

Department of Management and Business Economics

Subject website

<https://edu.gtk.bme.hu>

Language of the subject

magyar - HU

Curricular role of the subject, recommended number of terms

Programme: **Master of Business Administration MSc from 2017/18 Term 1**

Subject Role: **Compulsory**

Recommended semester: **4**

Programme: **Master of Business Administration MSc from 2018/19 Term 1**

Subject Role: **Compulsory**

Recommended semester: **4**

Programme: **Master of Business Administration MSc from 2019/20 Term 1**

Subject Role: **Compulsory**

Recommended semester: **4**

Direct prerequisites

Strong None

Weak None

Parallel None

Exclusion None

Validity of the Subject Description

Approved by the Faculty Board of Faculty of Economic and Social Sciences, Decree No: 7th decision on the 580.063/2/2019 registration number Valid from: 30.01.2019.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

During the course, students will participate in a production simulation game and make decisions in a team. In the simulation game, student groups take over the management of a virtual electric vehicle engine company and make decisions over several periods to optimize the operation of the plant. Once the decisions have been made, they can see the results achieved on the website of the game, which they can use to improve the results for further periods. The simulation game is available on an online platform and can be easily opened from a browser. The game comes with a manual that details the game and the decision framework. Based on the contents of the manual and an initial condition, management decisions must be made over several consecutive periods and recorded online - the initial data helps to make the first decision, further decisions must be based on the results of the previous period. The analyses needed to make decisions are based on the knowledge of the subjects studied during the MBA programme, students will encounter problems and decisions of human resource management, production and operations management, accounting, and financial nature.

Academic results

Knowledge

1. The student is in possession of modern, theoretically demanding mathematical-statistical and modelling methods of problem recognition, formulation and solution, information collection and processing, he/she also knows their limitations.

Skills

1. The student formulates independent new conclusions, original ideas and solutions, is able to apply demanding analysis and modelling methods, to develop strategies for solving complex problems, to make decisions.
2. Develops and is able to represent an individual position based on one's own analysis.

Attitude

1. Is open and inclusive to new achievements in economics and practice.
2. The student considers it his/her duty to correct mistakes and develop his staff. It helps the personal professional development of your employees and subordinates.
3. Turns with interest to the results and solutions of related disciplines, open to networking.

Independence and responsibility

1. Independently selects and applies the relevant problem-solving methods in areas important for organizational policy, strategy and management
2. Performs economic analysis, decision preparation and consulting tasks independently.

Teaching methodology

Consultations, teamwork, simulation game.

Materials supporting learning

- Szimulációs játékhöz tartozó kézikönyv
- Egyéb, az oktatók által kiadott oktatási segédletek (<https://edu.gtk.bme.hu>)
- Koltai T.: Termelésmenedzsment, Typotex, 2009
- Damodaran, A.: A befektetések értékelése, Panem Kft, 2006
- Vörös J.: Termelés- és szolgáltatásmenedzsment, Akadémiai Kiadó, 2010
- Kovács Z.: A termelő és szolgáltató rendszerek fejlesztésének főbb irányai, Akadémiai Kiadó, 2017

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The learning outcomes set out in point 2.2 are assessed during the examination period by a written examination

Performance assessment methods

A. Detailed description of performance evaluations during the term: none B. Performance evaluation during the examination period (exam): Elements

of the exam: 1. written performance evaluation: after the end of the simulation game, a summary report must be submitted by the teams. The teams summarize the decisions made in the game on 15-20 pages, the circumstances and pillars of their decision-making, identify their difficulties and also mention good practices. A total of 50 points can be earned for active participation and the submitted report. The points are scored by the teams for each member of the team.

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

Percentage of exam elements within the rating

- Summary report: 100%
- Total: 100%

Conditions for obtaining a signature, validity of the signature

The condition for obtaining the signature is registration on the simulation game website. The signature is valid for the period specified in the Code of Studies

Issuing grades

Excellent	95-100
Very good	90-94
Good	78-89
Satisfactory	65-77
Pass	51-64
Fail	0-50

Retake and late completion

According to the Code of Studies.

Coursework required for the completion of the subject

participation in contact classes	12×1=12
consultation with team members	6×3=18
decision making in periods	6×2,5=15
study of the manual	15
writing the summary report	30
total	90

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by Emma Lógó, PhD, Vice Dean for Education

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

To achieve the learning outcomes outlined in section 2.2, at the beginning of the semester, students form teams in a self-organizing manner, and then, after a thorough, in-depth study of the handbook and two trial rounds, they make decisions over six periods of p

- 1 1. Formation of teams
- 2 2. Registration on the website
- 3 3. Talking through the manual, noting the most important connections
- 4 4. 2 trial rounds - testing, learning to use the website
- 5 5. 6 sharp rounds - competition between teams
- 6 6. Gathering experiences, drawing conclusions
- 7 7. Creating the executive summary report

Additional lecturers

Tamás Alexandra egyetemi tanársegéd tamas.alexandra@gtk.bme.hu

Approval and validity of subject requirements

Part III of the Subject Data Sheet is approved by the head of the Department of Management and Business Economics indicated in point

1.8 in consultation with the programme manager(s) of the relevant field(s).