

**Name of Course:**

# MANAGEMENT IN BUILDING CONSTRUCTION

**Course Code:**

MSM053ANEP

**Semester:**

1<sup>st</sup>

**Number of Credits:**

3

**Allotment of Hours per Week:**

2 lectures

**Evaluation:**

Exam (with grade)

**Prerequisites:**

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**Instructors:**

**Krisztián SZŰCS, assistant teacher**

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## Introduction, Learning Outcomes

The course focuses on the role of construction companies and enterprises in economy.

Highlighted topics are the following:

- Companies and engineering
- The coordinated behaviour of company strategies and objectives, and the emphasized role of innovation
- The place and role of leaders, and some related issues
- To win a project in the market: marketing, preparation of quotations
- To fulfil a project: production, organisation
- Management: economic planning, finances, accounting
- To help, support these processes: engineering, legal, personnel, control questions.

## General Course Description and Main Content:

The aim of this course is to introduce the terminology of the enterprises, the main influential factors of its external and internal environment. The operational processes of the enterprises, the terms of its main operations, the characteristics of its operation, the role of the strategy and business plan. The specialties of the construction entrepreneur and his/her practical knowledge.

## Methodology:

The presentations give an introduction to the above mentioned topics. Tutorials will cover some practice of the topic and some additional practical topics.

Assignments and requirements will be handed out according to the topic, which will be uploaded to the course's **Neptun Meet Street / MS Teams** platform along with the lecture materials and aids. Information related to the subject is also available on these platforms.

## Schedule:

Study period in 15 weeks:

1. Registration, requirements, introduction. Topics examined during the term.
2. Economic key concepts and actors.
3. The terminology of the enterprises
4. The environment of the enterprises and its influential factors
5. The purpose system and strategy of the enterprises, business plan
6. Basic terms of marketing, marketing strategy, role of marketing
7. Basic terms of innovation, strategic and innovation chain, fixed assets
8. Basic terms of logistics: distribution chain, logistic system, enterprise stock management

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Semester: Autumn 2020/2021

**Course Syllabus**

Time: Monday 18:30-20:00

Location: PTE MIK, A-313

9. Autumn break.
10. Preparation of business plan – situation analysis and SWOT
11. Facility realization cycle, its parts, main tasks and actors
12. Tenders in construction, public procurement procedure
13. Static return on investment calculations in construction projects.
14. Dynamic return on investment calculations in construction projects.
15. Presentation retake

**Attendance:**

Attending is required all classes, and will impact the grade (max. 10%). Unexcused absences will adversely affect the grade, and in case of absence from more than 30% of the total number of lesson will be grounds for failing the class. To be in class at the beginning time and stay until the scheduled end of the lesson is required, tardiness of more than 20 minutes will be counted as an absence. In the case of an illness or family emergency, the student must present a valid excuse, such as a doctor's note.

**Evaluation + Grading**

The final mark is based on the performed presentations. In all cases. Annex 5 of the Statutes of the University of Pécs, the Code of Studies and Examinations (CSE) of the University of Pécs shall prevail. <https://english.mik.pte.hu/codes-and-regulations>

**Grading scale**

85 – 100 p	85 % ... 100 %	(5, excellent, sehr gut)
71 – 84 p	70 % ... 85 %	(4, good, gut)
56 – 70 p	55 % ... 70 %	(3, average, befriedigend)
41 – 55 p	40 % ... 55 %	(2, satisfactory, genügend)
0 p – 40 p	0 % ... 40 %	(1, fail, ungenügend)

**Students with special needs:**

Students with special physical needs and requiring special assistance must first register with the Dean of the Students Office. All reasonable requests to provide an equal learning environment for all students is to be assured.

**Readings and reference materials**

- Class notes, guides, examples, uploaded presentations
- Szűcs Krisztián (2020): CAN ONLINE PRESENCE GIVE COMPANIES A COMPETITIVE EDGE? Pollack Periodica: An International Journal for Engineering and Information Sciences 15 : 3 pp. 26-36., 11 p. Link: <https://akjournals.com/view/journals/606/15/3/article-p26.xml>
- Szűcs Krisztián (2019): COMPETITIVENESS OF SMALL ENTERPRISES IN THE ONLINE SPACE AMONG THE HUNGARIAN COMPANIES. Analecta Technica Szegedinensia, Vol. 13., No. 2. Link: <http://www.analecta.hu/index.php/analecta/article/view/31899/32311>
- Nigel Smith (2007): Engineering Project Management. Wiley-Blackwell Publishing

We reserve the right to make changes to the details of this course syllabus (date / location / clarifications), which will be communicated to the students. In case of questions and problems that arise during the semester contact the responsible lecturer or the study program coordinator.

Pécs, 2022.09.01.

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