

## Tárgytematika / Course Description

### Supply Chain Management

KGNM\_MMTA022

Tárgyfelelős neve /

Teacher's name: dr. Buics László

Félév / Semester: 2022/23/1

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/2/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

### OKTATÁS CÉLJA / AIM OF THE COURSE

## Objectives of the Course

The aim of this course is to understand the contemporary problems of Supply Chain Management (SCM) and their interrelationships within the firm, the national and the global economy. After finishing this course you will be able to analyze, evaluate and (re)design existing value- and supply chain processes and design new ones in a changing environment, to manage functional areas of SCM, use efficient methods, deal with strategic issues and develop conceptual insights into SCM.

### TANTÁRGY TARTALMA / DESCRIPTION

- Supply Chain and Value chain
- Interpretation and relationship system of the supply chain
- Push and Pull systems
- Inventory strategies, optimization methods, bullwhip effect
- Strategic alliances and partnerships
- Digitization of supply chains
- The Industry 4.0 tool system in supply chain management
- Distribution methods of global supply chains
- The Toyota production system, adaptive, lean, hybrid and Lean strategies
- Development and operation of customer service metrics (KPI).
- Modern supply chains, issues of vulnerability and robustness

### SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

### Grading:

Continuous work is required. Two mid-term exams. (40-40 %), one mid-term paper+ppt (20 %). For the acceptance of the semester, you have to accomplish MidTerm 1. and hand in the Mid-term Paper on time.

The **mid-term exams** will consist of decisive-, multiple choice- and essay questions and a short case.

## Evaluation scale:

**0- 60 % failed, 61-70 % satisfactory, 71-80 % medium, 81- 90 % good, 91 < outstanding.**

You might get your credit-offer from 71 %. Under 71 % you have to accomplish an exam (in the examination period), based on the requirements of both Mid-term exams.

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### KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Assigned readings:

- a. Christopher, M. (2016): Logistics and Supply Chain Mgmt, 5<sup>th</sup> Ed., FT Prentice hall/Pearson, 2016
- b. Selected case studies (will be distributed in class) + lecture handouts (ppt)

Suggested readings:

- c. PwC: Transportation & Logistics Trends 2019 [https://www.pwc.com/gx/en/ceo-survey/2019/Theme-assets/reports/pwc\\_2019\\_t-l.pdf](https://www.pwc.com/gx/en/ceo-survey/2019/Theme-assets/reports/pwc_2019_t-l.pdf)
- d. Szegedi, Z. (2008): Case Studies to Logistics Management, Kossuth Publishing, Budapest, (library)

