

## Tárgytematika / Course Description Supply Chain Management

KGNM\_MMTA022

Tárgyfelelős neve /

Teacher's name: dr. Buics László

Félév / Semester: 2024/25/1

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.

The course will rely on case studies and class discussions. Please read the assigned chapters before the class! Please tell the professor prior class if you could not prepare!

### TANTÁRGY TARTALMA / DESCRIPTION

- Supply chains and Value chains
- Interpretation and relationship system of the supply chains
- 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
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## **SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD**

*The semester ends with an exam.*

**Evaluation scale:**

61-70 % - satisfactory

71-80 % - average

81-90 % - good

91-100 % - excellent

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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-1.pdf](https://www.pwc.com/gx/en/ceo-survey/2019/Theme-assets/reports/pwc_2019_t-1.pdf)
- d. Szegedi, Z. (2008): Case Studies to Logistics Management, Kossuth Publishing, Budapest, (library)

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## AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL