

Tárgytematika / Course Description

Supply Chain Management

KGNM_MMTA022

Tárgyfelelős neve /

Teacher's name: dr. Buics László

Félév / Semester: 2022/23/2

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 / ASSESSMENT'S METHOD

How the Sessions will be Conducted Both the lectures and seminars will have an interactive character. Please display your tent-card at all times visible to the instructor.

For the Seminary sessions you have to complete the assigned readings and participate in your team's case- and project discussions. Your active participation in classroom discussions is encouraged.

Grading:

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

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

The term paper: Individual work. Due on Week 11. Topics: see "Term-Paper-TopicsSCM" file

Format: you should follow the: "Term-paper-template" file. You must hand in a 5 Min. ppt-presentation as well. (Hard copy and electronically as well.)

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.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Assigned readings:

- a. Christopher, M. (2016): Logistics and Supply Chain Mgmt, 5th 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
- d. Szegedi, Z. (2008): Case Studies to Logistics Management, Kossuth Publishing, Budapest, (library)