Tárgytematika / Course Description

IT in Supply Chain

GKNM_INTA076

Tárgyfelelős neve / Teacher's name: dr. Erdős Ferenc

Félév / Semester: 2018/19/2

Beszámolási forma / Assesment: Folyamatos számonkérés

Tárgy heti óraszáma / Teaching hours(week): 2/0/0

Tárgy féléves óraszáma / Teaching hours(sem.): 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

The aim of the course is to introduce the modern information and communications technology solutions, which are relevant in the field of supply chain management.

TANTÁRGY TARTALMA / DESCRIPTION

Essential tools for SCM Data Analysis and Reporting.

CRM Solutions in SCM.

Document Management and ECM

Electronic Data Interchange in Supply Chain.

History of Information and Communications Technology.

Introduction to Computer Networks.

Wireless Technologies in Supply Chains.

IT-Security in Logistics

Main Challenges in Connection with IT in Industry 4.0.

Possibilities of AI, Big Data, Cloud and IoT in SCM.

Possibilities of Blockchain, Distributed Ledger and Smart Contract in SCM.

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

Students will get marks based on the mid-term exams.

1st mid-term exam: March 28, 2019

2nd mid-term exam: May 9, 2019

Grades and scale:

0%–39% Fail

50%–55% Pass

56%–70% Satisfactory

71%–85% Good

86%–100% Excellent

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Recommended Literature:

Hagen K.C. Pfeiffer: The Diffusion of Electronic Data Interchange. Springer
Erick C. Jones, Christopher A. Chung: RFID in Logistics; Taylor and Francis Group
A.S. Tanenbaum, D.J. Wetherall: Computer Networks. Fifth Edition; Pearson