

Tárgytematika / Course Description

Special Supply Chains

AJNB_LSTA036

Tárgyfelelős neve /

Teacher's name: dr. Tápler Csaba

Félév / Semester: 2021/22/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 3/0/0

Tárgy féléves óraszám /

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

OKTATÁS CÉLJA / AIM OF THE COURSE

The students will receive a broad introduction to special fields of supply chain management such as public utility management, healthcare logistics or maintenance logistics. The lectures will give practical and theoretical knowledge and will contain case studies and academic reviews.

TANTÁRGY TARTALMA / DESCRIPTION

1. Logistic aspects of utility infrastructure management. CT
2. Electric supply systems. Infrastructure elements, smart grids. CT
3. Gas supply systems. International and national gas transmission networks. CT
4. Oil supply networks. Infrastructure elements, oil production and consumption CT
5. Water and sewage supply network CT
6. Maintenance logistics, Maintenance Capacity Planning CT
7. Maintenance logistics, Material and Spare Parts Management CT
8. Security and safety in distribution - ZN
9. City logistics - ZN
10. City logistics - ZN

11. Healthcare logistics - ZN

12. Healthcare logistics - ZN

13. Bank logistics - ZN

14. Bank logistics - ZN

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

The assessment is based on the written exam at the end of the semester. The exam dates will be published in Neptun.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Mohamed Ben-Daya et al.: Handbook of maintenance management and Engineering, Springer-Verlag London Limited, 2009