

COURSE SYLLABUS

Course title: Supply Chain Management

ECTS: 9

Programme: Management

Level: master

Course purpose: Students evaluate the purchasing strategies in order to understand collaboration between the organizations in supply chains. Students design outsourcing strategies and argue connections between the outsourcing providers. Students analyse and calculate the Takt time model and analyse cycle time model according lean supply chain. Students recognize and explain “non-add value” activities in the process of supply chain.

Content (Syllabus outline):

1. Modern concepts in supply chain management.
2. Importance of strategic thinking in supply chain management.
3. Different types of collaboration between the organization (based on interest, contract, and ownership).
4. Outsourcing strategies (operation level vs. strategic level).
5. Takt – Time & Cycle Time model – “one piece flow”.
6. Type of risks and lean supply chain.
7. Purchasing portfolio matrix (Kraljič) and supplier’s strategies.

Intended learning outcomes:

Knowledge and understanding:

Evaluate the purchasing strategies towards key suppliers.

Assess the importance of different types of collaboration between organizations.

Identify activities that do not add value in the supply chain process.

Benchmark the practice and the factors of success of competitors.

Analyse the manufacturing operations of the organization.

Plan purchasing and operations activities in accordance with lean supply chain.