Course title	**Lean management in logistics**	Instructor	**Determined later**
		Instructor's email address	
Semester	1 ☒ 2 ☐	ECTS credits	5/3
Academic year	2019/2020	Contact hours	15 ☒ 30 ☐
Level	1-Bachelor ☒ 2-Master ☒	Language of instruction	English

Learning outcomes and competences

At the end of the course the learner is expected to be able to:

- understand the meaning of lean thinking and its potential influence on logistics.
- understand the importance of quality assurance and management in lean systems.
- select and use proper methods and tools of lean management in the area of logistics.

Course contents

1. Basic rules and objectives of logistics management.
2. The origins and definition of lean management.
3. Toyota Production System as world-class example of lean management.
4. The role of quality management in lean organizations.
5. Selected methods and tools of lean management and their influence on logistic processes – part 1.
6. Selected methods and tools of lean management and their influence on logistic processes – part 2.
7. Final test.

Recommended reading

- Myerson, P., *Lean supply chain and logistics management,* New York, NY: McGraw-Hill 2012.
- O'Driscoll N., Pilbeam A., Market Leader: Logistics Management, Wyd. Pearson 2010.
- Cichosz M., Logistics Management, Wyd. Warsaw School of Economics, Warszawa 2015.
- https://www.lean.org

Teaching and learning methods

- interactive lecture and discussion,
- case studies,
- team-working.

Assessments methods

- presence and activity during classes,
- presentations based on team-working,
- final test.