

Lecturer Prof. Dr. Florian Waibel

Course Title	Lean Management
Contact Hours (per week)	2
ECTS Credits	3
Study Programme	Bachelor
Study Year (1-4)	3/4
Semester	Winter

Objectives:

- To become acquainted with the Lean Management concept and its principles
- Understanding the background of Lean Management and its history
- Gaining experience in different Lean Management methods
- Learn how to initiate and apply selected Lean Management methods

Contents:

- History of Lean Management
- Lean Management principles (idea, philosophy, management targets)
- Implementing Lean Management in companies (guideline)
- Lean Management Methods:
 - Value Stream Analysis as basic method (case study)
 - 5S, Kaizen (simulation)
 - Different methods of Lean Management, e.g. TPM, TQM, SMED, Visual Management, Gemba, Poka Yoke (presented by students)

Recommended Readings

- Pawel Gorecki, Peter Pautsch (2010): "Lean Management", Carl Hanser Verlag.
- James P. Womack, Daniel T. Jones (2003): "Lean Thinking". Free Press.