



OPM 561 Production Management: Lean Approaches and Variability

Course Announcement

Dr. Emilia Grass Chair of Production Management - Prof. Dr. Raik Stolletz





General information

Welcome to OPM 561!

- This slide set covers information about the organizational issues of the course
- Everything is planned to be **in-person** (not recorded)
- All course materials and announcements will be provided via llias

OPM 561 Fall term



Sessions

Lecture

- Wednesdays, 10:15 11:45
- Starting September 14, 2022
- Location: 151 Hans Luik Hoersaal (Schloss Ostfluegel)
- Test yourself questions

Exercise

- Mondays, 13:45 15:15
- Starting September 19, 2022
- Location: 145 Heinrich Vetter Hoersaal (Schloss Ostfluegel)
- Solutions will be discussed and then uploaded in ILIAS

Note

 Check portal2 and ILIAS for possible updates on the location and the room

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Course Objectives

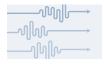
 Have an overview of requirements, objectives and key concepts in lean production management



 Develop skills for quantitative planning and business analytics in the field of production and operations management



 Understand sources and effects of variability in operations





OPM 561 - Preliminary Structure

I Introduction

• Variability in Operations Management

II Capacity planning in Operations Management

- Introduction to stochastic variability
- Design of flow production & transfer lines

III Lean Management

- Principles of lean management and implementation of lean systems
- Total Quality Management

IV Scheduling Applications

- Job shop scheduling
- Lot sizing

V Industry 4.0

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General Introduction to the Chair

- General introduction to the chair of Production Management
 - Wednesday, 07.09.2021, 10:15 11:45
 - Location: 151 Hans Luik Hoerssal (Schloss Ostfluegel)

See you in the course!

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