

Prof. Dr.-Ing. Bernd Noche

Course Syllabus

Internal Material Flow

Winter Semester 2017/2018

Fakultät für Ingenieurwissenschaften
Abteilung Maschinenbau
Transportsysteme und -logistik
Keetmanstraße 3-9
47058 Duisburg

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Course Facts

- Course: Internal Material Flow / Innerbetrieblicher Materialfluss
- Semester: Winter, 3 SWS
- Duration: 1 Semester
- Classes day: Tuesdays
- Classes time: 04:00 p.m. – 05:30 p.m.
- Room: MD 162
- Interval: weekly
 - Check regularly <http://www.uni-due.de/tul/> → “Kurznachrichten“ informieren
- Practice in lecture integrated
- First lecture: 10/10/2017
- Last lecture: 01/30/2018
- No lecture: 10/31/2017, 12/25/2017 – 01/05/2018 Christmas holidays

Lecture Team

Professor

- Prof. Dr.-Ing. Bernd Noche

Office: Campus Duisburg - Building SK - Room 215

Phone: +49 203 379-2785

E-mail: bernd.noche@uni-due.de

Consultation hours: appointment with the scientific assistant Mrs. Frank(Registration: petra.frank@uni-due.de)



Scientific associates

- Dr.-Ing. Alexander Goudz

Office : Campus Duisburg - Building SK - Room 212

Phone: +49 203 379-2784

E-mail: alexander.goudz@uni-due.de

Consultation hours : flexibel (by appointment!)

Experiences: Supply Chain Management, Inventory planning and control, Vehicle routing and scheduling, Transportation and logistic system analysis.



Study material

Instructional material (german/english)

- Department's website: <http://www.uni-due.de/tul/> → “Downloads” → “Prof. Dr.-Ing. Bernd Noche” → “Internal Material flow” → “WS 2017/2018 “
 - User name: Download
 - Passwort: tulwise
- Moodle-Plattform unter <http://www.moodle.uni-due.de> → Innerbetrieblicher Materialfluss WiSe 17/18
 - Registration key: tulwise

Note: Please bring additional material (tables, etc.) to class lectures!

Grading

Performance on the course will be assessed with:

- Final exam (Questions alternatively in German and English) 100 %
Two exam dates: 02/13/2018 and ??? (Exam date will be announced later!)

- Homework (additional to resulting note of final exam)
 - ≥ 13 Points + 1,0
 - ≥ 10 Points + 0,7
 - ≥ 7 Points + 0,3

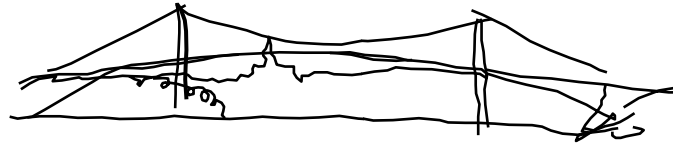
Note 1: Points of homework can only be granted after passing final exam!

Note 2: Homework, due date: 02/04/2018

Lecture Topics

Topics (German/English)

- Optimization of Material Flow
- Reliability and Availability
- Service Systems on airport terminal
- Picking Systems (Types, Strategies)
- Determination of number of vehicles (FTS)
- Internal Location Planning
- Internal Transfer Pricing System



Thank you for your
kind attention!

Prof. Dr.-Ing. Bernd Noche
Dr.-Ing. Alexander Goudz

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