



**Module:**

**Business Administration**

**Course:**

**Operations Management**

**Professor in charge:**

Prof. Dr. Bernd Ebel

**Lecturer:**

Prof. Dr. Bernd Ebel

**Target Group:**

1<sup>st</sup> semesters

**Scope:**

2 semester periods per week

**ECTS- Points:**

2,5

**Workload:**

Class Contact:	22,5 h
Examination according to §14 Abs. 3:	1,0 h
Examination preparatory:	25,0 h
Self study/preparatory and follow-up study:	26,5 h
Total:	75,0 h

**Objectives:**

To offer an introduction to the management of industrial operations and logistics. To gain an overview of the variety of the different tasks and getting knowledge of the main methods and techniques.

**Contents:**

Week	Content	References
A.	Structures	Basic literature: Ebel, Bernd: Kompakt-Training Produktionswirtschaft, 2. Auflage Ludwigshafen, 2008, ISBN: 9783-470- 53352-0  Further reading: Corsten: Produktionswirtschaft, München 2007 Günther/ Tempelmeier: Produktion und Logistik, Berlin 2007 Wöhe: Einführung in die allgemeine Betriebswirtschaftslehre, Stuttgart, 2005
B.	Fundamentals of operations management	
C.	design of general conditions	
D.	design of potential and processes	
E.	production plan generation	
F.	Production planning and control (PPS and CIM)	
G.	Integrated systems	

## **Teaching Methods:**

Lecture including discussions, case studies and exercises

## **Examination:**

written exam

## **Language:**

English 100%

## **Planned Case Studies:**

Instances from the current business press Concrete example from the experience of the professor.

## **Miscellaneous:**

Use of video clips and DVD