



Logistics and Production	
Course number	6026
Hours per week:	4
ECTS:	5
Scheduled:	Winter Term
Format:	Lecture
Examination:	Written exam
Lecturer:	Prof. Dr. Jochen Krieger
Objectives:	Knowledge about fundamental concepts in the planning, design and control of production and logistics
Contents:	<ul style="list-style-type: none">– Fundamentals of production systems– Principles of Manufacturing Systems– Tolerances and Surfaces– Fundamentals of Modern Manufacturing (Solidification Processes, Metal Forming, Material Removal Processes, Welding Processes, Assembly)– Lean Production, Toyota Production System– Warehouse Systems– Material Handling and Equipment– Inventory Management– Transportation Logistics
Recommended Reading:	Groover, Mikell, P.: Fundamentals of modern manufacturing, Wiley