


Data:	RESMGT. MA. Nr. 2082 / Examination number: 62407	Version: 19.08.2016 	Start Year: WiSe 2016
Module Name:	Resource Management		
(English):			
Responsible:	Fröhling, Magnus / Prof.		
Lecturer(s):	Fröhling, Magnus / Prof.		
Institute(s):	Professor of Ressourcemanagement		
Duration:	1 Semester(s)		
Competencies:	<p>Students</p> <ul style="list-style-type: none"> • explain the resource related corporate management tasks, structure these, • use selected tools and methods and • explain the interplay between resource management and related tasks such as operations and supply chain management. 		
Contents:	<p>The course deals with the field of resource management from an industrial perspective. This comprises resource related management tasks, methods and tools to solve these and how they are embedded within functions and processes of companies. Thereby the focus lies on repetition factors mineral raw materials and energy carriers, renewable raw materials and energy carriers as well as secondary raw materials and energy carriers.</p>		
Literature:	<ul style="list-style-type: none"> • Bausch (2009): Handbook Utility Management, Springer • Thiede (2012): Energy Efficiency in Manufacturing Systems, Springer • Thonemann (2015): Operations Management, Pearson • Vrat (2014): Materials Management, Springer • Wagner, Enzler (2006) Material Flow Management, Physica 		
Types of Teaching:	<p>S1 (WS): Lectures (2 SWS) S1 (WS): Exercises (2 SWS)</p>		
Pre-requisites:			
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	<p>For the award of credit points it is necessary to pass the module exam. The module exam contains: AP*: Assignment KA* [90 min]</p> <p>* In modules requiring more than one exam, this exam has to be passed or completed with at least "ausreichend" (4,0), respectively.</p> <p>Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: AP*: Aufgabe KA* [90 min]</p> <p>* Bei Modulen mit mehreren Prüfungsleistungen muss diese Prüfungsleistung bestanden bzw. mit mindestens "ausreichend" (4,0) bewertet sein.</p>		
Credit Points:	6		
Grade:	<p>The Grade is generated from the examination result(s) with the following weights (w): AP*: Assignment [w: 1] KA* [w: 5]</p> <p>* In modules requiring more than one exam, this exam has to be passed</p>		

or completed with at least "ausreichend" (4,0), respectively.

Workload:

The workload is 180h. It is the result of 60h attendance and 120h self-studies.