TECHNISCHE HOCHSCHULE LÜBECK

Module: Business Process Management

Level	Master	**Short Name**	BPM
Responsible Lecturers	Lohmann, Rüdiger, Prof. Dr.-Ing.		
Department, Facility	Electrical Engineering and Computer Science		
Course of Studies	Applied Information Technology, Master		
Compulsory/elective	Compulsory elective	**ECTS Credit Points**	5
Semester of Studies	2	**Semester Hours per Week**	4
Length (semesters)	1	**Workload (hours)**	150
Frequency	WiSe	**Presence Hours**	60
Teaching Language	English	**Self-Study Hours**	90

The following section is filled only if there is **exactly one** module-concluding exam.

Exam Type	Oral Exam	**Exam Language**	German/English
Exam Length (minutes)	30	**Exam Grading System**	One-third Grades
Learning Outcomes	Students will have an understanding of organizational structures and processes within enterprises. They will have learned techniques and rules of process design necessary for analysis and design of information systems.		
Participation Prerequisites	Financials and Controlling		

The previous section is filled only if there is **exactly one** module-concluding exam.

Consideration of Gender and Diversity Issues	✔ Use of gender-neutral language (THL standard) ✔ Target group specific adjustment of didactic methods ✔ Making subject diversity visible (female researchers, cultures etc.)
Applicability	
Remarks	

Module Course: Business Process Management (Lecture)

(of Module: Business Process Management)

Course Type	Lecture	**Form of Learning**	Presence
Mandatory Attendance	no	**ECTS Credit Points**	4
Participation Limit		**Semester Hours per Week**	3
Group Size		**Workload (hours)**	120
Teaching Language	English	**Presence Hours**	45
Study Achievements ("Studienleistung", SL)		**Self-Study Hours**	75
SL Length (minutes)		**SL Grading System**	

The following section is filled only if there is a course-specific exam.

Exam Type		**Exam Language**	
Exam Length (minutes)		**Exam Grading System**	
Learning Outcomes			
Participation Prerequisites	Andere Module, Lehrveranstaltungen, Vorkenntnisse usw.		

The previous section is filled only if there is a course-specific exam.

Contents	- Fundamentals of Organizations - IT Applications in Business - Book keeping, MRP, MRPII, PPS u. ERP - BOM, routing, scheduling - Business Process Management - Goals, techniques - Order Processing - OTC, P2P, planning and manufacturing, production order, scheduling, order confirmation
Literature	Essentials of Business Processes and Information Systems (Magal, Word), current edition Eversheim, W., Schuh, G., Integrierte Produkt- und Prozessgestaltung, Springer, Berlin. Eversheim, W., Organisation in der Produktionstechnik - Band 1, Grundlagen, VDI-Verlag, Düsseldorf
Remarks	

Module Course: Business Process Management (Exercises)

(of Module: Business Process Management)

Course Type	Exercise	**Form of Learning**	Presence
Mandatory Attendance	no	**ECTS Credit Points**	1
Participation Limit		**Semester Hours per Week**	1
Group Size		**Workload (hours)**	30
Teaching Language	English	**Presence Hours**	15
Study Achievements ("Studienleistung", SL)		**Self-Study Hours**	15
SL Length (minutes)		**SL Grading System**	

The following section is filled only if there is a course-specific exam.

Exam Type		**Exam Language**	
Exam Length (minutes)		**Exam Grading System**	
Learning Outcomes			
Participation Prerequisites			

The previous section is filled only if there is a course-specific exam.

Contents	The exercises train students in applying knowledge and methods of business models in several practical tasks.
Literature	See lecture
Remarks	