t.INMI3 - Informatik für Maschinentechnik-Informatik 3

Person responsible for the course:	René Klopfer, klre
Credits:	3
Valid for:	2010/2011
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Learning objectives:

- Setting up, configuration and maintenance of a heterogeneous environment
- Designing, configuration and implementation of an internet application (three tier architecture)
- Systematic documentation parallel to the design process

Course content:

System integration:
- heterogeneous environments (operating systems)
- network configuration (DHCP, WINS, Router, Firewall, ...)
- data: management, administration, stream
- access management and security, licensing
- configuration and maintenance of IT system (CAD)

Internet applications
- architecture of an application
- aspects of security
- integration in a data base
- introduction to the corresponding programming languages and tools

Documentation
-Accompanied creation of documentations

Practice:
- Project: complete configuration of a heterogeneous environments (data servers, network services, and installation / confirmation of a large application)
- Project: Implementation of an internet application

Previous knowledge:

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Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14x2L
Tutorial/Practicum	
Group teaching	14x1L
Block instruction	
Seminar	

Assessment:

According to the table or as specified in writing by the lecture at the beginning of the semester!

Number	Type	Weighting
1	End of term exam	
1	Exam during the semester	
	Further assessments	

Language of instruction:

Deutsch

Instruction material:

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Comments:

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