

t.CSY1 - Computersysteme 1

Person responsible for the course: Pietro Brossi, brpi

Credits: 4

Valid for: 2010/2011

Last saved: 10.06.2011 09:38

Learning objectives:

Students

- know basic functions, architectures and components of desktop- and mobile systems, related peripherals and extensions

- can build their own PC systems, operate them accordingly and configure devices and add-on's

Course content:

- Architectures, different processors types, peripherals and interfaces, add-on components, supplies

- type of systems, operational functions and areas, models and versions of laptop- and mobile systems and related functions and networks

- operating systems, integration of hardware, software and networks, system-engineering and software distribution

- asset-management and moderne software maintenance, mobile-computing and gadgets in a corporate network

- basic aspects of software development for automated SW-deployment, maintenance- and patch-management

- virtual desktop systems (VDI) and remote desktop solutions

- WebOS and thin clients

Previous knowledge:

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Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14 * 2
Tutorial/Practicum	7 * 4
Group teaching	
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	
2	Exam during the semester	
6	practical training sessions	

Language of instruction:

german with english parts

Instruction material:

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Comments:

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