zh aw School of Engineering

t.ITM1 - IT Infrastucture Management 1

Person responsible for the course:	Pietro Brossi, brpi
Credits:	4
Valid for:	2010/2011
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Learning objectives:

The course conveys basic know-how and skills for the area strategic management in modern ICT-environments. It develops knowledge about developing and planning of hard-/software strategies, ICT-architectures and concepts, consulting processes and gives students basic understanding about strategic partherships, relations and regulations/governance. It helps to build some fundamental skills in the area of application- & ICT-portfolio management.

During the practical training sessions the students will work in teams to transform the theoretical kwowhow into practical skills about the different themes.

- convey an overview about strategic planning tasks and related project work

- will be able to develop basic strategy concepts and to convert them into "reals-world" elements of a modern ICT environment by analyzing, describing and improving a company ICT-strategy of an existing enterprise

Course content:

Based on a real enterprise the students will:

- interview the CIO/CTO of a real company, analyse their ICT-strategy and identify the core-components of the today infrastructure/strategy in place.
- discuss the results, analyse potentials, problem zones and possible ways for improvement.
- propose detailed concepts for improvements of the current ICT-environment and develop a presentation for the CIO/CTO of that company.
- write a semester-thesis in which they describe the analyzed facts, present findings and make proposals for improvements.
- review a given "technology-outlook" based on which they will create/develop new ICT-concepts that could be deployed at the analyzed company.

Previous knowledge:

Basics of Business Administration

Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14*2
Tutorial/Practicum	7*4
Group teaching	
Block instruction	
Seminar	1

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	60 %
2	Exam during the semester	20 %
1	Further assessments	20 % semester work

Language of instruction:

german and english

Instruction material:

- slides of lectures
- additional working documents

Comments:

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