

## t.PQM - Projekt- und Qualitätsmanagement

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<b>Credits:</b>	4
<b>Valid for:</b>	2010/2011
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### Learning objectives:

Section project management

The students:

- obtain an overview of the properties of projects
- know the fields of application and prerequisites for successful project management
- recognize that project management incorporates the application of qualified methodology and tools (technical management) and furthermore includes behaviour and change management
- learn to deal with the methods and tools
- recognize that systematic behaviour and change management are the prerequisites for the successful application of the methods and tools

Section quality management

The students are able to:

- understand the interactions between a company and its environment
  - understand and implement the company's strategy
  - interpret the standard ISO 9000:2000
  - interpret the standard ISO 13485 (medicinal products)
  - understand the European TQM model according to EFQM
  - handle the implementation of standards in practical application
  - understand and analyze the processes in its environment
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### Course content:

Project Management:

- 4-Phasen-Modell
- planning of time und costs in projects
- Reviews
- tools for Project Management

Quality Management:

- structure and targets of QM-standards
  - contents of ISO 9000 ff.
  - Audits
  - Total Quality Management as EFQM
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### Previous knowledge:

non

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**Teaching method:**

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

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**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	2/3 of module mark
	Exam during the semester	
2	Further assessments	in common 1/3 of module mark

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**Language of instruction:**

Deutsch

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**Instruction material:**

Script: Projektmanagement

Script: Qualitätsmanagement

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**Comments:**

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