Qualitätsmanagementsysteme

Winter

(engl. Systems for Quality Management)

Modulnummer: FIN-INF-102625

Kürzel	CP	Semester	Fachsem.	Dauer	Sprache	Niveau
QMS	6	Winter	ab 1.	1 Semester	deutsch	Master

Link zum LSF:	LSF
Zugang beschränkt:	
Verantwortung:	Hans-Knud Arndt
Dozent:in:	Hans-Knud Arndt
Lehrveranstaltungen:	• Vorlesung *Qualitätsmanagementsysteme* • Übung *Qualitätsmanagementsysteme*
Verwendbarkeit:	- M.Sc. INF: Informatik - M.Sc. WIF: Wirtschaftsinformatik - M.Sc. DKE: Applied Data Science

Angestrebte Lernergebnisse:
Graduates of this module ...

- deal with the conflicting priorities of quality, costs and time
- know methodical approaches to the introduction of quality management in organizations
- know the legal consequences of poor quality
- know methodical approaches to measuring the conflicting priorities of quality, costs and time
- deal with the application of process-oriented quality management

Inhalt:

- Quality management basics
- Procedure concept for the introduction of a quality management system
- Legal aspects of quality management
- Deming's management program
- Methods, tools and initiatives for quality management

Arbeitsaufwand:
Attendance :

- 2 SWS lecture = 28h
- 2 SWS exercise = 28h

Independent work:

- Preparation and follow-up of lecture Development of solutions for the exercise 124h

180h = 4 SWS = 56h attendance + 124h independent work

Prüfungsvorleistungen:	**Studien-/Prüfungsleistungen:**	**Lehrform / SWS:**
Successful completion of the semester assignment enables students to take the oral exam.	Oral examination	• 2 SWS Lecture • 2 SWS Exercise

Voraussetzungen nach Prüfungsordnung:	**Empfohlene Voraussetzungen:**
None	Knowledge of methods and tools in the field of management information systems (z.B. durch Veranstaltung: Einführung in Managementinformationssysteme)

Medienformen:	**Literatur:**
	Siehe http://bauhaus.cs.uni-magdeburg.de

Hinweise:

Revision #1
Created 2026-10-31 09:07:38 UTC by Fakultät für Informatik
Updated 2026-10-31 09:07:38 UTC by Fakultät für Informatik