

Systematic Software Engineering

Content

The participants will get to know the fundamental phases and activities of software development. Alongside the actual construction activities, we will also have a look at quality assurance, project management and configuration management. The particular fields will be presented along the aspects methods, languages, tools and documents. In doing so, we will specifically be applying industrial or quasi-industrial standards in the lecture.

The lecture is structured as follows:

- Software Development Procedure Models
- Requirements Analysis
- Software Design
- Coding
- Configuration Management
- Quality Assurance

Literature

- Curtis HK Tsang, Clarence SW Lau, Ying K Leung: Object-Oriented Technology: from Diagram to Code with Visual Paradigm for UML (ISBN 007-124046-2)

Dates

- **Lecture:** Thursday, 10:30 - 12:00, AH VI
- **Exercise:** Thursday, 12:30 - 14:00, 2323

Contact

- [Dr.rer.nat. Bastian Schlich](#)

From:
<https://embedded.rwth-aachen.de/> - Informatik 11 - Embedded Software

Permanent link:
https://embedded.rwth-aachen.de/doku.php?id=en:lehre:wise0506:systematische_software_entwicklung

Last update: **2009/06/08 18:01**

