

Modulliste Software Engineering for Embedded Systems

1. Semester

Software Engineering Basics	Software Engineering Introduction	Prof. Dr. D. Rombach Prof. Dr. N. Wehn
Software Engineering Basics	Software Development for Embedded Systems	Prof. Dr. J. Poore Dr. S. Prowell
Project Management	Project Management	Dr. G. Pews F. Möhrle
On campus phase 1	Classroom Session 1	

2. Semester

Software Quality Engineering	Software Quality Assurance	Prof. Dr. P. Liggesmeyer
Software Quality Engineering	Software Product Line Engineering	Dr. M. Becker
Software Concept Engineering	Requirements Engineering	Dr. Chr. Webel I. Paech
Software Concept Engineering	Software Architectures for Embedded Software Systems	Dr. T. Kuhn Prof. Dr. N. Wehn Dr. P. O. Antonino de Assis Dr. M. Jung Dr. A. Morgenstern

Software Development Studio, on-campus phase 2

Quality and Concept Engineering

3. Semester

Software Component Engineering

Component-based Software Development

Prof. Dr. A. Poetzsch-Heffter
Prof. Dr. Ing. J. Brandt

Software Component Engineering

Model-based Component Engineering

Dr. M. Trapp

Embedded Software Engineering

Real Time Systems

Prof. Dr. H. Hansson et. al.

Embedded Software Engineering

Dependability Engineering

Dr. R. Adler

Software Development Studio, on-campus phase 3

Component and Embedded Software Engineering

4. Semester

Master thesis