Fachbereich 12 ● *Elektrotechnik und Informatik*   Fachgruppe Wissensbasierte Systeme

Announcement

Software Engineering

For Mechatronics

Wintersemester 2008/09

Prof. Dr.-Ing. Madjid Fathi

Date: 04th November – 07th November 2008   **Room:** H-A 8107

Time: 14:15 – 20:00

Language: English

Contents:
Software engineering is the application of a systematic, disciplined, quantifiable approach to the development, operation, and maintenance of software. The discipline of software engineering encompasses knowledge, tools, and methods for defining software requirements, and performing software design, software construction, software testing, and software maintenance tasks. Software engineering also draws on knowledge from fields such as computer engineering, computer science, management, mathematics, project management, quality management, software ergonomics, and systems engineering.

Topics:
Planing, Analysis, Design, Programming, Verification, Project Management, Quality Management, Configuration Management, Documentation

Structure:
The course consists of a block lecture, certain teamwork containing oral presentation and written report. Additionally, case studies complete the course.

Students need to register at 27.10.08 11:00-13:00 or 29.10.08 11:00-13:00 in room H-A 8111 or contact Mr. Fazel Ansari under ansari@kmis.uni-siegen.de

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