



SDOE 540 / SSW 540 Fundamentals of Software Engineering

This course introduces the subject of software engineering, also known as software development process or software development best practice from a quantitative, i.e., analytic- and metrics-based point of view. Topics include introductions to: software life-cycle process models from the heaviest weight, used on very large projects, to the lightest weight, e.g., extreme programming; industry-standard software engineering tools; teamwork; project planning and management; object-oriented analysis and design. The course is case history and project oriented.

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