



SDOE 564 / SSW 564 Software Requirements Analysis and Engineering

Requirements Acquisition is one of the least understood and hardest phases in the development of software products, especially because requirements are often unclear in the minds of many or most stakeholders. This course deals with the identification of stakeholders, the elicitation and verification of requirements from them, and translation into detailed requirements for a new or to-be-extended software product. It deals further with the analysis and modeling of requirements, the first steps in the direction of software design. The quality assurance aspects of the software requirements phase of the software development process is studied. Also an introduction to several formal methods for requirements specification is presented. Also listed as CS 564. Prerequisites: SSW 540.

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