Department: Faculty of Information Technology

Course Name Software Engineering

Hours per week 3

Number of Credits 3

Course Description This course is designed to introduce the state of the art of the methods for the

software development and management as well as the software quality insurance. The main topics covered include: planning and management method of software systems, requirement analysis for software system, advanced technology for software design, programming methodology, testing and maintenance techniques for software, evaluation criteria of software

quality, software tools, and software development environment.