

Degree Program	MScCS, MICT		
Title	IT Project Management		
Instructor	Peter Meinel	Code	IT C599
Module Category	Specialization module	Type of Course	Required
When offered	Trimester 3 Start date: Sep 21	Course Length	half trimester
Number of ECTS credits	3	Language Used	English
Prerequisite Modules	None	Subsequent Modules	None
<p>Required Prior Knowledge None. Some (bad ;-) IT project experience is helpful.</p>			
<p>Course Description Good project management is critically important for successful IT projects. This course provides a practical overview of the workflows, roles, activities and work products in software-intensive projects. To understand the processes managed we discuss the software development lifecycle and various software engineering process models, focusing on the agile Rational Unified Process (RUP). We use MS Project as planning, tracking and reporting tool. We may use IBM Rational Method Composer as e-coach and source for work product templates. The course consists of weekly lectures including some practical sessions using RUP and MS Project.</p>			
<p>Learning Outcomes After completing this course, students should:</p> <ul style="list-style-type: none"> * Understand the basic problems and concepts of managing software-intensive projects. * Know the main workflows of IT projects. * Be able to explain the differences between major software engineering process models. * Be able to create and monitor a project plan. * Have some experience using MS Project. * Know if becoming a project manager is desirable for them. 			
<p>Required and/or Recommended Material Required: Philippe Kruchten. The Rational Unified Process: An Introduction. Addison-Wesley, 2003 (3rd ed.), 2000 (2nd ed.). Recommended: Herb Cohen. The Game of Negotiating. Harper Audio, Audio cassette, CD or book, 2005. Recommended: Bob Hughes, Mike Cotterell. Software Project Management. McGraw Hill, 3rd Edition, 2002</p>			
Indicative Student Workload over 13 weeks		Indicative Cumulative Hours	
Contact time: Lectures		19,5	
Class preparation		10	
Assignments		25	
Team Project		35	
Total Number of Hours		89,5	

Assessment Strategies and % of Final Grade

Team Project: 40%

Personal Assignments: 50%

Homework and Class Participation: 10%

Additional Comments

Tentative Outline:

1. Introduction to IT projects
2. IT project failures
3. IT project workflows
4. SW development process models
5. Project management
6. Ethical and legal considerations
7. Project contracting and procurement
8. Jobs in IT Project Management