



1.	<b>Course title</b>	Advanced software project management
2.	<b>Course code</b>	ITMW01
3.	<b>Semester</b>	9
4.	<b>Unit offering the course</b>	Faculty of Computer Science and Engineering
5.	<b>ECTS</b>	6
6.	<b>Goals of the study programme</b>	<p>Course objectives (competencies):The course covers the theoretical and practical aspects of software project management. There isto develop knowledge of the theoretical aspects of project management and software development, andalso practical knowledge of the necessary skills such as planning, organizing,project implementation and evaluation.Upon successful completion of this course, the student will be able to:</p> <ul style="list-style-type: none"><li>· Demonstrate the advanced application of ICT project management</li><li>· Explain current research trends and management problems</li><li>· projects- to formulate, execute and revise a project plan (to recognize the resources, importantmoments and risks)- to solve problems for managing and motivating people- use advanced techniques and tools for project planning and control-</li><li>· to implement quality control tools during the development of the project-</li><li>· to recognize and evaluate methods and standards</li></ul>
7.	<b>Contents of the study programme</b>	<p>Course content:- Software life cycle- Planning and distribution- Development in stages,- important moments,- PERT,- gantograms,- WBS - work packages;- allocation of limited time and resources- Project monitoring (planning of objectives, area, resources, assessment ofproject, tools, techniques)- Communication (writing and correcting reports, presentations, team communication,conflict resolution)- Management, governance and motivation- Quality management - software measures- Process improvement (SEI CMM model, SPICE)- Risk and change management- Tools and methods</p>