

Faculty of International Economics and Administration
Department: Informatics
Professional Area: Informatics and Computer Studies
Major: Web design
Educational-and-qualification Degree: Master

COURSE DESCRIPTION

1. Course unit title: Project Cycle Management
2. Course unit code: MAN 3068
3. Type of course unit: elective
4. Level of course unit: Master
5. Year of study: second
6. Semester: third
7. Number of ECTS credits allocated: 3
8. Name of lecturer: Prof. Teodora Bakardzhieva, Phd
9. Learning outcomes of the course unit: The course is designed to provide postgraduates with basic knowledge and skills in project management for software development in the field of web design and development, and the provision of web services.
10. Mode of delivery (face-to-face, distant): face-to-face
11. Prerequisites and co-requisites: Postgraduates are required to have prior knowledge in software technology, acquired during bachelor's degree training and basic knowledge in design, software testing and software evaluation. Postgraduates are also required to have basic knowledge of management.
12. Course contents: During the course postgraduates are introduced to modern methods for the realization of small and medium-sized software projects - Scrum, extreme programming, adaptive development, selection and definition of appropriate process and its practical implementation and control. Project lifecycle management (requirements analysis, planning, execution, control and completion of the project), quality management, risk management, change management, communication management is viewed through the prism of different contemporary methods for project management - PRINCE, TenStep, COTS.
13. Recommended or required reading:
 1. Мокал Т., „Управление на проекти с метода Ten Step”, Проджекта ООД, София, 2011
 2. Илиева С. И др., „Подходи и методи за реализация на софтуерни системи”, УИ „Св. Климент Охридски”, София, 2010
 3. Несторов К., „Управление на съвременни ИТ проекти в бизнеса”, Наука и икономика, Варна, 2011
 4. Беркун С., „Искусство управления ИТ - проектами: Проблемы организации бизнеса, лидерства, разработки и представления результатов”, Питер, Москва, 2011
14. Planned learning activities and teaching methods: lectures, seminars, case studies, course assignment, contact hours
15. Assessment methods and criteria: During the written exam postgraduates answer two theoretical questions. The result of this exam determines 40% of the final grade. The continuous assessment during seminars and the submitted course assignment comprise the remaining 60%.
16. Language of instruction: Bulgarian
17. Work placement: none