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| **Course unit title** | **STUDY PAPER (INFORMATION SYSTEM PROJECT)** |
| **Course unit code** | InfT6010 |
| **Type of course unit**  | B part – Restricted option |
| **Level of course unit** | 2nd cycle (Master) |
| **Year of study**  | - |
| **Semester** | II |
| **Number of ECTS credits** | 3 |
| **Name of lecturer(s)** | Anita Jansone, Dr.sc.comp.; Dzintars Tomsons, Mg.sc.comp. |
| **Learning outcomes of the course unit** | **Aims of the course**To develop skills and abilities in designing and development of information systems**Objectives of the course*** To improve skills and abilities in planning and developing information systems.
* To improve skills and abilities, which are needed for work in information system's development engineers group.

To improve skills and abilities for documentation's preparation of information systems**Results of the course(competences to be developed)**Mastered extended skills and improved abilities, which are needed for work in information system's development engineers group. |
| **Mode of delivery** | Face-to-face |
| **Prerequisites and co-requisites** | Office and management information systems, Systemanalysis and Software Testing |
| **Recommended optional programme components** | - |
| **Course contents** | Within the framework of information system's project students without assistance are doing substantial work of information system development's planning and implementation: work out problem description, identify requirements for computer system's development, prepare a plan of information system's development and resource use, develop design of computer sytems, develop programs, carry out their testing, prepare system's documentation. |
| **Course plan** | Information system's development is being done in groups of 3-4 students in each. Students receive the description of designing information system on the second term's beginning. Separate parts of the project are prepared as indivual works in courses 'Office and management information systems', 'Systemanalysis' and 'Software Testing'Parts of the study project:* Descriptions of partners' roles
* Project Management Plan (PMP)
* Configuration management plan
* Requirements specification (PRS)
* Designing description (SDD)
* Procedure and documentation of testing
* User's manual
* Appendices

Information system's project has been defended in front of commission, where the student presents both group's shared task and product, and the results of his/her individual work |
| **Recommended or required reading** | Schwalbe K. "Information Technology Project Management, Second Edition." - Course Technology. Thomson Learning, http://www.course.com/downloads/mis/schwalbe, 2002. |
| **Planned learning activities and teaching methods** | Practical works, student's individual work |
| **Assessment methods and criteria** | Information system's development is being done in groups of 3-4 students in each. Students share responsibility between members of the group. Programming project has been defended in front of commission, where the student presents both group's shared task and product, and the results of his/her individual work (software, documentation etc.) |
| **Language of instruction** | English |
| **Work placement(s)** | N/a |