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| **Course unit title** | **STUDY PAPER (MULTIMEDIA PROJECT)** |
| **Course unit code** | InfT6026 |
| **Type of course unit**  | A part – Compulsory part |
| **Level of course unit** | 2nd cycle (Master) |
| **Year of study**  | - |
| **Semester** | IV |
| **Number of ECTS credits** | 3 |
| **Name of lecturer(s)** | Jānis Letinskis, Mg.sc.educ.; Aigars Alnis, M.sc.ing. |
| **Learning outcomes of the course unit** | **Aims of the course**The aim of multimedia system's development project is to develop skills and abilities in designing anf devlopment of multimedia system**Objectives of the course*** To develop planning and designing skills and abilities in multimedia system's development
* To improve skills and abilities, which are needed for work in Computer systems’ designing workgroup.

To improve needed skills and abilities for development of computer systems documentation.**Results of the course (competences to be developed)**Mastered skills and improved abilities, which are needed for work in computer systems development engineers work group in multimedia projects |
| **Mode of delivery** | Face-to-face |
| **Prerequisites and co-requisites** | - |
| **Recommended optional programme components** | - |
| **Course contents** | Within the framework of multimedia system's development project students without assistance are doing substantial work of miltimedia system's devlopment: to work out problem description, identify requirements for computer system's development, prepare design of computer system, develop program, carry out testing, prepare system's documentation |
| **Course plan** | Multimedia system's development project is being done in groups of 3-4 for 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 (program, documentation etc.)Parts of the study project:* Descriptions of partners' roles
* Requirements specification (PRS)
* Designing description (SDD)
* User manual
* Developed multimedia system's components, their description
* Appendices

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| **Recommended or required reading** | Schwalbe K. "Information Technology Project Management, Second Edition." - Course Technology. Thomson Learning, http://www.course.com/downloads/mis/schwalbe, 2002.Sommerville, I. (1998) Software Engineering. Fifth Edition. Addison-Wesley. |
| **Planned learning activities and teaching methods** | Practical works, student's individual work |
| **Assessment methods and criteria** | **Test**Multimedia system's development project is being done in groups of 3-4 for 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 |