|  |  |
| --- | --- |
| **Course unit title** | **DIPLOMA PROJECT** |
| **Course unit code** | Citi6042 |
| **Type of course unit**  | B part – Restricted option |
| **Level of course unit** | 2nd cycle (Master) |
| **Year of study**  | - |
| **Semester** | V |
| **Number of ECTS credits** | 9 |
| **Name of lecturer(s)** | Anita Jansone, Dr.sc.comp. |
| **Learning outcomes of the course unit** | **Aims of the course**The aim of the diploma project is to acknowledge students' professional training and abilities in solving without assistance curent problems in information and communication technologies field.**Objectives of the course*** To develop programming skills and abilities with modern programming computer systems' development tools
* To improve skills and abilities, which are needed for work in computer systems' development engineers work group
* To improve needed skills and abilities for development of software and computer systems' documentation
 |
| **Mode of delivery** | Face-to-face |
| **Prerequisites and co-requisites** | Practice |
| **Recommended optional programme components** | - |
| **Course contents** | Diploma project is a part of public exam, which aim to acknowledge author's professional training and abilities in solving without assistance curent problems in information and communication technologies field. The amount of the diploma project has to match up to at least three months work of a person. Diploma project has to be format in compliance with methodical instruction requirements 'Writing and formating of study works'. Its sturcture complies with the State Sandard of Latvia of software development and systems' documentation. |
| **Course plan** | Development of the diploma project is done individually, consulting with the supervisor. The theme and supervisor of the diplom aporject is confirmed at the meeting of the Department of Mathematics and Computer Science. Diploma project has to be format in compliance with methodical instruction requirements 'Writing and formating of study works'.Main parts of the diploma project :* Short comprehensive description of the diploma project
* Situation's analysis and project's substantiation
* Analysis of the chosen tools for project implementation
* Project Management Plan (PMP)
* Configuration management plan
* Requirements specification (PRS)
* Designing description (SDD)
* Conclusions
* Appendices

Diploma project has been defended in front of commission, which membership is formed in compliance with Regulations issued by the Cabinet No. 481 (from 20.22.2001.) 'Regultions about second level professional higher education's state standard'. It is confirmed with LAP rector decree. |
| **Recommended or required reading** | - |
| **Planned learning activities and teaching methods** | Students’ practical works, students’ individual work |
| **Assessment methods and criteria** | **Exam**Diploma project has to be format in compliance with methodical instruction requirements 'Writing and formating of study works'.It is presented in for Public examination commission |
| **Language of instruction** | English |
| **Work placement(s)** | N/a |