RTU academic master study program Business Informatics

DPI704 Quality, Risk and Security Technologies

Abstract

A modern enterprise's operations are closely related to the application of information and communications technology. For the most part, enterprises cannot remain competitive and viable without resorting to ICT. However, selecting the most appropriate technologies for a specific company requires an understanding of ICT. Some of the most crucial prerequisites for successful deployment of ICT in an enterprise is the quality of technologies chosen, understanding of the risks associated with such technologies and security of the selected technologies. The main topic of the course is an overview of the existing quality, risk and security technologies from the following viewpoints: 1) Process; 2) Activities; 3) Standards; 4) Methods applied; and 5) Best practice examples. To ensure that the aim of the course is successfully attained, theoretical studies are complemented with practical deployment and analysis of the technologies discussed. During the practical part of the course, narratives of quality, risk and security management processes are
created, existing methods and standards are applied to real-life enterprises' situation examples and existing technologies are applied in practice.

Within course cooperation with:

Faculty team

Responsible instructor
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