

Course Outline: 37E00200, Strategic IT Management

Date & Time (Changes possible)	Topic of Lecture/Session (Changes possible)	Article used in class discussion & exercise instructions
Date: 31.Oct Time:16.15-18.45 (Tuesday)	1. Digital data explosion and digital strategy: From physical and electronic business to digital business and digital strategy – Digital data explosion and the use of strategy analysis applied to guide IT governance and strategic IT management	Article 1. Instructions given to article reviews.
Date: 01.Nov Time:16.15-18.45 (Wednesday)	2. Corporate and IT governance: What is IT governance, intra-organizational and inter-organizational IT governance and governance of data. What are the most widely used IT governance methods?	Article 2. Media Plc. case Instructions to the Media Plc. essay exercise
Date: 07.Nov Time:16.15-20.00 (Tuesday)	3. Alignment of business and IT – How to make business-IT alignment work in practice. What are the consequences if the alignment of business and IT is not done properly? 4. Organization principles of the IT function – What IT organization alternatives exist and how do alternatives impact business? Business IT and corporate IT	Article 3 Article 4
Date: 14.Nov Time:16.15-20.00 (Tuesday)	5. IT decision-making rights – Centralized vs. de-centralized, business executives vs. IT executives and what are the impacts of arrangements to business? 6. IT services continuity and risk management – How to manage IT risks from the enterprise risk management (ERM) perspective	Article 5. Article 6
Date: 21.Nov Time:16.15-18.45 (Tuesday)	7. IT business value management – How to measure and evaluate the performance and the business value of IT and IT services?	Article 7.
Date: 22.Nov Time:16.15-18.45	8. The role of the CIO/CDO in an enterprise – What does a Chief Information Officer (CIO) do and what makes him/her a good business executive?	Article 8.

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(Wednesday)

Date: 28.Nov Time:16.15-20.00	9. IT project and portfolio management – How to allocate and manage resources used in IT development projects and in IT services production? (IT) outsourcing including cloud services?	Article 9.
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(Tuesday)	10. Purchasing of IT services – How to define IT sourcing strategy and how to succeed in (IT) outsourcing and cloud services?	Article 10.
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Date: 29.Nov Time:16.15-18.45	11. Management of IT enabled innovations – What is the role IT in innovations and in innovation management. Value through innovation method	Article 11.
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(Wednesday) eBusiness to robotics and Blockchain technology

Date: 5.Dec Time:16.15-18.45	12. How to manage emerging technologies – the future of digital economy: Artificial intelligence, robotics, distributed ledger technologies (a.k.a. Blockchain), ...?	Article 12.
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(Tuesday)

Date: 06.Dec
Holiday- 100th Finnish Independence Day

Date: 12.Dec

Time:16.15-18.45	Student group presentations of the Media Plc. Case exercise
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(Tuesday)

Please, note that due to lecturers unavailability on November 8th and 15th and Republic Finland's Independence Day on December 6th, there are three longer lectures on Tuesdays November 7th, 14th and 28th.