

| Week | Date       | Topic                                                           | Readings                                                          |
|------|------------|-----------------------------------------------------------------|-------------------------------------------------------------------|
| 1    | 26.10.2020 | L1 Introduction, assignments, course content, IT Business value | Melville et al. 2004, MISQ                                        |
|      | 28.10.2020 | L2 Structured data, data as new oil, digital artifacts          | Kallinikos et al. 2013, MISQ                                      |
|      | 30.10.2020 | E1 Case e-invoicing                                             | Case 1: Tieto                                                     |
| 2    | 2.11.2020  | L3 Governance1 - outsourcing of IT                              | Asatiani et al. 2019, JIT                                         |
|      | 4.11.2020  | E2 Case XBRL                                                    | Case 2: XBRL                                                      |
|      | 6.11.2020  | L4 Governance2 - virtual organizing and cloud computing         | Asatiani & Penttinen 2019, ISJ                                    |
| 3    | 9.11.2020  | Self-study week - group negotiations Case Tieto                 | Nicholas Carr - The Glass Cage: How Our Computers Are Changing Us |
|      | 11.11.2020 |                                                                 |                                                                   |
|      | 13.11.2020 |                                                                 |                                                                   |
| 4    | 16.11.2020 | L5 Automation1 - human-automation interaction                   | Salovaara et al. 2019, MISQ                                       |
|      | 18.11.2020 | E3 Case Nokia                                                   | Case3: Nokia                                                      |
|      | 20.11.2020 | L6 Automation2 - discontinuance of IT/IS                        | Rinta-Kahila 2018                                                 |
| 5    | 23.11.2020 | L7 Automation3 - implementation guidelines of AI                | Asatiani et al. 2019, ICIS                                        |
|      | 25.11.2020 | E4 Case Kluuvin apteekki                                        | Case4: Kluuvin apteekki                                           |
|      | 27.11.2020 | L8 Automation4 - machine learning development, explainable AI   | PWC 2018                                                          |
| 6    | 30.11.2020 | L9 Automation5 - dark side of automation, deskilling            | Rinta-Kahila 2018b, paper III                                     |
|      | 2.12.2020  | E5 Case Presentations                                           |                                                                   |
|      | 4.12.2020  | No class                                                        |                                                                   |