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| 1. Course title: Management of Information Systems | | | | |
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| 2. Code: | | 3. Type (lecture, practice etc.): lecture+seminar | | |
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| 4. Contact hours: 2+2 hoursper week | | 5. Number of credits (ECTS): 5 | | |
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| 6. Preliminary conditions (max. 3): | | | | |
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| 7. Announced:fall semester, spring semester, both | | | | |
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| 8. Limit for participants: 150 | | | | |
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| 10. Responsible teacher (faculty, institute and department):  Dr. Mátyás Koniorczyk (Faculty of Science, Institute of Mathematics and Informatics, Department of Applied Mathematics) | | | | |
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| 11. Teacher(s) and percentage: | | Horváth Zoltán | | 100% |
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| 12. Language:English | | | | |
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| 13. Course objectives and/or learning outcomes:  Objectives:  To make this topic more manageable, boundaries will be defined. First, because of the vast number of activities relating to management information systems, a total review is not possible. Those discussed here is only a partial sampling of activities, reflecting the author's viewpoint of the more common and interesting developments. Likewise where there were multiple effects in a similar area of development, only selected ones will be used to illustrate concepts.  Learning outcomes:  Upon successful completion of this module, candidates will be able to demonstrate their competence  in, and their ability to:   Understand types of MIS applications in organisations   Discuss the development of management information systems in organisations.   Select and design MIS systems appropriate to meet management requirements.   Critically evaluate MIS contributions to the strategic management of organisations | | | | |
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| 14. Course outline   1. Introduction - and - Telecommunications Management Network, TMN Entity-relation modeling. Seminar: Building entity-relation models. 2. IP Overview, Networks. 3. Servers, desktops. 4. Storages, Storage Networks, Virtualisation 5. Back-up and Restore. 6. Data Centers 7. IT services - 1 8. IT services – 2 9. IT services - 3. 10. Further exercises 11. Further exercises 12. Further exercises | | | | |
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| 15. Mid-semester works  Seminars end with tasks to be finished as a homework. Besides, each student is given a more complex task on the 9th week, which has to be submitted along with the documentation of the solution. | | | | |
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| 16. Course requirements and grading  A mark is given for sumbitted more complex tasks. The solution has to be presented at the final oral exam, where a theoretical topic has to be presented, too. A mark is given for both. The final mark is the mean of the three marks. The homework can be amended once. | | | | |
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| 17. List of readings   1. Laudon, K. C., Laudon, J. P., & Brabston, M. E. (2013). Management information systems: Managing the digital firm (6th Cdn. ed.). Toronto, ON: Pearson Education Canada Inc. ISBN: 9780133259438) | | | | |
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| 18. Recommended texts, further readings   1. Grauer, R. T., Mast, K., Poatsy, M. A. (2011) Exploring Microsoft®: Office Access 2010 Introductory, Upper Saddle River, New Jersey: Pearson Education Inc. ISBN: 9781256870555 PostgreSQL online oktatóanyagok (pl. https://www.tutorialspoint.com/postgresql/, 2017) | | | | |
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| **Date** | 13 April, 2017 | **Prepared by** |  | |
| Dr. Mátyás KONIORCZYK  responsible teacher | |
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| **Endorsed by** | | |  | |
| XXX program supervisor | |