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| Title of course | **Digital Finance** |
| Responsible instructor | N.N. |
| Learning objectives | * Understand the relevance of digital transformation and how it affects finance in the sense of both the financial industry and the finance function within a company * Know the sectoral, functional and regional effects of digitalisation on the financial sector * Identify the effects of digital transformation on the financing, investing, financial and management accounting of a company * Critically assess the potential of artificial intelligence and the practical applications in the financial industry * Know and evaluate the potential of Blockchain / Distributed Ledger Technology and the practical applications such as crypto currencies or crypto assets * Identify and analyse the various FinTech/InsurTech/PropTech/ RegTech business models and their impact on the respective markets * Evaluate * Understand the current regulatory environment and relevant aspects in financial reporting * Reflect on the role and issues of data protection and privacy |
| Course contents | 1. Digital transformation of the financial industry  2. Digital transformation of finance as the function within a business  3. Issues of data protection and regulation |
| Teaching methods | * Lectures * Case studies * Hermeneutic discourses * Maieutic discourses * Discussion * Self-study |
| Prerequisites | There are no formal requirements. |
| Suggested reading | Preferably most recent edition:   * Beaumont, P. H.: Digital Finance. Big Data, Start-ups, and the Future of Financial Services, Routledge * Liermann, V.; Stegmann, C.: The Impact of Digital Transformation and FinTech on the Finance Professional, Palgrave Macmillan * Lynn, T. et al.: Disrupting Finance, Palgrave Macmillan * Arslanian, H., Fischer, F.: The Future of Finance - The Impact of FinTech, AI, and Crypto on Financial Services, Palgrave Macmillan * Further references will be given during the classes. |
| Applicability | This course is in particular applicable to the following Master programmes:  International Business and Economics (M.A.; “IBE”), Finance (M.Sc.).  This course is also applicable to other business-oriented Master programmes offered by Schmalkalden University of Applied Sciences. |
| Workload | Total workload: 180 hours, of them:   * Lecture: 45 * Self-study: 135, of them: * Course preparation (in particular reading): 45 * Follow-up: 45 * Exam preparation: 45 |
| ECTS credit points and weighting factor | 6 ECTS credit points; weighting factor: 6/120 (IBE) or 6/90 (Finance), respectively |
| Basis of student evaluation | Comprehensive written examination, 90 minutes (100%) |
| Time | First academic year |
| Frequency | Each academic year |
| Duration | One semester |
| Course type | Elective course |
| Remarks | Teaching language is English. |