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.