



THE CYPRUS INTERNATIONAL INSTITUTE OF MANAGEMENT
COURSE UNIT DESCRIPTION

Course Unit Title	FinTech (Innovative Financial Technologies)	
Course Unit Code	FB470	
Type of Unit	Core	
Level of Course Unit	Second cycle	
Year of Study	Second year	
Semester	On demand	
Number of ECTS Credits	6 ECTS	
Course Unit Objectives	<ul style="list-style-type: none"> • Understand what FinTech is and how it changes society • Understand the various forms of innovation in the context of FinTech • Learn about the technologies that contribute to FinTech's success • Become familiar with how FinTech affects various aspects of the financial sector: banking, payments, insurance, investments, real estate, etc. • Learn the taxonomy of digital currencies • Use real-world examples to assess the changes, disruption and adaptations resulting from the rise of Fintech solutions 	
Learning Outcomes	On completion of this course students are expected to:	
	CILO 1	Understand what is FinTech and how it changes the financial system
	CILO 2	Recognize the technologies that Fintech Companies use to innovate
	CILO 3	Gain a working understanding of sectors in the financial sector and how they are changed by Fintech
	CILO 4	Be familiar with Digital Currencies and their various forms
	CILO 5	Understand the interaction between FinTech and Society
Name of Instructor(s)	Prof. Yigal Newman	
Mode of delivery	Face to Face	
Prerequisites or corequisites	None	
Course Content	Introduction to FinTech	CILO 1,2
	Key FinTech Solutions by sector: banking, payments, insurance, RE,	CILO 3
	Digital Currencies	CILO 4
	FinTech and Society	CILO 4, 5
Recommended reading	<p><u>Textbooks:</u> Chishti, S., Barberis, J., (2016). The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries, Wiley: Hoboken, ISBN: 978-1-119-21887-6. Lipton, A., Treccani, A., (2021). Blockchain and Distributed Ledgers: Mathematics, Technology, and Economics, WSPC, ISBN: 978-9811221514</p> <p><u>Articles & Journals:</u> Chen, M., Wu Q. & Yang B. (2019). How Valuable Is Fintech Innovation? Review of Financial Studies, 1-45. Available from (open access): https://academic.oup.com/rfs/article/32/5/2062/5427776?login=true Zarifis A., Kawalek P. & Azadegan A. (2021). 'Evaluating if Trust and Personal Information Privacy Concerns are Barriers to Using Health Insurance that Explicitly Utilizes AI', Journal of Internet Commerce, vol.20, pp.66-83. Available from (open access): https://doi.org/10.1080/15332861.2020.1832817 Zarifis A., Holland C.P. & Milne A. (2019). Evaluating the impact of AI on insurance: The four emerging AI and data driven business models, Emerald Open Research, pp.1-17. Available from (open access): https://emeraldopenresearch.com/articles/1-15/ Herbert I., Milne A. & Zarifis A. (2019). Data technologies and next generation insurance operations, Journal of Financial Transformation, vol.50, pp.110-117. Available from: https://ideas.repec.org/a/ris/jofitr/1630.html</p> <p><u>Online sources:</u> https://Fintechweekly.com/</p>	
Planned learning activities and teaching methods	Lectures; in-class discussion and debates; in-class exercises;	

Assessment methods and criteria	Class participation: 20% Exam: 80%
Language of Instruction	English
Work Placement(s)	Not applicable