



The Hebrew University of Jerusalem

Syllabus

Fintech - 55735

Last update 12-09-2024

HU Credits: 3

Degree/Cycle: 2nd degree (Master)

Responsible Department: Business Administration

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Prof. Yigal Newman

Coordinator Email: Yigal.Newman@mail.huji.ac.il

Coordinator Office Hours: BY appointment

Teaching Staff:

Prof. Yigal Newman

Course/Module description:

see learning outcomes

Course/Module aims:

see learning outcomes

Learning outcomes - On successful completion of this module, students should be able to:

Understand papers in the area of judgment and decision making

Be able to criticize findings in the area

Apply ideas from the field to daily life, including the organizational and management areas

Develop an interesting research question in the area of decision making

Attendance requirements(%):

80

Teaching arrangement and method of instruction: seminar

Course/Module Content:

moodle

Required Reading:

ספרים:

- The following (free) book shows how distributed ledger technology can transform economic organization and financial structure:
Robert M. Townsend, "Distributed Ledgers: Design and Regulation of Financial Infrastructure and Payment Systems", The MIT Press, October 2020.
Available online at <https://direct.mit.edu/books/book/4932/Distributed-LedgersDesign-and-Regulation-of>
- The Following book lays out a vision of what we should build in the new economy, covering not only how to reforge our societies' social contract but also how institutions, systems, infrastructure, and law should change in support of this new

order.

Alex Pentland, "Building the New Economy", The MIT Press, October 2020.

Available online at <https://wip.mitpress.mit.edu/new-economy>

• Alexander Lipton and Adrien Treccani, "Blockchain and Distributed Ledgers", World Scientific August 2021

מאמרים:

1. Satoshi Nakamoto, "Bitcoin: A Peer- to-peer Electronic Cash System", 2008.

Available online at <https://bitcoin.org/bitcoin.pdf>

2. PWC Report on CBDC (will be provided ahead of time)

3. ST Omarova, 'Technology v Technocracy: Fintech as a Regulatory Challenge' (2020) 6 Journal of Financial Regulation, pp. 75-124.

4. Arner, Douglas W; Buckley, Ross P; Zetzsche, Dirk A; Veidt Robin. "Sustainability, FinTech and Financial Inclusion", European business organization law review, 2020-03, Vol.21 (1), p.7-3

Additional Reading Material:

- • *FinTech Innovation : From Robo-Advisors to Goal Based Investing and Gamification*, Paulo Sironi, Wiley 2016

• *The FINTECH Book : The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries*, Susane Chishi and Janos Barberis, Wiley 2016

• *The Future of Finance : The Impact of FinTech, AI, and Crypto on Financial Services*, Henri Arslanian and Fabrice Fischer, Springer 2016

• *FinTech For Dummies*, by Steven O'Hanlon, Susanne Chishti, Brendan Bradley, James Jockle, and Dawn Patrick, Wiley 2020

• *A Guide to Financial Regulation for Fintech Entrepreneurs*, Stefan Loesch, Wiley 2018

• *The REGTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries in Regulation*, by Janos Barberis and Douglas Arner, Wiley 2019

• Marcia Stigum and Anthony Credcenzi, "Stigum's Money Market, 4E," McGraw-Hill Education; 4th edition (March 2, 2007)

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 60 %

Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 40 %

Additional information:

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