

MGT-523 Principles of Disruptive Innovation



UNIVERSITY OF NICOSIA
ΠΑΝΕΠΙΣΤΗΜΙΟ ΛΕΥΚΩΣΙΑΣ

University of Nicosia, Cyprus

Course Code MGT-523	Course Title Principles of Disruptive Innovation	ECTS Credits 10
Department School of Business and Computer Science	Semester Fall/Spring/Summer	Prerequisites DFIN-511
Type of Course Required	Field Business	Language of Instruction English
Level of Course 2 nd cycle	Year of Study 1 st	Lecturer Professor George M. Giaglis
Mode of Delivery Distance learning	Work Placement N/A	Co-requisites None

Objectives of the Course:

The objectives of this course are twofold: First, to introduce principles of disruptive innovation in entrepreneurial and economic settings. Second, to focus on disruptive innovation in the sphere of digital currencies and discuss forces that shape the future of digital currency and blockchain phenomena.

To help students make sense of this complex and fragmented subject, the course adopts a dual perspective:

- a) The first half of the course introduces concepts and methods for managing innovation, including: the importance of innovation; how to manage and measure it; sources of innovation and innovation networks; diffusion of innovations; new product/service development; and entrepreneurship.
- b) The second half of the course adopts a practice-oriented perspective to introduce students to on-going innovations in the field of digital currencies, through real-life case studies and invited guest talks.

Learning Outcomes:

After completion of the course, students are expected to be able to:

1. Understand the main dimensions of innovation in terms of management, policy, the economy and government in order to develop an analytic ability in this area.

2. Understand the emerging opportunities and threats for existing and new businesses that disruptive technologies, such as digital currencies, have brought and may bring.
3. Develop applicable business models that can either be integrated into existing organizations or be used to create new ones.
4. Develop their understanding of digital currencies and blockchains as financial and technological innovations.
5. Analyze the core principles of a number of disruptive innovations, such as: decentralized digital currencies, blockchains, Fintech, big data, 3D printing, the internet of things, augmented reality, crowd funding, crowdsourcing, and others.

Course Contents:

Lecture	Topic
1	Introduction and the importance of innovation
2	Managing and measuring Innovation
3	Sources of innovation; Innovation networks
4	Forecasting and the diffusion of innovations
5	New product/service development
6	Entrepreneurship and new ventures
7	Innovation Secrets of Steve Jobs
8	Ethereum
9	Democratizing innovation
10	Kryptokit
11	Disrupt: Think the unthinkable
12	Decentral

Learning Activities and Teaching Methods:

Lectures, video lectures, invited talks by prominent figures in innovation, case studies
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Assessment Methods:

Weekly assignments	100 %
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Required Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
Joe Tidd, John Bessant	<i>Managing Innovation: Integrating Technological, Market and Organizational Change, 5th Edition</i> (Wiley E-Text)	Wiley	2013	978-1-118-53859-3

Recommended Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
Eric Von Hippel	<i>Democratizing Innovation</i>	MIT Press	2005	0262720477 (also available as free download from author)
Luke Williams	<i>Disrupt: Think the Unthinkable to Spark Transformation in Your Business</i>	Pearson/FT Press	2010	0137025149
Peter Drucker	<i>Innovation And Entrepreneurship</i>	Harper Business	2006 edition	0060851139
Larry Keeley, Helen Walters, Rayn Pikkell, Brian Quinn	<i>Ten Types of Innovation: The Discipline of Building Breakthroughs</i>	Wiley	2013	1118504240
Melissa A. Schilling	<i>Strategic Management of Technological Innovation, 4th Edition</i>	McGraw Hill	2012	0078029236
Tony Davila Marc Epstein Robert Shelton	<i>Making Innovation Work: How to Manage It, Measure It, and Profit from It, Updated Edition</i>	Pearson/FT Press	2013	0133092585
Dean Anderson, Linda Ackerman	<i>Beyond Change Management: How to</i>	Wiley	2010	978-0-470-64808-7

Anderson	<i>Achieve Breakthrough Results Through Conscious Change Leadership, 2nd Edition</i>			
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