

MODULE DESCRIPTOR

MODULE TITLE	FINANCIAL TECHNOLOGY		
MODULE CODE	AC2013 (L5)	CREDIT VALUE	20 UK CREDITS / <u>10 ECTS</u>
SCHOOL	SCHOOL OF BUSINESS AND MANAGEMENT		

MODULE AIMS

To offer students a practical and theoretical knowledge of the way financial services industries are evolving through the implementation and use of digital innovation and information technologies.

MODULE CONTENT

Indicative syllabus content:

The module looks at both: the external aspects of technological and market advancements, as well as the internal aspects of corporate transformation. Both external and internal aspects are examined in conjunction with new and agile ways of working.

Particularly, the module looks at the recent developments of FinTech innovation for accounts and payments, digital transformation in banking, new ways of value exchange based on digital tokens (e.g. cryptocurrencies) and shared-ledger (e.g. blockchain) technologies. Financial regulations and their impact on the sector will also be examined.

Additionally, the module looks at how banks and other financial institutions develop their internal structures and processes to create the culture and advance the capabilities to support unrelenting innovation and strategic agility in cases of technological disruption.

Students will be introduced to the basics of design thinking and will learn how to implement story mapping techniques. Further, they will be introduced, and they will practice the techniques of agile teamwork in product development.

Students will be exposed to the ways Fintech innovations are evolving and practically applied by a number of visits to innovation centres in large financial institutions.

INTENDED LEARNING OUTCOMES

On successful completion of this module a student will be able to:

1. Comprehend the notions of money, money supply, and look at the way today's globalised financial markets and money transfer systems are affected by the development of digital currencies.
2. Examine the characteristics of digital innovation and information technology along with disruptive possibilities for the numerous industries in the financial services sector.
3. Explain the different financial innovations, in particular EU and UK, and look at their relation to data and information technology.
4. Assess the evolving business models that can be implemented by financial institutions while they digitize their processes.
5. Evaluate the latest technological developments in finance and critically look at the influence of technology and big data on business models and processes.

TEACHING METHODS

Class contact time will be one lecture per week and one group session each week, comprising of group discussion sessions to analyse problems; progress tests (written and online) to probe understanding of topics covered; and with a practical workshop with the utilisation of the trading room environment that will be implemented via the partnering of the School of Business and Management with the international company (i.e. Credit Financier Invest Ltd). Credit Financier Invest shall offer access and training to BA (Hons) Accounting and Finance students to their online trading platform. The main participation of students is centred on independent learning and preparation of material for group sessions and trading tutorials via the online platform. All of the sessions will provide the opportunity for, and encourage, student input. Theory

and practice will be examined in relation to problem scenarios discussed at different sessions. The module is structured to facilitate student-centred learning.

ASSESSMENT METHODS

This module is assessed through one Coursework/Written Assignment and one Examination.