MODULE OUTLINE

1. GENERAL INFORMATION

SCHOOL	SOCIAL SCIENCES		
PROGRAM COURSE	BANKING, FINANCE AND FINANCIAL TECNOLOGY (FINTECH)		
LEVEL OF STUDY	POSTGRADUATE		
MODULE CODE	TPAX61	**YEAR OF STUDY**	2nd
MODULE TITLE	FINANCIAL TECHNOLOGY (FINTECH)		
INDEPENDENT TEACHING ACTIVITIES *in case credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the entire course, give the weekly teaching hours and the total credits*		**HOURS**	**CREDIS**
Weekly workload hours 18-19 × 30 weeks		560	20 ECTS
COURSE TYPE Compulsory, Optional, Optional mandatory	Compulsory		
PREREQUISITE MODULES:	There are no prerequisites for this module		
LANGUAGE OF INSTRUCTION AND EXAMS	Greek		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	No (due to annual duration of the module)		
MODULE WEBSITE (URL)	https://www.eap.gr/en/banking/topics/		

2. LEARNING OUTCOMES

Learning Outcomes

- *The course learning outcomes, specific knowledge, skills and competences of an appropriate (certain) level, which students will acquire upon successful completion of the course, are described in detail. It is necessary to consult:*

Upon successful completion of the module, students will be able to:

- Understand the automated control of financial transactions and the consequent improvement in risk management.
- Improve communication with their customers.
- Provide alternative communication channels and personalized services.
- Identify alternative forms of financing and credit control.
- Develop alternative forms of investing to extend their base clientele.
- Improve transaction security through better risk management.
- Develop new forms of electronic payments.

General Competences

Taking into consideration the general competences that students/graduates must acquire (as those are described in the Diploma Supplement and are mentioned below), at which of the following does the course attendance aim?

Search for, analysis and synthesis of data and information by the use of appropriate technologies,
Adapting to new situations
Decision-making
Individual/Independent work
Group/Team work
Working in an international environment
Working in an interdisciplinary environment
Introduction of innovative research
Project planning and management
Respect for diversity and multiculturalism
Environmental awareness
Social, professional and ethical responsibility and sensitivity to gender issues
Critical thinking
Development of free, creative and inductive thinking
……
Working in an interdisciplinary environment (Other…….citizenship, spiritual freedom, social awareness, altruism etc.) …….

- Search for, analysis and synthesis of data and information by the use of appropriate technologies,
- Adapting to new situations
- Decision-making
- Individual/Independent work
- Working in an interdisciplinary environment
- Project planning and management
- Critical thinking
- Development of free, creative and inductive thinking

3. MODULE CONTENT

This module aims to help the student understand the use of technology-enabled innovation in financial services that could result in new business models, applications, processes or products with an associated material effect on the provision of financial services.

Subjects covered:

- Entrepreneurship and Innovation
- Blockchain and cryptocurrency
- Harnessing data with Artificial Intelligence and Machine Learning
- Peer-to-peer lending, crowdfunding and modern investing

4. TEACHING METHODS - ASSESSMENT

MODES OF DELIVERY *Face-to-face, in-class lecturing, distance teaching and distance learning etc.*	Distance education with five (5) Group Counseling Meetings (OSS) during the academic year on weekends.
USE OF INFORMATION AND COMMUNICATION	We use: • Remote meetings tools (cisco webex), • Presentation software (e.g., MS power point),

<table>
<tr><td>TECHNOLOGY
Use of ICT in teaching, Laboratory Education, Communication with students</td><td>• Spreadsheet software (e.g., MS Excel).

Additionally, the students use office automation tools, web browsers and e-reader for digital books.</td></tr>
<tr><td>MODULE DESIGN
Description of teaching techniques, practices and methods: Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, projects, Essay writing, Artistic creativity, etc

The study hours for each learning activity as well as the hours of selfdirected study are given following the principles of the ECTS.</td><td><table><tr><th>Activity</th><th>Annual Workload</th></tr><tr><td>5 OSS (× 4 hours)</td><td>20</td></tr><tr><td>Preparation of Assignments
(4 assignments × 42 hours)</td><td>168</td></tr><tr><td>Examination</td><td>2</td></tr><tr><td>Individual study</td><td>370</td></tr><tr><td>Total module workload (hours)</td><td>560</td></tr></table></td></tr>
<tr><td>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS
Detailed description of the evaluation procedures.

Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice tests, short- answer questions, open-ended questions, problem solving, written work, essay/report, oral exam, presentation, laboratory work, other……etc.

Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students</td><td>Elaboration of four written assignments during the academic year, the average of the grades of which participates in the formation of the final grade of module by 30%, if there is a passable in the final or repetitive examinations.

In the final written exams the grade of the written assignments participates in the formation of the final grade of module by 70%.

All the criteria are posted, both in each written assignment (in the LMS study.eap.gr), as well as in the general regulation of HOU at:

https://www.eap.gr/education/study-regulations/</td></tr>
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5. SUGGESTED BIBLIOGRAPHY

- *Suggested bibliography:*

- Christi, S. and Barberis, J. (2016), The Fintech Book: The Financial Technology Handbook for Investors, Entrepreneurs, and Visionaries, Wiley.

- Daskalakis, N. and Georgitseas, P. (2020), An Introduction to Cryptocurrencies: The Crypto Market Ecosystem, Routledge.
- Gupta, P. and Tham, T. M., (2019), Fintech: The New DNA of Financial Services, Boston/Berlin: De Gruyter.
- Hill, J. (2018), FinTech and the Remaking of Financial Institutions, Academic Press.

Additionally, supplemental digital material can be found within the study platform. In particular, there is posted teaching material (slides) for the OSSs and posted additional supporting material for each of the four subjects covered by the module.

-Related scientific Journals:

- Journal of Banking & Finance
- Journal of Financial Stability
- Journal of Financial Intermediation