COURSE OUTLINE

(1) GENERAL

SCHOOL	Engineering		
ACADEMIC UNIT	Department of Financial and Management Engineering		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	OI0121	SEMESTER	6th
COURSE TITLE	Finance		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	WEEKLY TEACHING HOURS	CREDITS
	3	5
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	General background
PREREQUISITE COURSES:	
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No
COURSE WEBSITE (URL)	

(2) LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

By completion of this course, students will be able:

1) To familiarize themselves with financial markets and traded securities
2) Get a good grasp of best practices and key indices for evaluating cash flow streams

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology	*Project planning and management*
Adapting to new situations	*Respect for difference and multiculturalism*
Decision-making	*Respect for the natural environment*
Working independently	*Showing social, professional and ethical responsibility and sensitivity to gender issues*
Team work	*Criticism and self-criticism*
Working in an international environment	*Production of free, creative and inductive thinking*
Working in an interdisciplinary environment	*……*
Production of new research ideas	*Others…*
	…….

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Decision-making
Adapting to new situations
Decision-making
Working independently
Working in an international environment
Working in an interdisciplinary environment
Production of new research ideas
Criticism and self-criticism
Production of free, creative and inductive thinking

(3) SYLLABUS

Basics of financial analysis:

- Interest rate theory, time value of money, return on investment, discounting
- Interest and compounding
- Loan analysis

Pricing of assets with fixed payoffs

- Cash flow streams, investment appraisal criteria
- Valuation of bonds and other fixed-income securities

Analysis and management of financial risks

- Introduction to financial risk, types of financial risks (market, credit, operational, legal)
- Risk management strategies, diversification vs hedging, arbitrage

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	Use of ICT in teaching and communication with students Use of ICT in laboratory education
TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS*	

Activity	*Semester workload*
Lectures	60
Laboratory practice	30
Study and analysis of bibliography	50
Exams	40
Course total	***180***

STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	*Method of assessment and evaluation:* • Final exam with Multiple Choice Questions and Problem Solving (Conclusive)

(5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- *Βασιλείου, Δ, Ηρειώτης, Ν. (2018) Ανάλυση Επενδύσεων και Διαχείριση Χαρτοφυλακίου, Rosili*
- *Titman S., Martin J, Keown A. (2015) Χρηματοοικονομική Διαχείριση, εκδόσεις Παπαζήσης*
- *Βασιλείου, Δ, Ηρειώτης, Ν. (2018) Χρηματοοικονομική Διοίκηση, Rosili*
- *Reilly F., Brown K. (2018) Ανάλυση Επενδύσεων και Διαχείριση Χαρτοφυλακίου, Broken Hill*

- Related academic journals:
Journal of Finance