COURSE OUTLINE

(1) GENERAL

SCHOOL	**POLYTECHNIC**		
ACADEMIC UNIT	**DEPARTMENT OF FINANCIAL AND MANAGEMENT ENGINEERING**		
LEVEL OF STUDIES	**7**		
COURSE CODE	**I.3**	SEMESTER	A
COURSE TITLE	**MANAGERIAL ACCOUNTING & FINANCIAL MANAGEMENT**		

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	10
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*	**Choice Obligatory**
PREREQUISITE COURSES:	**none**
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*

This is a very comprehensive course on the Financial function.
The course begins with an introduction to the Accounting Information Model. Then, the tools and the analysis techniques of Financial and Management Accounting are presented, as well as their use by the decision makers.
In the second part of the course, are presented the techniques of Financial Management with emphasis to Capital Budgeting, to Working Capital Management and to Corporate Finance.
Supporting the theories and in order to be understood by the students, the Financial Statements of a ASE listed company will be analyzed, Management Accounting applications will be presented and a real investment project will be evaluated.
After the successful course completion the student will be able to:

1. understand the importance of the Information provided by the Accounting System
2. interpret correctly the Financial Position (liquidity, effectiveness, efficiency, sustainability, capital structure) of an economic unit with reference to decision making
3. understand the use of Management Accounting information and particularly the Cost in the basic Management functions (Planning, Control and Decision Making).
4. understand the advantages and disadvantages of the investment appraisal methods for correct investment decision making.
5. be familiar with the characteristics of the modern sources of finance available to the

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

(3) SYLLABUS

a . The financial function
- The Accounting Information System and Fianancial Management.
- Aim and functions of Accounting. Distinction of Accounting.
- Principles of Financial Accounting.

b . The Financial Statements
- The Balance Sheet (Assets, Liabilities, Shareholders' Equity).
- Profit & Loss Account-Income Statement (Revenues-Expenses).
- Cash Flow Statement (Cash inflows-Cash outflows).

c . Financial Statement Analysis & Interpretation
- The Financial Statement Analysis techniques.
- Interpretation of Financial Ratios.
- Conclusions.

d . Cost Accounting
- Introduction to Management Accounting.
- Elements of cost. Cost classification.
- Costing systems.

e . Accounting for Decision Making
- Costing based on cost variability.
- Variable & Absorption/full Costing.
- Applications : Break Even analysis & Short term decision making.

f . Accounting for Control
- Accounting based on cost calculation timing.
- Standard & Actual costing.
- Applications : Budgetary Control & Variance Analysis.

g . Financial Management
- Aim of Financial Management.
- Financial posistion. Sources & Applications of Funds.

h . Investment Decisions
- Time value of money.
- Budgetary Planning (Fixed Assets Management)
- Investment Appraisal.
- Traditional Investment Appraisal methods. Payback Period & Return on Investment (ROI)
- Contemporary methods. Net Present Value & Internal Rate of Rate.

i . Working Capital management

j . Financing Decisions
- Financing/capital needs.
- Sources of Funds.
- Capital Structure.
- Cost of Capital.
- Contemporary financing tools.

k. Dividend policy

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Distance learning
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	Use of ICT in teaching
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*	see table below

Activity	*Semester workload*
Lectures	30
Study and analysis of bibliography	100
Non-directed study	117
Exams	3
Course total	***250***

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.*	Written exams at the end of the semester, in Greek, which involve: a. Financial Statement analysis of a Greek SA (ASE listed public Ltd) b. Investment Appraisal Course evaluation: a. Class participation 10% b. Final exam 90%

(5) ATTACHED BIBLIOGRAPHY

- *Suggested bibliography:*

1. Mpekiaris M. – Tzovas Chr., Principles of Financial Accounting, Propompos editions ,2017
2. Kantzos K., Financial Statement Analysis, Interbooks,2002
3. Weston Brigham, Principles of Financial Management and Policy, Papazissis editions.
4. Dimitras Avg. – Ballas Ap., Management Accounting for Planning, Gutenberg, 2009

b) Additional References :

1. Ciaran Walsh, Financial Ratios & Management, Patakis, 1997.
2. Garrison-Norren, Management Accounting, Kleidarithmos, 2006
3. Vasileiou – Iriotis, Financial Management. Theory & Practice, Rosili, 2008
4. G. Artikis, Financial Management: Investment Decisions, Interbooks, 2002.
5. G. Artikis, Financial Management: Financing Decisions, Interbooks, 2002.
6. Steven Silbiger, 10 days MB, Kleidarithmos.