COURSE LAYOUT

1. GENERAL

SCHOOL	Applied Economics and Social Sciences		
DEPARTMENT	AGRICULTURAL ECONOMICS AND RURAL DEVELOPMENT		
STUDY LEVEL	*Undergraduate*		
COURSE CODE		**SEMESTER**	8th
COURSE TITLE	FARM MANAGEMENT II		

INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**	**ECTS**
Lectures and practical exercises	5 (4 theory & 1 exercises)	5

COURSE TYPE	Scientific area
PREREQUISITES	
LANGUAGE	Greek
IS THE COURSE OFFERED forERASMUS STUDENTS?	No
COURSE WEB PAGE	https://mediasrv.aua.gr/eclass/courses/AOA192/

Αλλαγή κωδικού πεδίου

2. LEARNING OUTCOMES

Learning Outcomes

This course is a continuation of the FARM MANAGEMENT I.
In particular, this course completes the technical and economic resister and analysis of farms function and analyzes the decision-making process on farms.

Upon successful completion of the course the student will be able to:
• Has understood the meaning of technical and economic resisters and analysis of farm function, to calculate the respective financial/economic results and production costs, in these cases and especially to understand their importance for the technical and economic function of farms,
• understand the decision-making process on farms and will use the corresponding methods / tools on real farms.

General Competenses

- • Search, analysis and synthesis of data and information, using the necessary technologies
- • Autonomous work
- • Adaptation to new situations
- •Decision making

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3. COURSE CONTENT

- Technical and economic analysis of farm function (group analysis) . Applications in farms .
- Separated analysis of production factors. Analysis of the use of agricultural equipment cost of use compared with the optimum threshold. Profitability analysis between two or more machinery items . Analysis of human labor (calculation of required and employed labor) . Applications to livestock farming
- Decision making using the Agricultural budget methods (partial budget , breakeven point budget , parametric budget , cash flow budget , total budget) . Applications in farms.
- Decision making using linear programming (graphical method , algorithm Simplex, method of big M , the dual problem , sensitivity analysis . transportation problems, transshipment problem, assignment problem) . Applications in farms.

4. TEACHING AND LEARNING METHODS - EVALUATION

TEACHING METHOD	Face to face lectures
USE OF INFORMATICS and COMMUNICATION TECHNOLOGIES	Use special software. The support of learning process and the necessary materials are facilitated by the electronic, web based e-class platform
TEACHING ORGANISATION	*Activity* / *Work Load* Lectures (direct) & practical exercises: 65 h Exercise solving: individual work (exercise solving at home): Autonomous study: 60h *Total contact hours and training*: ***125 h (5 ECTS)***
STUDENTS EVALUATION	**I)** Written final examination (100%) of gradual difficulty, based on the lectures offered, containing: - Questions of theoretical knowledge. - Problem solving based on pc l.

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5. BIBILIOGRAPHY

Textbooks in Greek:

1. Σπαθής Π., Τσιμπούκας Κ., «Οικονομική των επιχειρήσεων. Με εφαρμογές στις επιχειρήσεις Τροφίμων και Γεωργίας», Ελληνοεκδοτική, Αθήνα, 2010
2. Κιτσοπανίδης Γ., «Οικονομική Γεωργικών Εκμεταλλεύσεων, Γεωργική Μικροοικονομία, Β' Εκδοση», ΕΚΔΟΣΕΙΣ ΖΗΤΗ, Θεσσαλονίκη, 2010

Journals:

Agricultural Systems, ISSN: 0308-521X

Journal of Agricultural Economics, Print ISSN: 0021-857X, Online ISSN: 1477-9552