**COURSE LAYOUT**

1. **GENERAL**

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

1. **LEARNING OUTCOMES**

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| **Learning Outcomes** |
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| 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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1. **COURSE CONTENT**

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| * 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.
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1. **TEACHING AND LEARNING METHODS - EVALUATION**

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| **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** |

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| *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)*** |

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| **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.  |

1. **BIBILIOGRAPHY**

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| ***Textbooks in Greek:***1. Σπαθής Π., Τσιμπούκας Κ., «Οικονομική των επιχειρήσεων. Με εφαρμογές στις επιχειρήσεις Τροφίμων και Γεωργίας», Ελληνοεκδοτική, Αθήνα, 20102. Κιτσοπανίδης Γ., «Οικονομική Γεωργικών Εκμεταλλεύσεων, Γεωργική Μικροοικονομία, Β’ Εκδοση», ΕΚΔΟΣΕΙΣ ΖΗΤΗ, Θεσσαλονίκη, 2010 ***Journals:***Agricultural Systems, ISSN: 0308-521XJournal of Agricultural Economics, Print ISSN: 0021-857X, Online ISSN: 1477-9552 |