

**Code: 1639 Agriculture II****Degree:** 1<sup>st</sup> cycle - Agriculture**Curricular Year:** 3<sup>rd</sup>**Credits:** 6 ECTS**Semester Course:** 2<sup>nd</sup>**Compulsory****Language:** Portuguese/English**Responsible:** Pedro Jorge Cravo Aguiar Pinto**Other lecturer(s):** -**Web Site:** <http://www.isa.utl.pt/home/node/4018>**1. Contact hours:****Lecture/Practicals 70 Others 14 Total 84****2. Objectives:**

- Crop production techniques and crop operations
- Farm machinery characterization
- Identification of some extensive crops forages and pastures species (Spring/summer crops)
- Technical itineraries
- Farm Operations planning

**3. Programme:**

I - AGRICULTURAL PRODUCTION TECHNIQUES IN EXTENSIVE CROPS, FORAGES AND PASTURES

II - FORESTRY PRODUCTION ASSOCIATED TO EXTENSIVE CROPS, FORAGES AND PASTURES

III - PRECISION FARMING

IV - FARM WORK ORGANIZATION

V – OPERATIONAL PLANNING

**4. Bibliography:****Main Bibliography**

1998 – Díaz R. e outro – Agricultura Sosteniible. Ed.Mundi-Prensa. Madrid.

1991 – Loomis and Connors – Crop Ecology

2002 – Villalobos e outros – Fitotecnia: Bases e Tecnologias da Produccion Agrícola. Ed. Mundi-Prensa. Madrid.

2002 – Terron, P. – Fitotecnia: Ingenieria de la Produccion Vegetal. Ed. Mundi-Prensa. Madrid.

2004 – Taylor, R. e outro – Scientific Farm Animal Production: An Introduction to Animal Science.

Pearson Prentice Hall. New Jersey

**5. Assessment:**

Students have to present several reports along the semester, including a report on a farm machine, a report about a field trial they have to follow, and a document with a farm plan.

Assessment is based on:

- a written final test
- report evaluations

**6. Estimated Workload:**

168	Hours
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**7. Last Update:**

8/7/2010
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