

Code: 1595 Systems and Techniques of Primary Production

Degree: 2nd cycle – Bioenergy Systems Engineering

Curricular Year: 1st

Semester Course: 1st

Credits: 6 ECTS

Otional

Language: Portuguese/English

Responsible: Pedro Jorge Cravo Aguiar Pinto

Other lecturer(s): -

Web Site: <http://www.isa.utl.pt/home/node/3930>

1. Contact hours:

Lectures 30 Practicals/Laboratory 40 Others 14 Total 84

2. Objectives:

Fundamentals and goals of the most representative world agricultural systems as well as the most significant cultural practices

3. Programme:

Concepts. Agricultural systems

Most significant world agricultural systems

Cultural practices:

 Crop rotation

 Clearing and deforestation

 Modifying soil characteristics

 Planting

 Crop protection

 Crop and soil manipulation

 Irrigation and drainage

 Harvesting

4. Bibliography:

Main Bibliography

Grigg D. B. 1974. The Agricultural Systems of the World: An Evolutionary Approach (Cambridge Geographical Studies)

5. Assessment:

Final exam

Presentation of a case study

6. Estimated Workload:

168	Hours
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7. Last Update:

21/7/2010
