

Code: 1318 Agricultural Project Planning and Analysis**Degree:** 2nd cycle – Agriculture; Environmental Engineering**Stream:** Agriculture – Agricultural and Environmental Economics and Rural Development; Agricultural Engineering; Environmental Engineering - all**Curricular Year:** 1st**Semester Course:** 2nd**Credits:** 6 ECTS**Compulsory** (Agr - Agricultural and Environmental Economics and Rural Development)**Language:** Portuguese/English**Optional** (Agr – Agricultural Engineering; EnvEng – all)**Responsible:** Francisco Ramos Lopes Gomes da Silva**Other lecturer(s):** -**Web Site:** <http://www.isa.utl.pt/home/node/3806>**1. Contact hours:**

Lectures 28 Lecture/Practicals 42 Others 14 Total 84

2. Objectives:

Enabling students to dominate and apply the main concepts and methodologies of project analysis

3. Programme:

1. Basic concepts: definition and project typology, project life cycle, evaluation optics, project cashflow, private investment analysis indicators, the choice of the discount rate
2. Investment analysis based on annual budgets: family and capitalist firms
3. Investment analysis based on pluriannual budgets: cash flow, financial calculus, profitability criteria, sensitivity analysis
4. Financial feasibility analysis

4. Bibliography:**Main Bibliography**

Silva, F.G. (Coord) et alii, "Fornação Global em Gestão Agrícola – Modulo 3, Análise de Investimentos", P.O.Agro, Maio 2006

Other Bibliography

Brown, M.L., "Farm budgets – from farm income analysis to agricultural project analysis", World Bank, JHUP, 1979

5. Assessment:

Case study in group (50%) and final exam (50%)

6. Estimated Workload:

168	Hours
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7. Last Update:

18/4/2010
