

Code: 1711 Mathematics I**Degree:** 1st cycle - Landscape Architecture**Curricular Year:** 1st**Credits:** 6 ECTS**Semester Course:** 1st**Compulsory****Language:** Portuguese/English**Responsible:** Maria Isabel Varejão de Oliveira Faria**Other lecturer(s):** Pedro Cristiano Santos Martins da Silva**Web Site:** <http://www.isa.utl.pt/home/node/3721>**1. Contact hours:****Lecture/Practicals 70 Others 14 Total 84****2. Objectives:**

Understanding and use of basic concepts of Algebra and Analysis

3. Programme:

Real functions of one variable: limits, derivatives, antiderivatives and integrals.

Vectors and Matrices.

Systems of linear equations.

4. Bibliography:**Main Bibliography**

Schneider, D. e Lay, D. (1997), Applied Calculus: a Graphing Approach, Prentice Hall

Anton, H. , Rorres, C., (2005) Elementary Linear Algebra with Applications (9th Edition), John Wiley & Sons

5. Assessment:

Exam

6. Estimated Workload:

168

Hours

7. Last Update:

6/7/2010