

GEO111 – NUMERICAL SKILLS IN GEOSCIENCE

week #01: MATLAB basics

28th March 2016

Work through Chapter #1 of the GEO111 course handout. In addition, work through one of, or ideally both of:

- **MATLAB®7 – Getting Started Guide**

- Chapter 1 – *Introduction* (all)
- Chapter 2 – *Matrices and Arrays* (excluding the sections on the *Magic Function* and *Linear Algebra*)

The PDF version of this document can be found on the [Mathworks website](#) as well as on the [course webpage](#). Note that some of the introductory material in the course handout are based on this.

- The course text – **MATLAB®7 – A Practical Introduction to Programming and Problem Solving** [*Attaway, 2013*]

- Chapter 1 – *Introduction to Programming using MATLAB* (all)
- Chapter 2 – *Vectors and Matrices* (all)

(In both cases, work through sufficient of the examples to ensure that you are comfortable with what is going on.)