Basic Programming for Geological and Environmental Sciences

Teacher: Liran Goren, gorenl@bgu.ac.il, Room 233, Building 58

**Course structure:**
Lectures – 1hr/w  
Practicals - 2hr/w

**Office hours and communication:**
Office hours of Liran Goren: Thursdays between 16:00 – 18:00.  
At the beginning of the semester the T/As will announce their weekly office hours.  
Teaching material, assignments, and messages will be posted on the course website as part the Moodle system.

**Evaluation:**
Weekly programming assignments - 50%. Mandatory submission of 80% of the programming homework assignments.  
Final exam – 50%

Passing the course is conditioned by a pass grade in the exam.

**Literature:**

**Course topics:**
The matlab environment, variables and simple arithmetic calculations, vectors and matrices, scripts and functions, plotting and visualizing data, root finding, curve fitting, interpolation and extrapolation, numerical integration.