TEI OF CRETE
DEPARTMENT OF INFORMATICS ENGINEERING
Msc in Informatics & Multimedia

COMPUTATIONAL INTELLIGENCE

October 24, 2016

Professor: Giorgos Papadourakis, Ph.D.

PROJECT 1: Evolutionary Computation

Design and implement a software application that involves an evolutionary computation technique, such as genetic algorithms (GA), genetic programming (GP), evolutionary programming , evolution strategies or Particle Swarm Optimization to a real world application.
You will need to identify the application domain and data sources for your project. You can develop original code from scratch and/or adapt open source code as you deem necessary. Please refer to the resources in E-class material.

Your project deliverables should adhere to the following timeline:

- *Monday 31/10/2016*- **Progress Report:** Application and Data, Software design, Basic EA Code, References (5 minute presentation)
- *Monday 7/11/2015*- **Final Report:** Software and Results, Tables/Graphs + References (10 minute presentation)

Total Grade: 10 points

Progress report 20%
Final Report 30%
Software 50%

Two persons per project. In the progress and final report the effort of each person must be well documented.