

## Rubric for Genetic Algorithms Programming Assignment

Major concepts:

1. create initial population
  - (a) create candidate (+5)
  - (b) create population (+5)
2. main algorithm termination conditions (+5)
3. create subsequent populations by calling selection and genetic operators (+10)
4. crossover (+15)
5. mutation (+15)
6. selection (+15)
7. fitness
  - (a) In our problem, what does it mean for a candidate to be “fit enough”? (+5)
  - (b) getFitness() from Candidate class (+15)
  - (c) getFittest() from Population class (+10)