

# **CPE 470/670 – Autonomous Mobile Robots**

**Instructor: Monica Nicolescu**

## **Assignment #1**

**1) Write a report for Labs #3 (Tunnel Escape), #4 (Corner Escape) and #5 (Braitenberg Vehicles) (one report per team):** Your report should describe the following issues (separately for each of the labs):

- Your software design
- The problems that you encountered during the implementation (hardware, software)
- Your solution to the above problems
- Any unsolved problems and reasons for why you were not able to solve them

Reports should be typed and should be formatted as follows:

- a title page with the names of all the students in the team, the team number and the lab report number
- each report page should be numbered and labeled with the team number
- the pages should be stapled together

Add to the report any additional information that you think could improve your robot evaluation. Submit your printed report at the beginning of the lab on March 3.

**2) If you had not done this before, submit the programs you developed for Labs #3, #4, #5 by midnight on Friday, Feb 25. Use the following as the subject line: “lab #: team #”.**