Programming & Robotics
AENG 101 Intro To Engineering
Dr. John Wright

**Directions:** Using the documentation from the lecture, work within a small team to do the following tasks. Obtain signatures from the instructor for each task below.

**Task #1:** Program the robot to stop when it sees a black line with an IR sensor. (6pts)

[Signature space]

Instructor Signature

**Task #2:** Program the robot to follow a black line using two IR sensors. (2pts)

[Signature space]

Instructor Signature

**Task #3:** Program the robot to follow a black line using only one IR sensor. (2pts)

[Signature space]

Instructor Signature

**Bonus Task:** Program the robot to follow a black line using IR. The robot should stop when a sonar sensor sees an object blocking the path. (2pts)

[Signature space]

Instructor Signature