

# Programming - Line Sensor For Students!

*Visit the Class Web Site for Instructions and Time Saving Hints!*

| Summary  | Description   | Instructor Initial<br>of Completion |
|--|---|-------------------------------------|
| <b>Task #1:</b> Test the Line Sensor                                 | <i>Visit the Class Web Site for Instructions and Time Saving Hints!</i> |                                     |
| <b>Task #1A:</b> !Operators! Left Sensor Triggers Left Wheel.        | <i>Visit the Class Web Site for Instructions and Time Saving Hints!</i> |                                     |
| <b>Task#2A:</b> Black Line Triggers Line Sensor                      | <i>Visit the Class Web Site for Instructions and Time Saving Hints!</i> |                                     |
| <b>Task#2B:</b> Black Line Triggers Line Sensor / White Stops Motion | <i>Visit the Class Web Site for Instructions and Time Saving Hints!</i> |                                     |
| <b>Task #3a:</b> Move Straight Over Black Line                       | <i>Visit the Class Web Site for Instructions and Time Saving Hints!</i> |                                     |
| <b>Task #3b:</b> Move Around A Figure 8.                             | <i>Visit the Class Web Site for Instructions and Time Saving Hints!</i> |                                     |

| Sensor 1 (Left) | Sensor 2 (Right) | Returned Value |
|-----------------|------------------|----------------|
|                 |                  | 0              |
|                 |                  | 1              |
|                 |                  | 2              |
|                 |                  | 3              |



