ECET365 Week 2 iLab Cover Sheet

DeVry University

College of Engineering and Information Sciences

**Course Number:** ECET-365

**Professor:**

**Laboratory Number: 3**

**Laboratory Title: Interfacing to the Smart Car Video Sensor**

**Submittal Date:**Click here to enter a date.

***Objectives:***

A. Develop a hardware interface to the visual sensors in the Robotic Car Kit.

B. Test the sensor with software and use data to control the steering system.

***Results:***

***Conclusions:***

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| ***Team:*** |  |  |  |  |  |
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***Observations/Measurements:***

1. Sketch the change in the output of the visual sensors as the striped index card is moved from the center to each side of the center line.
2. Describe the effect of the potentiometer on the output of the sensor module.
3. If the motors and software are installed, describe the action of the drive wheels as the index card is moved left and right.