# ECET365 Week 5 iLab Cover Sheet

# DeVry University

# College of Engineering and Information Sciences

**Course Number:** ECET365

**Professor:**

**Laboratory Number: 5**

**Laboratory Title: Timing and Interrupts**

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

***Objectives:***

A. Determine the timing requirements for data to and from subsystems.

B. Change a procedural subroutine to an interrupt-driven subroutine.

C. Compare the interrupt-driven system operation to the procedural system.

***Results:***

***Conclusions:***

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| ***Team:*** |  |  |  |  |  |
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|  | Name |  | Program |  | Signature |

## Step 1: Procedure

***Questions for this week’s iLab: Observations/Measurements:***

1. Compare the operation of the first program with the operation of the second program.
2. Explain why the timing has changed.
3. What changes could be made to the second program interrupt routine to enhance the Robotic Smart Car?