



**Interested in Mechatronics?
Interested in integrating Software, Electrical, Mechanical, and
Controls Engineering skills?**

Want to learn how to Instrument & Automate a Product?

Mechatronics in Control & Product Realization

**ME - 601 (LEC 005 / LAB 305) 3cr - Fall 2008
(Special Topics Course - 400 Level Equivalent)**

**Tuesday 1:00-1:50 & Wednesday 1:20-3:20 PM
Class # 15463 (Instructor Approval Required*)**

**Summary: Learn the nuts and bolts of integrating mechanical systems
with electronic hardware, software, and control theory.**

Topics include:

Fundamentals of electromechanical control systems
Using microcontrollers in products for control/automation
and how to create intelligent interfaces
Motor & Sensor Interfaces
Integration of web based controls for mechanical systems
C Programming

Course homepage with tentative syllabus:

<http://mechatronics.me.wisc.edu/me601/>

Time table page

<http://timetable.doit.wisc.edu/cgi-bin/TTW3.navigate.cgi?20091+sects/d612c601A1.html>

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