

### **Concentration in Control Engineering**

Starting in Fall2015, the Mechanical Engineering department will offer a concentration in Control Engineering. This concentration pathway is designed to provide students with an opportunity to gain additional knowledge in the controls areas needed in automotive, aerospace, and chemical industries. The requirement for this concentration is 9 semester credit hours consisting of one required course (MENG4312) and two electives are given below.

#### **Required Course:**

MENG4312 System Dynamics and Control

#### **Electives (Two courses must be selected from the list below):**

MENG4325 Digital Control of Mechanical Systems

MENG4330 Process Control and Automation

EENG4308 Automatic Control

EENG4316 Digital Control Systems

The two electives that you take for this concentration will be counted as technical electives in your degree plan so this concentration does not require any extra credits of course work beyond 128 credits required in the regular ME program.

Please talk to our advisor if you are interested in taking this concentration as part of your program of study at UT Tyler.