

**Please answer the following questions in complete sentences in a typed manuscript and submit the solution on blackboard by January 20th, 23:59:59.**

### **Yourself**

1. Please tell me about yourself: name, undergrad/MS/PhD objective, adviser (if you have one), year in program, research area or concentration, dissertation topic (if any), career objectives.
2. Why are you taking the class? What other classes are you enrolled in (course name and title)? Please list them all.
3. Is this your first semester at UTSA? The last?

### **The course**

1. The homework will be a mix of examples, applications, coding, and theory. For instance, I might have a few easy “practice” questions about solving problems related to the analysis and design of control systems. Then I might have a multi-step computational problem to design, for example, a controller design with MATLAB implementations. There will also be some coding work, such as “write a program to solve a multi-objective control problem”. Finally, there will be a theory component to the homework.

Do you find you learn better with any particular type of problems? If so, which ones (coding, theory, applications, algorithms, etc...)? Do you like theory and math more than coding and numerical examples?

2. How do you think the course will help you come closer to your educational/career goals?
3. What have other professors done that you’ve found helps you learn?

### **Numerical computing software**

1. Have you used MATLAB before? Simulink? Do you feel like learning new programming tools?
2. Have you used C++ before?
3. Any other numerical computing packages?

### **The course**

1. Which of the topics from the syllabus are you most excited about?
2. Anything missing from the syllabus you were hoping to learn about?