**UNC Charlotte, Department of Electrical and Computer Engineering**
**ECGR 4101/5101, Fall 2016, Homework #1 (20 points)**

**Assignment should be typed and turned in as a hardcopy during class.**

**This is an INDIVIDUAL assignment.**

1. What are the class instructor's office hours? (1 point)
2. List the two test dates for the course. (1 point)
3. What would be considered cheating on a homework assignment? (1 point)
4. Is using someone else's typed assignment and changing the name to your name considered cheating? Why or why not? (1 point)
5. Is it acceptable to give someone a copy of your homework assignment before the due date/time? Why or why not? (1 point)
6. What would be considered cheating on a computer project assignment? (1 point)
7. If the instructor suspects you of cheating, what two choices does a student have? (1 point)
8. What are the valid excuses for missing a homework turn-in deadline and being able to turn it in late? (1 point)
9. When is it acceptable to talk in class on your mobile phone? (1 point)
10. When is it acceptable to use a computer in the classroom during lecture? (1 point)
11. What is the guaranteed response time from the professor, via email, and what does this depend on? (1 point)
12. In two sentences, describe professional classroom conduct. (1 point)
13. Represent the decimal number 3000 in 32-bit hexadecimal notation. Show your work (do not use a calculator). (1 point)
14. Represent the decimal number 3000 in 32-bit binary notation. Show your work (do not use a calculator). (1 point)
15. Represent the hexadecimal number 0x0FF9 in decimal notation (unsinged integer). Show your work (do not use a calculator). (1 point)
16. Write the TI MSP430 code (full, entire program) to turn on both controllable LEDs and keep them on. (4 points)
17. List ten examples of products which are considered embedded systems. (1 point)