ReadMeFirst EEL 4730 RVC - Online Welcome, Instructions, and Important Information 1

Please read and understand all items included here. These are all for your benefit and help with the course. Consider this your first assignment.

- 1. *You need to participate REGULARLY (each week from the start) with viewing the lectures and making all submissions correct and on time or you will not do well in this class. There are two video lectures which you must view each week see Syllabus weekly calendar.
- 2. *The exams are given on Canvas, ON LINE, and are due within the 24 hour time window of the same day on the Syllabus calendar. You have to log in to Canvas to take your Online exams and see exam grades.
- *This course is paperless. In order to receive any credit for submissions, you must follow the instructions and requirements. See the materials and instructions at http://web.eng.fiu.edu/watsonh/PaperLess.pdf
 Additionally, the submission form is on the class web site for assignments and exercises.
- 4. *HOMEWORK GRADING is done only once per assignment and grades are posted with the last 5 digits of your SID. Weekly grades are posted in the Canvas grade sheet.

You must check the scores every week. This is where feedback for your homework submissions is given in the comments. The grading policy is also explained in the supplement folder. <u>https://web.eng.fiu.edu/watsonh/eel4730/supplement/HomeworkGradingPolicy.pdf</u>

- 5. * There are Participation Exercises in the Zybooks that apply to your overall grade. See the syllabus for the percentage contribution.
- 6. *STAY CURRENT AND FOLLOW THE LECTURES EACH WEEK. You must stay in sync with the Syllabus for assignments and milestones. Viewing lectures each week is absolutely necessary. Be sure you read and understand the syllabus class policies, especially about turning assignments in on time on the date they are due. The web portal is http://web.eng.fiu.edu/watsonh/eel4730/index.html

Always check the Syllabus calendar for due dates. This is the master calendar for the course. Time management is a huge part of this course and part of the earning process. Participate in all the course activities and assignments and you will make a good grade.

- 7. *The first week introduces basic concepts of what an embedded system is and bitwise operators. The first homework is due before midnight on Tuesday of the second week.
- 8. *THE TEXTBOOK and simulator materials are licensed from zyBooks.com. Instructions are located on the class web site:

http://web.eng.fiu.edu/watsonh/eel4730/index.html

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The SIMULATOR LICENSE is located in the "About" section of the Programming Embedded Systems text (bottom of table of contents).

- 9. *WINDOWS is the platform used for this class. If you have a MAC you have to be able to run a virtual machine with a Windows image. This is due to the simulator requirements.
- 10. *Learning state machines and programming them in C language requires investing time. The course starts with blinking an LED and ends with the design of a real time operating system. It takes time and practice for the design concepts to be learned. Your time needs to be allocated to participate in this course. If you do all the work, you will receive a good score. Each week has a homework except after Exams. Assignments are due on by midnight Tuesday after the weekend due dates are on the Syllabus.
- 11. *Tests are based on comprehension, not memorization. For this section they are given Online through Canvas. There are four Online exams and no Final exam. Exam dates are on the Syllabus calendar.
- 12. *If you are having problems please contact me my email. Send a screen shot with your best description to <u>watsonh_fiu@yahoo.com</u> <<<<<<<

This is the email I use for student class communications. If you don't communicate with me, you cannot receive feedback. Do not fall behind.

- 13. *MQTT IOT project "After seeing the culminating work of the MQTT Project. I must say I am very glad to have done it. Creating a simple IOT project for this class was the most enjoyable part by far because I was able to tangental see my homework become something simple yet practical in many aspects. "
- 14. *A large part of the Learning process for programming State Machines involves diagnosing your own problems. Be prepared to work through the process.
- 15. *Make sure the email address you have registered on FIU Panthersoft (for classes) is one where you receive email. You should be receiving my communications through that address.

Do well and welcome to the course.

Dr. Watson