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|----------------------|---|---------------------------|---------------|---------------|
| Instructor: | Patrick Troy | | | |
| Office: | 1216 SEO | | | |
| Phone: | (312) 996-8521 | | | |
| Email: | troy AT uic DOT edu | | | |
| Office Hours: | 1:00 – 3:00 Tuesdays 1:00 – 1:50 Thursdays or by appointment | | | |
| Lecture Times: | 9:30 - 10:45 | T, Th | LC - F6 | Call #: 36196 |
| | 11:00 - 12:15 | T, Th | LC - F6 | Call #: 42222 |
| Lab Times: | 9:00 - 9:50 | Monday | SEL 2263 | |
| | 10:00 - 10:50 | Monday | SEL 2263 | |
| | 11:00 - 11:50 | Monday | SEL 2263 | |
| | 12:00 - 12:50 | Monday | SEL 2263 | |
| | 1:00 - 1:50 | Monday | SEL 2263 | |
| | 2:00 - 2:50 | Monday | SEL 2263 | |
| | 3:00 - 3:50 | Monday | SEL 2263 | |
| | 4:00 - 4:50 | Monday | SEL 2263 | |
| Texts: | <ul style="list-style-type: none"> • <u>zyBooks Online Book</u> <ul style="list-style-type: none"> • Sign in or create an account at learn.zybooks.com • Enter zyBook code: UICCS362TroyFall2019 | | | |
| Assignments: | Homeworks | (About 5) | | 15 % |
| | Lab Assignments | (About 9) | | 20 % |
| | Group Project | (Group of 2-4 people) | | 25 % |
| | Exam 1 | 10/15 in Evening | | 15 % |
| | Final/Exam 2 | TBA: | | 20 % |
| | Class Participation | (iClickers, zyBook, etc.) | | 5 % |
| Grading: | 100.0% - 90.0% | Grade A | 89.9% - 80.0% | Grade B |
| | 79.9% - 70.0% | Grade C | 69.9% - 60.0% | Grade D |
| | 59.9% - 0% | Grade F | | |
| URL: | http://www.cs.uic.edu/CS362 | | | |
| Catalog Description: | Computer hardware building blocks. Logic gates; combinational circuits; arithmetic circuits; flip flops and sequential circuits; registers and memory; CPU design; I/O design. | | | |
| Prerequisite: | CS 261 (explicitly) and CS 211 (implicitly) | | | |

Most assignments will be submitted via Gradescope for grading. All assignments involving the use of the Arduino will also require a live demonstration. Most of these live demonstrations are expected to be done during the weekly lab sections. For assignments that require both a live demonstration and a submission to Gradescope, the electronic submission to Gradescope MUST occur BEFORE the demonstration.

The Project will be a group project of 2-4 people. Demonstration of the project will occur during the Lab on Monday of the 15th week. Your team will also be required to present their final design in a presentation during Lab on Monday of the 14th week. The project will require multiple deliverables throughout the semester.

The midterm exam will be held in the evening. The date is still being determined but is hoped to occur on Tuesday 10/15/19. The final exam will be a combined section exam, so that date/time is also TBD.

If you have any questions regarding how any assignment or test is graded and you think that you deserve more points than you received, you must see the instructor about this within one week of the time the assignment is first returned to the class. No claims, justifiable or not, will be considered after this dead line.

Attendance at lecture is up to the discretion of each student; however, each student is responsible for all information (notes, hand-outs, announcements, etc.) covered during class. You should ask fellow classmates for missed information, not the instructor or the TA. Also failure to attend lectures will result in missing any class participation points done during lecture.

Participation points will be done through iClicker questions, zyBook exercises, and Piazza participation. The class will use iClicker2 to collect student responses during lection. The zyBook text has book Reading Activities and Challenge Activities that students are expect to complete as part of the grade for the class. Reading Activities are to be done PRIOR to that material being covered during lecture. According to zyBooks:

- Sign in or create an account at learn.zybooks.com
- Enter zyBook code: UICCS362TroyFall2019
- A subscription is **\$58**. Students may begin subscribing on Aug 12, 2019 and the cutoff to subscribe is Dec 05, 2019. Subscriptions will last until Jan 02, 2020.

Piazza participation will be added as "extra credit" to the participation points. Answering questions posted by other students will be the largest factor to adding to the participation points.

No "extra" work is allowed to make up for poor performance. Any student caught cheating will receive as a minimum a score 0 for that item in question and one lower letter grade in the course, and face possible dismissal from the University. Students are advised that it is a violation to copy, or allow another to copy, all or part of an exam or program. No incompletes will be given for poor performance in the course.

Because of SPAM, when sending email please include "CS 362" in the subject. Also note that sending email from your netID@uic.edu account is also less likely to get caught by the Spam filter. For this reason, sending email from your UIC email account is highly encouraged.