3701 Honorlock Rules and Policies

- The student must have direct access to [1] a computer system for viewing and submitting the assignment. In addition, the student may have direct access to [2] any documentation provided within the assignment, [3] ?? completely blank pages of paper (where ?? is two unless otherwise specified prior to the Honorlock assignment), of size 8.5" x 11" or smaller, and [4] some writing utensil(s).
  - For the aforementioned computer system, the student must utilize only a single display, camera, microphone, keyboard, mouse, and speaker (or set of speakers), not headphones.
  - The single computer system must be used for Zoom, Honorlock, and Quartus (which must be completely installed and able to program our PLD PCB).
- Besides the items permitted above and unless otherwise noted by the course instructor(s), the student must not utilize anything that may provide information for how to complete this assignment. Additionally, no item may be utilized for any unconventional purpose.
  - When specified, students can only use the parts in their lab kit, and are limited to parts specified in the particular assignment. If you are not sure, ask.
  - When specified, you must have your functioning PLD PCB and your function DAD available for use in the assignment, with all the necessary cables (including a USB port expander, if necessary for your computer system).
- Prior to opening the Canvas graded assignment, the student must do the following:
  - Install *CamScanner* or equivalent on your phone.
  - Install a cloud storage app on your phone **AND** computer (examples: DropBox, OneDrive, Google Drive, iCloud)
- While completing this assignment, the student must be connected to the class Zoom meeting (available via the hyperlink previously distributed on Canvas and/or Slack) and must **not** utilize the camera or computer screen sharing features of Zoom (until and unless explicitly instructed to do so by a course staff member).
  - Be sure your speaker is **on** & video **off**.
  - Do not attempt to chat with your classmates.
  - When **NOT** in a Zoom breakout room: If the student wishes to ask a question to a course staff member, the student must use the "Raise Hand" feature of Zoom (listed under the "Reactions" in the newest Zoom and "Participants" in the older version) and wait to be assisted. Do **NOT** chat directly with Dr. Schwartz or a PI.
  - When **IN** a Zoom breakout room: If the student wishes to ask a question to a course staff member, the student must look for the "?" with the label "Ask for Help" and wait to be assisted.
- The student must utilize Honorlock to complete this assignment.
  - When Honorlock requests that the student scan their work area with the connected camera, the student must make every effort to clearly and thoroughly show [1] all of this area, [2] all of the connected computer screen, using some form of a mirror (such as a smartphone screen, etc.) if necessary, [3] both sides of every blank page of paper brought, and [4] all of every writing utensil brought. (This process is likely to take about 60-90 seconds if done properly.) If it is apparent to the course instructor(s) that the student intentionally did not show some of these items, **at least** fifty points will be deducted from the student's grade for this assignment and the course instructor(s) will assume that the student has cheated.
  - The student must make every effort to share their connected camera, microphone, and computer screen through Honorlock at all times. If it is apparent to the course instructor(s) that the student intentionally stopped sharing one of these items, the course instructor(s) will assume that the student has cheated.
  - If the student experiences any issue(s) regarding Honorlock and they themselves are unable to fix said issue(s), they must use the "Live Chat" feature of Honorlock, which will be located on the right side of the relevant window. When this problem occurs, the student should immediately notify the course staff member(s) to the situation via the chat window of the relevant Zoom meeting. If the student is unable to solve any issue(s) regarding Honorlock using the "Live Chat" feature, the student must again alert some course staff member(s) to the situation. (If you lose internet connect, Zoom with your phone to alert some course staff member.)
- When the Canvas assignment is complete or when there are 5 minutes remaining, the student must do the following:
  - Clearly write the problem number for each of the problems on your scratch paper. Also number each of the pages (1, 2, 3, 4) that you intend to submit. If using the backs of pages, be sure to number them as well.
  - Use your phone and *CamScanner* (or equivalent) to scan the scratch pages that you used (front and back, if you used both sides) as well as a clear picture of your breadboard (that also shows your switch and LED legends) into a **single pdf** file. Pages that are not scanned will not be graded.
  - After picking up your phone, **no more writing** is allowed!
  - Archive your Quartus project.
  - Place your scan pdf file and your Quartus archive file to the chosen cloud storage folder on your phone.
  - From your computer, upload your scan pdf file and your Quartus archive file as requested from your cloud storage folder on your computer to your Canvas/Honorlock quiz.
  - Failure to complete the scan, archive, and uploads before the end of the exam will result in no submission and the resulting consequence of no submission (which is probably a zero on the assignment).

- For each question within this assignment, the student may be expected to deduce obvious instruction from the relevant context. The student must read all questions carefully and must follow all instructions given. If the student has any question(s) themselves, they may ask a course staff member for assistance; however, all course staff members always reserve the right not to answer a question posed by the student, if answering the question may provide the student with an advantage over any other student(s).
- For anything undefined, if necessary, the student may make some additional assumption(s); however, when graded, the relevant course staff member(s) will make the final decision as to whether or not an additional assumption made by the student is reasonable. Whenever possible, the student must explicitly note an additional assumption made.
- The student must answer each question in a clear and concise manner; it is likely that a lesser grade will be given for solutions that are either not clear or not concise. (That which is deemed "clear" and that which is deemed "concise" will depend on the context, but the course staff member[s] have full discretion in deciding this.)
- If it is apparent to a course staff member that the student intentionally incorporated some form of nonsense into a solution (e.g., the student intentionally provided something extraneous with the hope that they may get at least something correct, etc.), the student will receive a lesser amount of credit.
- Any point value of a question may be changed at the discretion of the instructor(s).
- Failure to follow the below rules will result in **NO** partial credit:
  o The base (radix) of all number must be indicated with a subscript or prefix.
  o Truth tables, voltage tables, and timing simulations must be in counting order.
  o Label the inputs and outputs of each circuit with activation-levels.
  o For each mixed-logic circuit diagram, label inputs of each gate with the appropriate logic equations.
  o For K-maps, label each grouping with the appropriate equation.
  o Labels inside of parts must be provided whenever it can be confusing, e.g., they MUST be specified for MUXes and Decoders, but not for NANDs and ORs.
  o For each circuit design, equations must not be used as replacements for circuit elements.
  o Boolean expression answers must be in lexical order, (i.e., /A before A, A before B, & D3 before D2).

For Practicals
- Bring the following to the practical:
  o Your PC
  o Your entire 3701 kit (all parts)
  o Your DAD
  o Two completely blank pieces of paper (to be scanned during Honorlock initialization)
- When the practical begins, your breadboard **CAN** have the following:
  o Vcc and GND connected to the PLD PCB and the power rails
- When the practical begins, your breadboard **CANNOT** have the following:
  o Any other components or wires (other than what is described above)
  o Switch circuits
  o LED circuits
  o 74'xxx ICs
- Because each PI will only have a small number of students, you can ask the PI questions using Zoom chat directly, i.e., **WITHOUT** using the raise your hand feature. This does **NOT APPLY** to exams.
- You will have only ONE chance to demo your work
  o If you think you are ready, read the question again to be sure that you completed **ALL** parts of the Practical.
  o Before your demo, you must archive your Quartus design, upload the Quartus archive, and also upload the pdf file specified above to the Canvas quiz.
  o Be prepared to run your design, as instructed, by Dr. Schwartz or a PI. Also, be prepared to show your design and simulation (in Quartus).
  o If you are ready before the time limit is up, send a Zoom chat to the PI that you are ready to demo with the message: **READY**
  o Again, you will NOT be told anything about how you did, but grades will be posted ASAP.
- If you have done your demonstration prior to 5 minutes before the end of your Practical, you <mark>**must**</mark> stop working and start the following: archive your Quartus design, upload the Quartus archive, and also upload the pdf file specified above to the Canvas quiz. This must be completed before the end of your Practical.
- You **MUST DEMO** before your leave the Zoom meeting (or to tell your PI that you are giving up).
- Once you leave Zoom, you will not be able to reenter the Zoom Practical.
- You will be given the PLD device family and device name during the practical, so you do not need to memorize it.

For Exams

- For the Exam 1, you can have **seven** pieces of scratch paper. For the Final Exam, you can have **ten** pieces of scratch paper. Clearly write the problem number for each of the problems on your scratch paper. Also number each of the pages (1, 2, 3, 4). If using the backs of pages, be sure to number them as well.
  - Use scratch paper for (almost) **ALL** problems on the exam. Be careful to **correctly** copy anything necessary from the exam to your scratch paper.
  - Remember to show **ALL** work **EVERY** problem on the exam.
  - Label each problem with the problem number as shown in the text of the problem, e.g., 1. a).
- In the Canvas assignment, do not put **ANYTHING** in the box that will appear at the bottom of each of the problems. The info that you put there, will not be graded.
- Because all students are in the same Zoom meeting, if you wish to ask a question to a course staff member, you must use the "Raise Hand" feature of Zoom (listed under the "Reactions" in the newest Zoom and "Participants" in the older version) and wait to be assisted. Do **NOT** chat directly with Dr. Schwartz or a PI.
- At least 5 minutes before the end of your Exam, you <mark>**must**</mark> stop working and use your phone (as specified above) to scan your scratch paper, upload the pdf file to your cloud storage folder on your phone, and then from your computer upload this file to your Canvas/Honorlock quiz.

PLEDGE: On my honor as a University of Florida student, I, the student whose name is to be associated with the work submitted for this assignment, certify that [1] I have read, understood, and, unless otherwise directed by the course instructor(s), will abide by the above while completing this assignment, [2] after submitting this assignment, I will not communicate any details of the assignment to any student in our course that has yet to complete the assignment, and [3] if I suspect that unauthorized aid in completing this assignment has been utilized by any student, I will immediately report my suspicion(s) to the course instructor(s). In addition, I understand that if I am involved in any form of cheating whatsoever, including those forms referenced above, I am to receive no credit for this assignment, I am to receive a failing grade for this course, and I am to be referred to Student Conduct and Conflict Resolution for possible expulsion from the university.

<mark>*NOTE:* **By opening and starting this assignment, the student whose name is to be associated with the work submitted for this assignment wholeheartedly commits to the above pledge.**</mark>