NCTU-EE IC Design LAB – 2024 Spring

Course Rule

I. Grading Policy (Subject to changes)

Weekly Lab Exercise * 13	(12*5+3%)
Midterm Project	(8%)
Midterm Exam	(8%)
Online Test	(5%)
Final Project	(8%)
Final Exam	(8%)
Total	(100%)

II. Lab Exercise Demo

➤ **Lab Score: Functionality (70%) + Performance (30%) (May vary between labs)**

Functionality:

Three demo chances for each lab, either "Pass" or "Fail" the functionality part.

Performance:

1. Calculate FOM using Area, timing, power, etc., and score it according to the rank in the class
2. You must "Pass" Functionality to have a performance score

1st demo: Lab Score * 1, 2nd demo: Lab Score * 0.7, 3rd demo: 5*0.35= 1.75 point

➤ **Demo time:**

1. Please submit your answer to New E3 before Monday at **11:59**.
   The TA will upload their pattern after the first demo results are announced.
   If your submission matches the announced pattern, you will pass the demo.
2. If you failed the first demo, please upload your revised version to New E3 before Wednesday at **11:59.**
3. If you have not passed the second demo, please submit your answer by June 19th for the third demo.

➤ **The lab score will be announced after 2nd demo**

➤ **TA will use a demo script to demo, so make sure the naming of each file is correct.**

➤ **The best design will be released for everyone. We would invite the author to share his/her development in the next course (As an encouragement, those students willing to share the best design could earn a 1-semester score as a bonus.)**

➢ **Everyone should finish the exercises on their own. The TAs would compare the source codes in each exercise. Once cheating is found, you will fail this class.**

III. Questions and Announcements

➢ **The related course notification will also be announced on the new e3 campus platform (https://e3p.nycu.edu.tw/). Please check your e-mail registered on the e3 campus is AVAILABLE!**

➢ **The lecture notes can be downloaded from the e3 campus on Wednesday, and exercise assignments can be downloaded at 12:00 noon on Wednesday.**

➢ **The discussion board is at Facebook 2024 Spring IC Lab Student。**
Please join the Facebook group after the first class.

➢ **If you have questions about the course contents or the exercise details, please go to the discussion board on Facebook. The questions should be CLEAR (as a template in the discussion board), and remember the TAs are not responsible for DEBUG.**

➢ **Do not contact TA through FB messenger; please ask your question on the discussion board.**

➢ **Only contact TA through e-mail when there's an emergency condition or personal issue. DO NOT CONTACT TA THROUGH FB MESSENGER.**

➢ **Do not barge into TA's office without making a proper appointment.**

IV. Online Course (02/28 & 04/03)

➢ **02/28 & 04/03 are holidays.**

➢ **You can participate in the physical class, join the synchronous classroom, or watch the recorded lectures afterward.**

➢ **Webex link for 02/28 & 04/03**

➢ https://nycu.webex.com/nycu/j.php?MTID=ma3c5cfdd15ea6c15e846f457e7903b4c

V. ED415 Workstation

➢ **Workstation ED415 connection: (need NYCU IP, i.e.140.113.x.x) ssh (port = 415)**
➢ **ee{21~30}.ee.nctu.edu.tw**

➢ **Regulation for Room ED415**：

➢ **You are not allowed:**

   1. **to restart or shut down any computers in ED415.**

   2. **to lock the screen of the computers.**

   3. **to use the resource with no limitation.**

   4. **to lend your ID account to other students.**

   5. **to use the resources and equipment of ED415 for education-independent purposes.**

   6. **to damage the equipment of ED415.**

   7. **to hack other's ID accounts.**

   8. **to do illegal things that are not allowed and have been announced in the class or on the discussion forum.**

➢ **Punishment**：

   1. **If you have any illegal behavior consisting of points 1,2,3 listed above the first time, your account will be suspended for 2 weeks. If you are a repeat offender, the account will be canceled.**

   2. **If you have any illegal behavior consisting of the point 4,5,6,7 listed above, your account will be canceled right away. In addition, you will not have any accounts in ED415 for any other course, either.**

   3. **The punishment of the point 8 will be announced.**

➢ **Please pay attention to**：

   1. **Turn off the lock screen setup when you leave.**

   2. **Do not bring foods into ED415.**

   3. **Log out of your ID account when you leave.**

➢ **Avoiding plagiarism**

   1. **Any form of plagiarism is not allowed in this class. Plagiarism will lead to failure in this class.**

   2. **Do not look at your classmates' or seniors' codes.**

   3. **Discussion between classmates is recommended, but do not discuss very specific details of your design and algorithm. This may lead to some misunderstanding between plagiarism and algorithm discussion.**

   4. **TAs have the very right to ask you to explain your codes/reports.**

   5. **Do not copy codes from the internet, your classmates, or your senior.**

VI. About TA

Every Student will be assigned to one TA after the first class:

1.   Course content problems → TA responsible for that Lab

2.   Exercise problems → TA responsible for that Lab

3.   Coding Style problems → Your TA

4.   Demo result problems → TA responsible for that Lab

5.   Course arrange problems and other problems → Senior TA

If the question is personal, the student can use either New E3 or personal mail to send an email

to the corresponding TA; remember to CC the email to the Senior TA!

If the question is general, please ask the question on the Facebook group

Students cannot ask questions through Messenger

Name	Email	Lab
Wen-Yue Lin 林文約 (Senior TA)	kenlin.ee09@nycu.edu.tw	Lab00 Midterm Project
廖展儀	jhan.yi.ee12@nycu.edu.tw	Lab01, 05
冉宜軒	game890921.ee12@nycu.edu.tw	Lab02, 12
曹宗叡	stu312510150.ee12@nycu.edu.tw	Lab03, 11
張成德	chengdez.ee12@nycu.edu.tw	Lab04, 10
連紹華	eed0810766.ee108.ee08@nycu.edu.tw	Lab06, 13
蔡睿煌	erictsai.ee12@nycu.edu.tw	Lab08, 09
吳彧嘉	jabywu@gmail.com	OT, Final Project
黃齊緯	i100486987@gmail.com	OT, Final Project