

Administrative Issues



EECS2030 B & E: Advanced
Object Oriented Programming
Fall 2021

CHEN-WEI WANG

- How may you call me?
“Jackie” (most preferred),
“Professor Jackie”, “Professor”, “Professor Wang”, “Sir”, “Hey”, “Hi”, “Hello”
- When you need **advice** on the course, speak to me!
- Throughout the semester, feel free to suggest ways for helping your learning.

If You Are Not Enrolled Yet

- Send me an email ASAP requesting access to the course eClass site, with your *name*, *student number*, *Passport York ID*.
- Still keep up with lectures and tutorials.
- Still complete labs and tests (*no extension*).

Writing E-Mails to Your Instructor

- Think of me as your *colleague* who is happy to help you learn.
 - *formality* is unnecessary
 - *courtesy* is expected
- This sounds *very rude* (and may be delayed, if not ignored):

```
On the link you sent us for our mark  
my mark for lab0 did not appear on it  
and i submitted lab0 during my lab session
```

- This sounds *much nicer*:

```
Hello Jackie, the link you sent didn't work.  
I did submit my lab0. Could you please look into this?  
Thanks! Jim
```

- A single eClass site:
 - *LE/EECS2030 B & E - Advanced Object Oriented Programming (Fall 2021-2022)*
 - Syllabus
 - Announcements common for both Sections B & E
 - Course Forum
 - Laboratory Exercises [instructions only]
 - Programming Tests [instructions & submissions]
 - Written Tests [instructions & submissions]
 - Exam
- Check your emails regularly!

Required Study Materials

- Lecture materials (recordings, iPad notes, slides, example codes) will be posted on my website for you to *re-iterate concepts and examples*:

`https://www.eecs.yorku.ca/~jackie/teaching/lectures/index.html#EECS2030_F21`

- The *course syllabus* is also posted in the above lectures site.

Course Syllabus

Let's go over the *course syllabus*.

Need Accommodation?

- Please contact me via email as soon as possible, so we can make proper arrangements for you.
- We will work out a way for you to gain the most out of this course!

Adapting Yourself to the Second Year

- You had lots of fun in your first-year courses:
 - Programming solutions were developed and tested via **visualization** on physical devices (e.g., Android tablet/emulator, Phidget board).
 - You may have done a bit of **testing** using:
 - A **Console tester class** with the `main` method
 - A **JUnit test class** with the **assertions**
- However, this isn't how a real **software developer** works:
 - Programming **problems** are explained via the expected methods' **API** (input and output types) and some **use cases**, without visualization!
 - A set of **tests** must be **re-run automatically** upon changes.
- Thinking **abstractly** without seeing changes on a physical device is an important skill to acquire before graduating.
e.g., Watch **interviews at Google**: Given problems described in English, solve it on a whiteboard.

What is this course about?

- *Solve problems* .
 - **Procedural Programming**: **Step-by-step** instructions, by which the computer follows to achieve a certain task.
 - **Object Orientation**: Design software artifacts whose *architecture* corresponds to the real life entities.
- *Express solutions in Java* .

Study Tips

- Plan steady, gradual study of:
 - Lecture videos [≈ 3 hours]
 - Optional Q&A sessions [≈ 1.5 hours – 3 hours]
- *Ask questions!*
- Take (even incomplete) notes, which will help when re-iterating lectures.

General Tips about Studying in a University

- To do well, *inspiration* is more important than *perspiration*.
 - Hard work does not necessarily guarantee success, but no success is possible without *hard work*
- ⇒
- Don't be too satisfied just by the fact that you work hard.
 - Make sure you work hard both on *mastering "ground stuffs"* and, more importantly, on *staying on top of what's being taught*.
 - Go *beyond* lectures (e.g., CodingBat, LeetCode).
 - Be *curious* about why things work the way they do.
 - Always *reflect* yourself on *how things are connected* .

Index (1)

Instructor

If You Are Not Enrolled Yet

Writing E-Mails to Your Instructor

Course Information

Required Study Materials

Course Syllabus

Need Accommodation?

Adapting Yourself to the Second Year

What is this course about?

Study Tips

General Tips about Studying in a University