

# SE 233 Advanced Programming

## Course Introduction



**Lect** Dr.Passakorn Phannachitta

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# Prerequisite

SE 231 (953231) — Object Oriented Programming

# Know your lecturer

Dr. Passakorn Phannachitta (Aj. Kong)

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# The essential

I personally call this class an OOP in Action

# Schedule

- Lecture

- Mondays: 13:00 — 15:00
- Tuesdays: 09:00 — 11:00

- Lab

- Thursdays: 13:00 — 15:00
- Fridays: 09:00 — 11:00

# What will be in the course ?

- Event driven development
- Exceptions handling
- Multi-thread programming
- Debugging
- Unit test
- Build management tools

# Grading - based on adjusted criteria

- Lecture participation 10%
- Lab tutorials 10%
- Lab exercises 20%
- Lab examination (tentative) 10%
- Projects 20%
- Paper-based examination 30%

# Class participation (10%)

- We may be able to meet at our classroom soon.  
Please wait for further notice. Anyhow, before that or ones who is unable to come to the classroom:
- The lecturer will ask students to make a self-portrait in front of the MS.Team meeting screen with clock.
- At a specific hh:mm the lecturer mentioned around the beginning of the class.



# Lab tutorial (10%)

- Each chapter in the lecture handout has a case study (or two). E.g., Section 1.4 of Chapter 1
  - Your task is to complete all the subsections.
  - Following the tutorial, once you finish on **one** subsection, you have to (1) do a video screen record of your running program, and (2) upload the video to your personal cloud storage.
  - Your submission will be concluded when you upload the listed urls and the working source codes before the deadline.

# Lab tutorial (10%)

- For example, the case study of Chapter 1 has 6 Subsections
  - When you complete 1.4.1 -> do a video screen record of your work product -> upload it to your personal cloud storage
  - Repeat the above steps for 1.4.2, 1.4.3, 1.4.4, 1.4.5, 1.4.6
  - If you decide to conclude the submission, you have to list all the accessible url in one file and submit it to the system, together with your zipped working source code.

# Lab tutorial (10%)

- The submission of each particular lab tutorials will be closed on the same **Friday** after the lab is assigned **at 23:59**
- All subsections worth one mark, equally. Then the scores will be rounded once at the end of the course.

# Lab exercise (20%)

- There is an exercise at the end of each chapter  
E.g., Section 1.4.7 of Chapter 1
  - Your task is to complete all the exercise problems.
  - When you finish each problem, you also have to (1) do a video screen record of your running program, and (2) upload the video to your personal cloud storage.
  - Your submission will be concluded when you upload the listed urls and **the working source codes associated with each problem**. If your codes passed the plagiarism check, then you get the score.

# Lab exercise (20%)

- For example, the exercise of Chapter 1 has 6 problems
  - When you complete 1.4.7.1 -> do a video screen record of your work product -> upload it to your personal cloud storage
  - Repeat the above steps for 1.4.7.2, 1.4.7.3, 1.4.7.4, 1.4.7.5, 1.4.7.6
  - If you decide to conclude the submission, you have to list all the accessible url in one file and submit it to the system, together with your zipped working source code **for each problem.**
  - Code plagiarism is planned to be checked with Jplag, so unless the codes were massively modified, the system can easily check for copying. **Ref:** <https://github.com/jplag/jplag>

# Lab exercise (20%)

- The submission of each particular lab tutorials will be closed on the same **Sunday** after the lab is assigned **at 23:59**
- All subsections worth one mark, equally. Then the scores will be rounded once at the end of the course.
- Failed to passed the plagiarism checking -> 0 for all the submissions.

# Lab examination (10%)

- Still tentative.
- The lecturer is thinking of how to make an at-home Hackathon
- If the lecturer is unable to make it, the possible consequences are:
  - One more project and the projects will be 30%
  - Exam will be 40% instead

# Projects (20%)

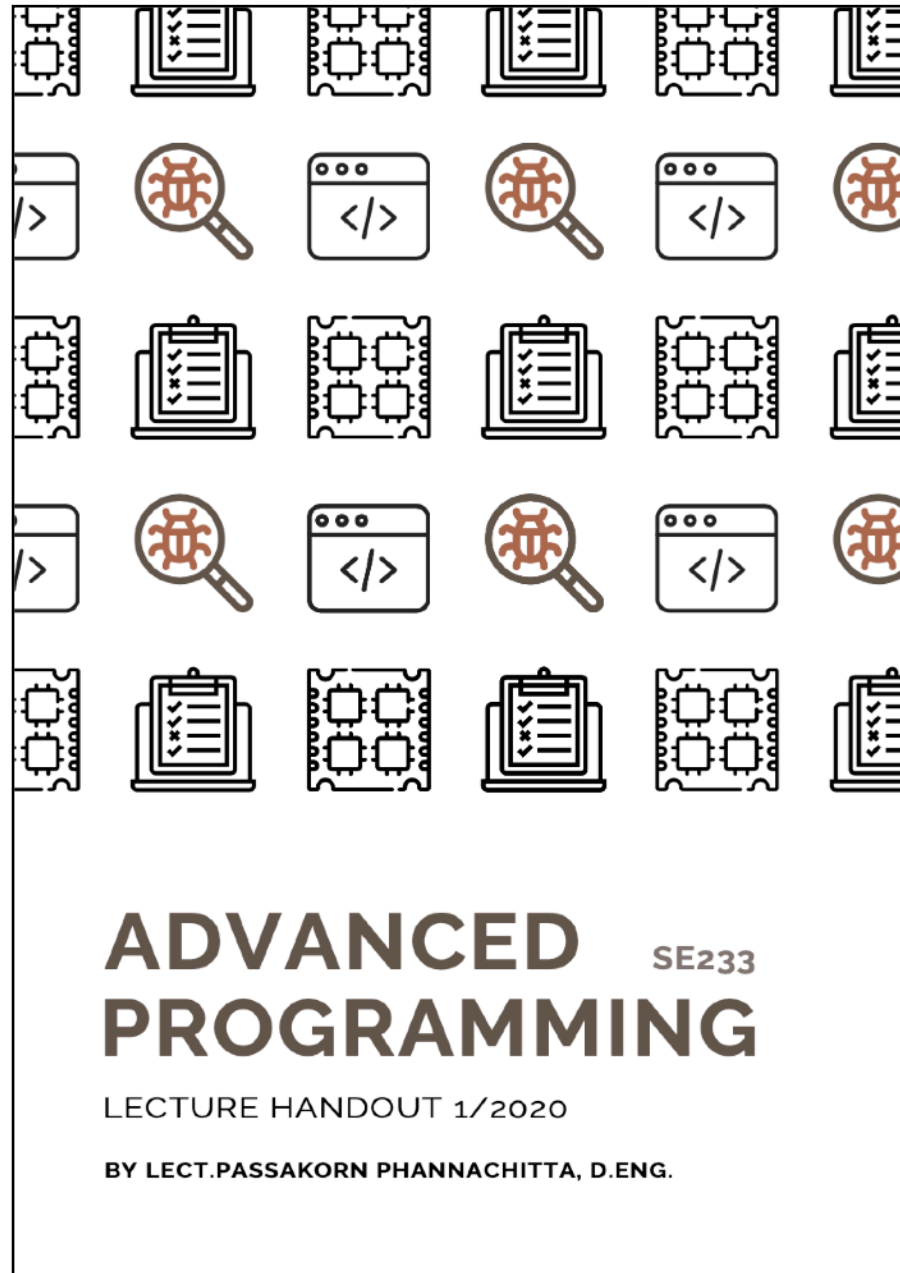
- Two projects are planned, 10% each:
  - A wrap up for the first three chapters
  - Another wrap up for the last three chapters.



# Paper-based exam

- Only one exam on the CMU official schedule.

# Material



# Class Communication

- MS TEAM
- SCOTT
- Email

# Class Policy

- No late assignment submission.
- If a student must be absent, please notify the lecturer at least 24 hours before the class of his/her absence.
- The student who does not take the paper-based exam will fail this course.

# Cheating Policy

- First offence for cheating on
  - An exam: zero on the exam.
  - An assignment: zero on the assignment and 10 points subtracted from final course total.
- Multiple instances of cheating of any kind:
  - Failure in the course.