

# Foundations of C Programming

## - Course introduction

# Teachers

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Course Convener: Judy FENG  
TA header: Lily LIN

# Lectures + Labs + Tutorials

- Each week
  - 2 lecture hours + 2 lab hours
  - Attendance is **compulsory**

# Reference Books

- Brian W. Kernighan and Dennis M. Ritchie, “The C programming Language” , 1988.
- Stephen G. Kochan, “Programming in C”, 3<sup>rd</sup> Edition, 2006
- Stephan Prata, “C Primer Plus”, 6<sup>th</sup> Edition, 2014

## Note

- E-book in pdf format can be found in the Internet
- These books are for references only. Not all the chapters are covered
- Many C resources are available in the Internet
- It is strongly encouraged to learn from the Internet
  - For examples, <http://c.biancheng.net/c/> (中文) and <https://www.tutorialspoint.com/cprogramming/index.htm> (English).

# iSpace

- Website: [ispace.uic.edu.cn](http://ispace.uic.edu.cn)
- iSpace is a course management system used in UIC, where you can find
  - course lecture slides
  - lab questions and assignments
  - submission links for the lab and assignment work
  - grades for lab and assignment work and quizzes
  - rubrics and syllabus
  - important notices
- How is your submitted work evaluated
  - Refer to CRA rubrics in iSpace

# Course Evaluation

- Lab assignments (Lab exercises + Little quizzes): 25%
- Homework and quizzes: 15%
- Group projects: 10%
- Final examination: 50%
  - Final examination receives a special concern.
  - If you get a high score from the continuous assessments and a low score in the final exam, you still have a chance to fail this course, even though your total score is not low.
- You must pass both continuous assessment and final exam to pass this course
- Final grades are given respectively in two groups: FE group, and CDS year one students group.

# Little Quizzes

- In the first 5 minutes of lab hours.
- Check students the review status after the lecture.
- Multiple choice questions.
- Don't miss any details in the ppt, e.g., your teacher's name

# How to Fail Quickly

DIShonesty = FAIL

- Time
- Money

- Copy of assignments and labs
- Plagiarism in quizzes and exams



# Academic Integrity

- Academic dishonesty includes, but is not limited to,
  - submitting work that is not one's own,
  - cheating in quizzes, tests, or examinations
- Any student caught **cheating during the exams** will receive a **failing grade** for the course, and will be reported to the **Student Disciplinary Committee**
- **Cheating in an assignment, lab exercise, and a quiz** can
  - receive **0** for this work and **-5 bonus** from the total marks
  - be reported to the **Student Disciplinary Committee**.
- What is considered cheating in an assignment or a lab exercise?
  - Any program which does not start from 1) an empty program, and 2) a program from the lecture notes and lab requirements

# Academic Integrity

- If a student copies work from another student, **BOTH** are given **0**, no matter whether the copied one knows or not.
- It is student's **responsibility** to prevent his work from being copied.

# Make-up Exams

- There will be no makeup exams or quizzes without a documented legitimate reason that is outside of your control
- A heavy workload or social conflict is **NOT** an acceptable excuse!

# Late or Wrong Submission

- If homework is submitted after deadline
  - No marks are given
- **No excuse** is accepted for **wrong submission**
  - Be careful on the submission requirements from teachers
  - Double check the submission by downloading the submission and check.

# Course Policies

**No Mobile Phone, Pad** in the lecture time

**Use computers or Laptops only when the teacher asks you to do**



# Course Policies

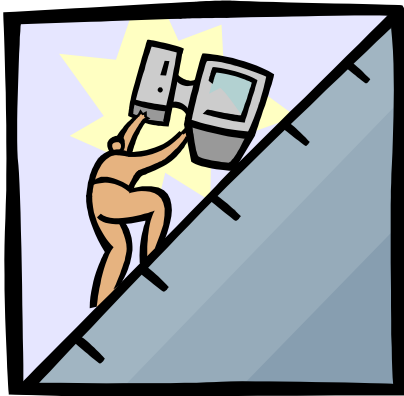
- Come to class **on time**
- **Enter classroom quietly** if you are late
- Do **NOT** speak to each other during lectures
- Raise your hand for questions
- **It is your responsibility** to get the course notes, handouts, and laboratory assignments from iSpace
- Students with **excessive unexcused absences** may be **excluded** from final examination

# Study Tips

- Attend the lectures & labs & Tutorials
- Keep an eye on iSpace about notice, solutions etc.
- Practise the examples in the lecture notes
- Make use of the Internet resources to find the solutions
- Spend at least two out-of-class hours for each lecture hour
- Complete the labs and assignments independently
- Write many programs! Learn in practices.

**No Pain, No Gain!**

# Enjoy the Wonderful Journey of Programming



Push. Push.. Push...



Programming. Programming.. Programming...