CS 18000 Problem Solving and Object Oriented Programming

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Administrative issues

- Instructor: Prof. Sunil Prabhakar
  - sunil@purdue.edu
  - Office: LWSN 3144F
  - Hours: Mon. 12:00 — 1:00
- Course Coordinator: Dr. Lorenzo Martino
  - lmartino@purdue.edu
- Teaching Assistants (see website)
  - Graduate TAs
  - Undergraduate TAs
- Web Site: http://courses.cs.purdue.edu/cs18000:fall16-gld:start

Administrative issues

- Text book
- No required textbook.
  - **Any introductory Java book**
  - **Free** online book: see website.
- Syllabus and slides on web page.
- Read the slides before class.
- There may be some missing slides!
- Take notes in class.

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Grading

- 40% Programming assignments
  - Projects 1-2:   6% each
  - Projects 3:   8%
  - Projects 4-5:   10% each
- 5% Homework
- 5% Quizzes (class & lab)
- 10% Labs
  - All labs equally weighted
- 40% Exams
  - Exam 1: 13%
  - Exam 2: 13%
  - Final: 14%

Missing Exams, Labs or Projects

- If you cannot make an exam, lab or project deadline, contact the course coordinator BEFORE the deadline or exam, otherwise you will receive a 0 on the exam.

- Exceptions: **documented** medical reasons and family emergencies only.

- NO late submissions for projects or labs.

- NO deadline extensions.

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Campus Emergencies

- Course requirements, deadlines, and grading are subject to change.

- The course website and Piazza will be used to notify you.

  - Emergencies include: pandemics, weather extremes, hazardous spills, safety issues, …

- H1N1 (or other contagious flu)

  - Do not attend lectures, recitations, labs, etc.

  - Contact course coordinator (Dr. Martino) immediately via email (lmartino@purdue.edu) to make arrangements.

Logistics

- The course moves very fast.
- You must attend all lectures and labs.
- Quizzes to give you another incentive.
- Lectures (Monday, Wednesday, Friday)
  - Do not be a disturbance during class.
  - Laptops are acceptable as long as you do not create any distractions for fellow students.
  - Before class, please allow me to prepare.
- Monday lectures will be derived by Asmaa Sallam and will cover details about labs, project, and exams.
- Read before lecture to make the most of the lectures.

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Logistics (cont.)

- **Labs** (2 hours each week) Graded.
    - 2-hour programming assignment on material covered in previous week.
    - This week's lab will introduce programming environment, tools,etc.
- **Consulting**
    - Extra help available in evenings.

Logistics (contd.)

- Only course staff have authority over non-technical questions.
- Do not skip lectures or labs.
- If you are going to miss a lab -- arrange a retake (BEFORE, whenever possible).
- No deadline extensions.
- No late submissions.
- Follow good programming style (see web page).

iClickers

- For lectures and labs
  - used for feedback
  - assignment answers (and quizzes)
- Please purchase one ASAP (you are likely to use this for other courses too)
- Follow directions on Blackboard course web page to register you iClicker for CS18000

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Ethics

- We take cheating VERY SERIOUSLY!
- We lose students each semester due to cheating.
- Discussion is encouraged, but not copying or sharing of code.
- All instances of cheating will be reported to the Dean of Students, and may result in a failing grade or expulsion.
- We use copy detection software!
  - Do not copy code and make changes!
  - Do not copy code from the Web.
- Read course Academic Integrity Policy on web page and SIGN it -- no exam 1 if not signed.

Schedule

- Roughly one topic per week (see web page)
- No classes
  - Labor Day, September 5th
  - October Break, October 10th and 11th
  - Thanksgiving week
  - Week of Dec 5th (due to evening exams)
- Project due dates may change.

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Gold Section

- This is the Gold Section for CS18000
- We will assume no prior knowledge of programming
- Both sections have the same outcomes and expectations
  - same labs
  - same projects
  - same exams

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Exam Schedule

- Exam 1 for GLD Section
  - Tuesday October 4, 8:00 — 10:00pm
  - CL50 Room 224
  - Laptop-based programming exam
- Exam 2 for GLD Section
  - Thursday November 10, 8:00 — 10:00pm
  - CL50 Room224
  - Laptop-based programming exam
- Final Exam: To be announced

Important Resources

- Class staff: TAs
- Course webpage http://courses.cs.purdue.edu/cs18000:fall16-gld:start
- Piazza discussion groups
  - http://piazza.com/purdue/fall2016/cs18000gold
  - Only for technical discussions
  - Please follow good etiquette -- no flaming, no cursing, etc.
  - For non-technical issues contact course staff

To Do This Week

- Attend this week's labs

- Purchase iClicker

- Go to Blackboard page and register iClicker

- Sign Forms (http://my.cs.purdue.edu/sign)
  - Academic Integrity Policy
  - Android Phone Form

- Register for Piazza
  - http://piazza.com/purdue/fall2016/cs18000gold

- Visit course page and find notes for Wednesday. http://courses.cs.purdue.edu/cs18000:fall16-gld:start

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