Intro to Algorithms

Syllabus – Addendum 3/20/2020

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Email: goldschmidt@gmail.com
Office hours: Mon 9:30-11:00AM
Tue 11:00AM-12:30PM
Thu 2:00-3:00PM

Jianxi Gao Email: gaoj8@rpi.edu Office hours: Mon 2:30-4:30PM Thu 2:30-3:30PM



Lectures and office hours

- We will use WebEx Meetings: https://rensselaer.webex.com/
- RPI-specific WebEx Meetings information can be found here:
 https://info.rpi.edu/multimedia-services/webex-meetings-webex-teams
- Lectures will be pre-recorded an made available at class time
 - Shortly before class starts, a video URL will be available in Course Materials
 - During class time, questions can be answered via WebEx Meeting chat (audio and video will be turned off for everyone)
- Office hours remain as scheduled
 - You will need to set up your WebEx meeting space at https://rensselaer.webex.com/meet/<RCS-userid>
 - We will use Submitty's Office Hours/Lab Queue to run office hours
 - Be sure you add yourself to the correct queue
 - Be sure to include your WebEx meeting space URL when you join a queue



Homeworks, labs, and recitations

- We have three remaining homeworks (HWs 5-7)
 - Homework 5 is due by 11:59PM EDT on Tuesday 4/7
 - Homework 6 is due by 11:59PM EDT on Tuesday 4/21
 - Homework 7 is due by 11:59PM EDT on Wednesday 4/29
- We have two more labs (Labs 5-6) and one more recitation (Recitation 4)
 - Lab 5 is due by 10:00PM EDT on Wednesday 4/1
 - Lab 6 is due by 10:00PM EDT on Wednesday 4/15
 - Recitation 4 is due by 10:00PM EDT on Wednesday 4/8
 - Lab checkpoint(s) will be verified much like a mini-homework assignment (and instead of in real-time, you can check labs off during any office hours or submit by 10:00PM EDT on the Wednesday due date)



Exam 2 and the final exam

- We have Exam 2 on Thursday 4/23
 - Exam 2 will be a take-home exam, open book, open notes
 - You can write or type your answers
 - Exam 2 will be made available at 5:00PM EDT and must be submitted by 9:59PM EDT on Submitty
 - We expect you to not cheat and not collaborate with others
- We have a comprehensive final exam Wednesday 5/6
 - The final exam will be a take-home exam, open book, open notes
 - You can write or type your answers
 - The final exam will be made available at 5:00PM EDT and must be submitted by 11:59PM EDT on Submitty
 - We again expect you to not cheat and not collaborate with others



Textbooks and resources

Be sure to regularly check the errata for corrections!

• Required textbook:



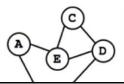
- Algorithms by Dasgupta, Papadimitriou, and Vazirani <u>http://cseweb.ucsd.edu/~dasgupta/book/index.html</u> http://cseweb.ucsd.edu/~dasgupta/book/errata.pdf
- Given the COVID-19 shutdown, you can find a PDF of our required textbook here:

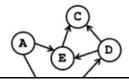
https://www.cs.rpi.edu/~goldsd/docs/algorithms.pdf

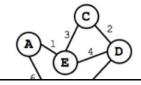


Formatting your work (reminder)

- Each homework must be submitted as a single PDF file
 - Other formats will result in a grade of zero (for real!)
- While not required, it is very highly recommended that you learn and use LaTeX (https://www.latex-tutorial.com/) and an online editor such as Overleaf (https://www.overleaf.com/)
 - Learning LaTeX will be extremely useful to you beyond this course
- If you need to include a hand-drawn diagram in a PDF, please do so sparingly and be sure that it is clear and legible









Academic integrity (reminder)

- Rensselaer Handbook of Student Rights and Responsibilities:
 - "Intellectual integrity and credibility are the foundation of all academic work. A violation of the Academic Integrity policy is, by definition, considered a flagrant offense to the educational process. It is taken seriously by students, faculty, and Rensselaer and will be addressed in an effective manner."
 - "If found responsible for committing academic dishonesty, a student may be subject to one or both types of penalties: an academic (grade) penalty administered by the professor and/or disciplinary action through the Rensselaer judicial process described in this handbook."

https://info.rpi.edu/dean-students/student-rights-responsibilities-and-judicial-affairs



Academic integrity policy (reminder)

- Individual assignments in this course must be the sole work of each individual student; while discussing (and debating) possible solutions is encouraged, please be sure to write up your own solution
- If you do discuss solutions with others, please include their name(s) in your individual written solutions
- If found in violation of the academic dishonesty policy:
 - You will receive a grade of zero on the given assignment
 - For a second offense, you will receive an F in the course
 - Each incident is reported to the Dean of Students and Department Head
 - Cheating may cause you to be ineligible to mentor for the department, participate in departmental organizations, etc.



Stay healthy!



