CS/ECE 374: Algorithms & Models of Computation, Fall 2020   Har-Peled, Kani, and Miller
Midterm 1   **Sunday, September 27, 6am (CDT) – September 29, 3am (CDT)**
Version: 1.2

- ***Don't panic!***

- This is the written part of the midterm, and it is available via Gradescope. You may start your exam at any time within the time window specified above. Once you begin your exam and download this file, you have 2 hours to complete the exam. You are also given an additional one hour grace period to upload your exam to Gradescope. This three hour deadline is a hard deadline, and we will **NOT** accept late submissions.

- A second part of this exam is multiple choice and is available on Prairie Learn: `https://prairielearn.engr.illinois.edu/pl/`. Please also complete this part within the same time period (it should take you about 20 minutes).

- The written exam consists of four questions, and you should answer all of them correctly.

- You need to upload a **single** PDF file for the whole exam. Each question, and sub-question should start in its own page. You need to write your name and netid on the first page of the pdf file.

- This is an open internet/book exam.

- However, you are forbidden from consulting with other humans/students during the exam. Cheating in the exam is an immediate F in the course.

- To level the playing field, no clarifications whatsoever would be provided during the exam period. Whatever confusion, mistakes, and arrows of misfortune you have to face, will also be faced by everybody else taking the exam.

- For urgent technical matters, send email to cs374fa20@gmail.com.

- Please read all the questions before starting to answer them.

- Give complete solutions, not examples. Declare all your variables. If you don't know the answer, admit it and save all of us time. Write short and concise answers.

- You can submit any PDF file (again, a single pdf for the whole exam) – typed, handwritten, or scanned, etc. It is your duty to make sure that what you submit is legible and readable. If your hand writing is unreadable then we strongly recommend that you submit typed answers. Since this is an exam, don't worry about it looking good (so do not use LaTeX unless you have mastered it).

- We have opted not to use draconian software like Proctorio, or similar tools to proctor the exam. Instead, we decided to trust you to be honest and follow the guidelines. Please don't make us regret this decision.

- ***Good luck!***