Instructor: S. Lakshmivarahan

Office Hours: cs4413sp23@groups.ou.edu

Text: Introduction to Algorithms by Cormen, Leiserson, Rivest, Stein. Third Edition, McGraw Hill.

Coverage: Chapters 1 to 4, Chapters 6 to 8, Section 15.3, Section 16.3, Chapters 22 to 25, Chapter 34, Section 35.2, Introduction to Randomized Algorithms, and Parallel Algorithms. In addition to the textbook, there are 13 online modules.

Grading: Homework, two-class exams, and a comprehensive final.

	Percentage
Homework	30%
Midterm 1	15%
Midterm 2	15%
Final	40%
	100%

Teaching Assistants:

Qiuye He – CS4413

Office Hours: Monday, Wednesday - 10:00 am – 11:00 am
Meeting ID: 969 6464 6740
Passcode: 24437173
Zoom Link: https://oklahoma.zoom.us/j/96964646740?pwd=VW5keTdvRjlWRlNpODI2UzN4R0Q1dz09

Shyam Sundar-DSA4413 and DSA5203

Office Hours: Tuesday, Thursday 10:00 am – 11:00 am
Meeting ID: 940 2048 5219
Passcode: 55191573
Zoom Link: https://oklahoma.zoom.us/j/94020485219?pwd=SVJEODBIdVRwVmRTOFFMMDIrbStXdz09

Note: For smooth operation, it is required that all those registered in CS sections of 4413 will consult Ms. He and those who have registered in DSA sections of 4413 will consult Shyam Sundar during office hours.

Email may be sent to the instructor and TAs using the following address: **cs4413sp23@groups.ou.edu**.

Note: Any email messages to the professor or teaching assistants must include CS/DSA4413 in the subject line. Any email without this string in the subject line will likely be filtered as junk.

Discussions and Email: The discussions, announcements on Canvas should be the primary method of communication. This allows everyone in the class to benefit from the answer to your question and provides students with more timely answers since the TAs and instructor check Canvas at least once a day. Matters of personal interest should be directed to email, e.g., informing the instructor of an extended personal illness.

Midterm and Final Exams

1. The Mid Exams - First on Mar 03rd, 2023 and second on April 7th, 2023.

2. Final exam – Thursday, May 13th, 2023.

3. Due to the continued COVID situation, all the exams will be take-home type.

4. Make-up exam will not be given unless there is a family emergency, sickness, etc. that would NOT enable you to be present. In any case, we would require proof before granting permission.

Homework Policies:

There will be Homework almost every week. HomeWorks will be given on a Thursday and will be due by the subsequent Thursday. You need to write the answers neatly and scan and upload to Canvas. Pl. learn the mechanics of handling Canas very soon.

Note: Late submission will have penalty. The penalty will be 20% for each day after the due date. Submissions after 5 days will not be entertained and will get zero grade.

Proper Academic Conduct

1. Feel free to discuss all assignments with the instructor or the TAs.
2. Make sure that your computer account is properly protected. Use an appropriate password, and do not give your friends access to your account or your computer system. Do not leave printouts, computers, or thumb drives around a laboratory where others might access them.
3. Programming assignments will be checked by software designed to detect collaboration. This software is extremely effective and has withstood repeated reviews by the campus judicial processes.

4. Upon the first documented occurrence of inappropriate collaborative work or of taking a solution from a network resource, the instructor will report the academic misconduct to the Campus Judicial Coordinator. The procedure to be followed is documented in the University of Oklahoma Academic Misconduct Code (http://integrity.ou.eduLinks to an external site.). Both the provider of a solution and the receiver of a solution will be treated equally in the misconduct process.

Submission Format

All written submissions should only be portable document format .pdf. Compressed files of any type .gz or .tar.gz. or .rar or .zip format will not be accepted. Other file types, particularly coding files, may be used in the class. The expected file type will be stated. **If the graders cannot open, you will not receive credit for your work.**

Grade Related Questions

Grade related questions should first be brought to the TA that originally did the grading. This will be Ms. He for CS sections and Shyam Sundar for DSA Sections. If talking to the TA does not resolve your question, please see the instructor. All grading questions must be brought to our attention within one week of them being graded.

Canvas Grade Summary

Canvas has a grade book that is used to store the data that are used to calculate your course grade. It is the responsibility of each student in this class to check their grades on Canvas after each assignment is returned. If an error is found, bring the graded document to the TAs or instructor, and we will correct Canvas.

Note: The contents of this course will be used to assess outcomes A and B

(AO) An ability to acquire knowledge of computing and mathematics appropriate to the discipline

(A) An ability to apply knowledge of computing and mathematics appropriate to the discipline

(B) An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution

ENJOY THE SEMESTER