CS330: Operating Systems

Course Logistics

Course and instructors

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RM 101.   Tue, Wed, Thu (8AM to 8.50AM)

https://www.cse.iitk.ac.in/users/deba/cs330/

Piazza link: http://piazza.com/iitk.ac.in/firstsemester2019/cs330?token=seUEe7GWcFb

Moodle (TBA)

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KD 212, deba@cse.iitk.ac.in , send emails with [CS330] in the subject line
Meeting hours: 10AM - 12PM Thursday

Lectures

- Be on time!
    - 8AM to 8.50AM, RM 101

- Keep your mobile phones switched off / silent
    - Penalty for non-adherence is severe!

- Bring blank sheets and pen to class
    - Will be required for class quizzes

- Ask questions and interact

Evaluation

1. Up to four programming assignments (40%)
2. Quizzes (15%)
3. Mid-Semester (15%)
4. End-semester (30%)

References

1. Operating Systems: Three Easy Pieces. Remzi H. Arpaci-Dusseau and Andrea C. Arpaci-Dusseau. Available online (free) http://pages.cs.wisc.edu/~remzi/OSTEP/
2. M. J. Bach. Design of the Unix Operating System, Prentice Hall of India, 1986.
3. Abraham Silberschatz, Peter B. Galvin, Greg Gagne. Operating System Concepts, 8th Ed., John Wiley

Quizzes (15%)

- Wakeup quizzes (almost every lecture)
    - Starting of every lecture (~5Mins)
    - Questions based on previous lecture(s)
- Quizzes will be group based
    - Random group of max. 5 students
    - Discuss and debate before submitting the group's answer
    - Write answer on a sheet along with the group details

If you are late ⇒ Allowed entry only after the quiz

Assignments (40%)

- All assignments involve programming
- Goals
    - Understanding OS abstractions
    - Designing OS mechanisms and policies
- Team size: 1 to 4 (TBD for each assignment)
- Deadlines: No deadline extensions. Each can avail five bonus days

"Take pride in honest hard work"

"Cheating implies accepting defeat"

"If you are here to learn, never defeat the purpose by cheating"

https://www.cse.iitk.ac.in/pages/AntiCheatingPolicy.html

Some points to note!

- Be regular to class
- Read the book chapters before the class
- Class participation is a must!
- Participate in Piazza, approach the teaching staff
- Work hard, do not worry about the grades!