



Introduction to Computer Science

Course Policies

Smruti R. Sarangi and Aaditeshwar Seth



Objectives of this Course

- Basic understanding of a computer system
- Knowledge of the C programming language
- Advanced programming concepts
 - Functions
 - Structures-Unions
 - Recursion
- Practical skills
 - Linux
 - C programming

Instructors



Dr. S. R. Sarangi



Dr. Aaditeshwar Seth



Teaching Assistants

- ▶ Hameedah Sultan (Head TA)
E-mail: anz158222@cse.iitd.ac.in
- ▶ Assistant Head TAs
 - ▶ Sakshi Tiwari : csz148417@cse.iitd.ac.in
 - ▶ Joy Chowdhury : anz168045@cse.iitd.ac.in
 - ▶ Total: 25 TAs

Grading System at IIT Delhi

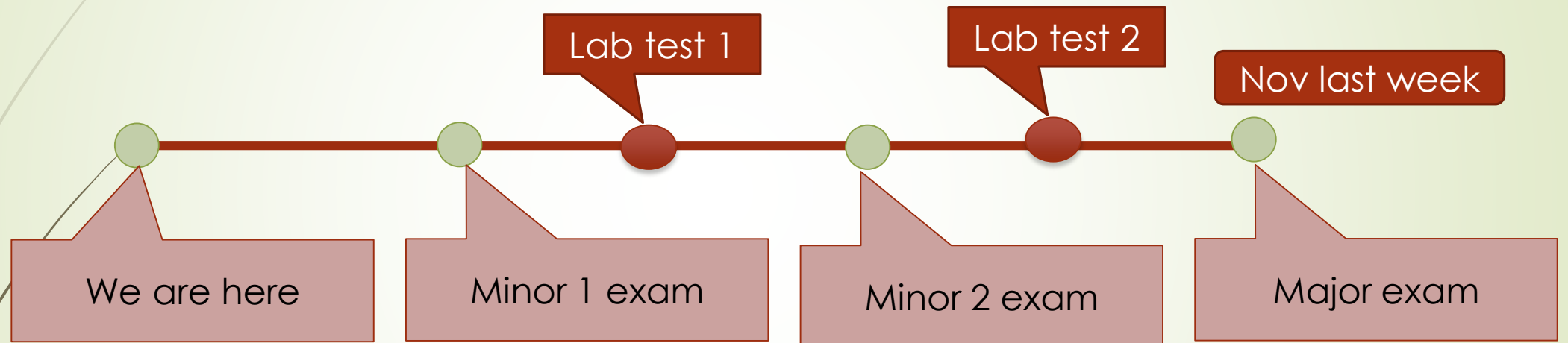
Letter Grade	CGPA points
A	10
A-	9
B	8
B-	7
C	6
C-	5
D	4
E	2
F	0

Passing grades

Need to take the major exam once more

Need to repeat the course

Exams



- Minor 1 and Minor 2 exams: 1 hour exams (mostly subjective)
- Major Exam (2 hour exam) (mostly subjective)

Grading Components

Exam	Weightage
Minor 1	20%
Minor 2	20%
Major	30%
Lab Test 1	15%
Lab Test 2	15%

Passing Criteria

Overall: at least ≥ 30
out of 100



Curious Case of the E grade.

- To get an **E** grade, the marks must be ≥ 20 and < 30
- If a student gets an E grade
 - He/she needs to write another remajor exam within the first week of the next semester
 - The major marks will be replaced by the remajor marks
 - If the new total ≥ 30
 - The student gets a D grade (**passed**)
 - Otherwise
 - The grade remains an E. E is a **fail** grade, and the student needs to **repeat** the course.

Lab Test

- There will be 3-4 problems in the lab test
 - For each problem, you need to write a program
 - A dummy test case will be provided. You can test your program with this test case.
 - At the end of the test, the computer will run your program for hidden test cases
 - For each test case, there is a time limit
 - If a question is assigned k marks, and m out of n test cases run correctly, the computer will assign you a score equal to: km/n
 - At the end of the test, every student will get to see their scores.
- There will be multiple sets of questions
 - Students sitting side by side will get different sets
 - All the sets will have the **same level of difficulty**

What if you miss an exam?

- ▶ You miss a lab test, minor 1, or minor 2
 - ▶ Get a valid medical certificate from IIT's Hospital
 - ▶ It should clearly **indicate** that you were **not** in a position to take the test
 - ▶ We will **not** accept a certificate from any other hospital
 - ▶ **Do not** send any mail regarding missing an exam or lab test
 - ▶ Keep the certificate with you
 - ▶ We will have another lab test and re-minor before the major exam (details to be mailed later)
 - ▶ Come to the exam/test with your medical certificate (original)
 - ▶ The TA will check the certificate in the exam itself
 - ▶ The TA has the right to cancel your exam/test if you do not have a valid medical certificate
- ▶ **Remember:** In all exams/tests always come with your IIT Delhi I-card.



Missing an exam

- ▶ The student can take at max. only 1 re-minor and 1 re-lab test
 - ▶ **NOTE:** The re-minor and re-lab test will be **harder** than the original exams
 - ▶ **REASON:** It is being conducted at a later point of time. The student is expected to have gained a lot of knowledge and maturity in the time being. Hence, to provide a level playing field the difficulty of the exam should reflect this fact.
- ▶ If the student misses the major exam
 - ▶ **Apply** for an I grade before the last date of the major exam
 - ▶ Take a re-major test along with the students who got an E grade
 - ▶ The remajor marks will be added to the total, and a grade will be assigned (can be any grade)



Showing answer scripts

- ▶ After the exams, two dates will be **announced** for showing the answer scripts.
 - ▶ A student needs to come in either one of these dates
 - ▶ We shall not show the scripts to the student's friends
 - ▶ If the student does not turn up on any of these dates, no requests for showing the answer scripts will be entertained
- ▶ If the student has a problem with the grading he/she needs to write the issues in the space provided
 - ▶ No requests for subsequent re-grading will be entertained
- ▶ Students can pick up the re-graded answer scripts at a later point of time
 - ▶ Minor 1 and Minor 2 (and re-minor) answer scripts can be taken
 - ▶ Major scripts shall remain with the instructors



Grading

- At the end of the course, the instructors will plot a distribution of the class scores, and define cutoffs for different grades
- The cutoff for the A grade will roughly be around 80 (target: 10% of the class)
- Subsequently, the cutoffs will decrease by approximately 8-10% for every grade
- The final decision will be made by a committee comprising of the instructors and Dean academics
- If a student is absent for more than 20 days (cumulative), then he/she should discuss the case with instructors. The instructors may recommend the student to seek an 'I' grade in the course.



Labs



- ▶ We will have 13 weeks of lab work
- ▶ All the lab sessions are mandatory
 - ▶ The TA will give you a lab sheet with a list of tasks
 - ▶ Please feel free to discuss your queries/doubts with other students and TAs
 - ▶ Labs are meant to be an active environment that encourage collaboration and a free flow of ideas
 - ▶ They are also meant to prepare for the lab tests. Ensure that all of you get the utmost benefit from the labs.
 - ▶ The TAs will ensure that all the students complete as many lab tasks as possible.



Attendance Policy

- It is mandatory to attend all lectures and all labs
- If a student has missed a lab, then he/she can get a copy of the lab sheet from the course website or his friends and try to solve the problems at his leisure
- The solutions can then be discussed with the respective lab TA in the next lab class
- If the lab attendance, or class attendance falls below 75%, the student will be reported to Dean academics and his advice will be sought in dealing with the issue.



Additional Help

- ▶ Students might have a problem in:
 - ▶ Scoring well in the exams
 - ▶ Understanding English in classes and lab sessions
 - ▶ Getting familiar with computing environments
 - ▶ Issues with achieving simple tasks in the Linux operating system
 - ▶ Grasping programming language concepts
- ▶ All such issues should be discussed with the lab TA. The lab TAs will be able to spend some time and explain the concept to you.



Communication

- All communication shall be initiated via e-mail only
- All e-mail will be sent to your valid IITD e-mail address
 - It is your responsibility to check your e-mail on a regular basis
 - All announcements shall be made at least 48 hours before the event. If you miss something because you didn't check your email on time, we will **not** consider this as an excuse, and will not give your case any consideration.
- Scope of this document
 - It covers some of the most common issues that arise in a course
 - If a student mails the instructors or the TAs with an issue whose answer is contained in this document, then the e-mail shall not be replied to. It will be **summarily deleted**.
 - If there is some issue that is not covered in this document, then please mail the respective TA who is in charge of the particular activity.
 - If you are not sure, mail the head TA (Hameedah Sultan).



Course related Discussion

- ▶ For course related discussion, **Piazza** will be used in this course. It is a Q&A platform designed to encourage collaboration. A separate email will be sent with a link to enrol in the course.
- ▶ Additional help material, lab assignments and the TA contact hours will be uploaded on the course website www.cse.iitd.ernet.in/~hameedah/col100. You might also want to keep checking the website for announcements and materials.

Disciplinary Issues



- If any student is caught cheating in the exams or lab test → he/she will get a **0** in that test.
- **DO NOT** call TAs or instructors on their cell phones.
- First **look** for answers in this document.
- If your special case is not covered, initiate communication with the TA in charge (or the head TA) via **e-mail only**
- Subsequently, **follow** the TA's instructions.