



Course Orientation DLD

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Digital Logic and Computer Design

Course Administration

- **Exams and Assessment**
 - Basically 2 exams method Mid & Final
 - 10 Sessional 1
 - 15 Sessional 2
 - 50 Final
 - 25 Assignment/Quizes
 - Eliminating one Exam suggests that there is a clear room for more practical work (so you must start getting worried about it !!!)

- All course related announcements are available on my home page,
 - jadoon956.wordpress.com/dld-lectures

Course Requirements

■ Assignments/Quizzes

- Written assignments (Small Tasks) (details in coming lectures)
 - Idea is to initiate research oriented writing not “cut-copy-paste”
- Attendance, Presentations, Quiz & Class Discussion & Participation (as a regular activity)
- Volunteer presentations (you must not be that familiar with this kind of stuff but you need to respond to it quickly!)
- Sessional’s loot sale
- Formal Presentations in groups



How to get good marks?

■ Requirements

- Overall Class Attitude
- Things to Avoid (Referencing, Cut-Copy-Paste Culture, Carelessness, leg-pulling)
- Things to do (Innovation, Confidence, Work Attitude)
- Sense of Maturity and continuous learning

Examination

- I personally believe in “**thorough studies**” so usually no choices given in the exam
- Every thing discussed, during the class or given as reading material, could be part of the exams
- Questions will be formulated in a way to examine both bookish as well as conceptual thinking
- Other details will be given close to Sessional
- I will try to follow my simple rule that is
 - “ *I’ll be very friendly in the lectures and very strict in the exam hall (believe me no chance of misconduct...)”*



Course Orientation

- **Basically Theoretical focus**

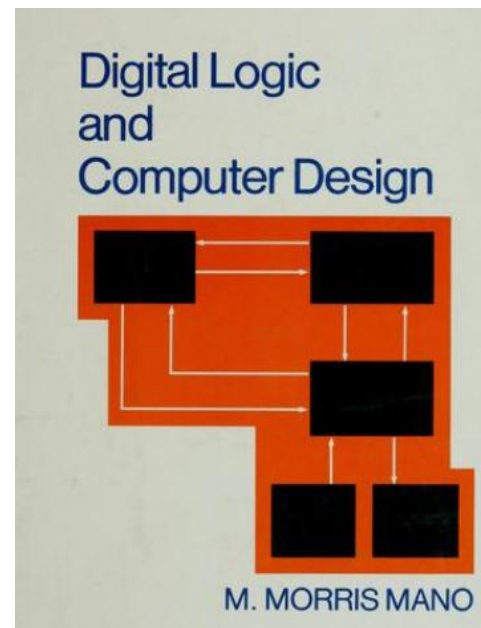
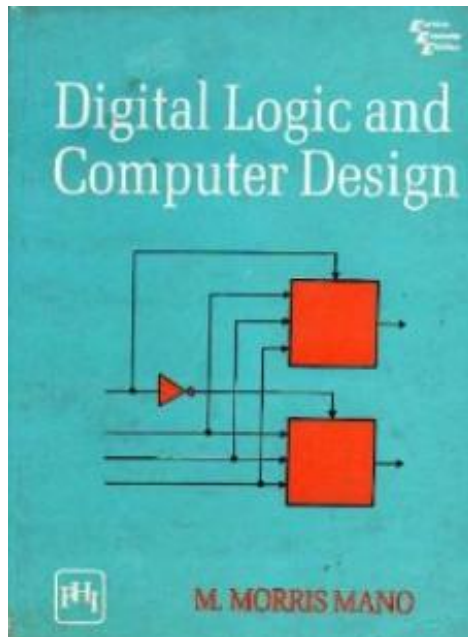
Introduction to Concepts and Issues regarding Computers and Information Technology

- **But**

- The practical orientation will also be a major focus of the course (this will include practical demonstration on perhaps multimedia)
- Lecture notes will include more graphical explanation of things to give more practical orientation about computer applications
- Case Studies & Articles on related Topics
- Formal Presentation from Students will also work in this regard
- This time I have included lots of videos related with computers and their usage

Text & References

- Focus will be on topics rather Chapters of any text
- Many Text/books are available in market
 - Digital Logic and computer design by Morris Mano



Learning not
Teaching

Competency &
Skills

Miscellaneous

(Regularity,
Consultancy,
Support etc)

Guidelines
for me as
an
Instructor

True
Knowledge
not stories

Neutral
Assessment
(Objective)

Class
Environment

Updated
Teaching
Methodology



Expected Topics

Jadoon956.wordpress.com/dld-lectures

Rab Nawaz Jadoon Entries (RSS) Comments (RSS)

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DLD Lectures

Lecture Notes of Digital Logic and Computer Design. Click and Download your requested material,

- Lecture 1: Number system DLD_Rab Nawaz
- Lecture 2: Binary Codes_Rab Nawaz
- Lecture 3:Complements in DLD by Rab Nawaz
- Lecture 4:Logic Gates_rabnawaz jadoon
- Lecture 5: Boolean Algebra_rab nawaz jadoon
- Lecture 6: Karnaugh Maps by Rabnawaz
- Lecture 7: Karnaugh Maps simplification by Rab Nawaz
- Lecture 8: Combinational Logic by Rab Nawaz Jadoon
- Lecture 9: Combinational Logic with MSI and LSI by Rab Nawaz Jadoon
- Lecture 10: Combinational Logic (Decoder+Encoder) by Rab Nawaz Jadoon

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*Thanks for
the tolerance*