

EE 703 Digital Message Transmission

Saravanan Vijayakumaran
sarva@ee.iitb.ac.in

Department of Electrical Engineering
Indian Institute of Technology Bombay

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Course Details

Instructor Saravanan Vijayakumaran

Office EE 122B (Opposite PC Lab)

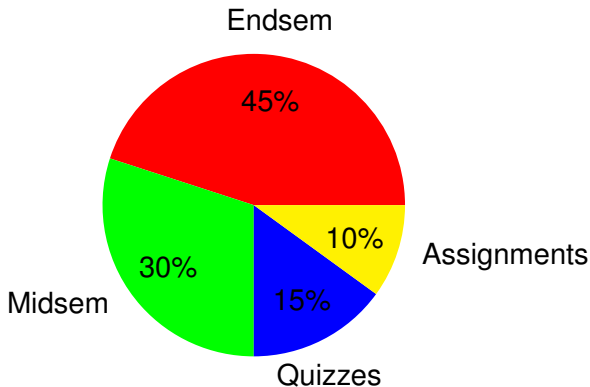
Schedule Slot 1

Location EEG 002

Webpage <http://www.ee.iitb.ac.in/~sarva/EE703/Autumn2013.html>

Forums https://piazza.com/iit_bombay/other/ee703

Grading Policy

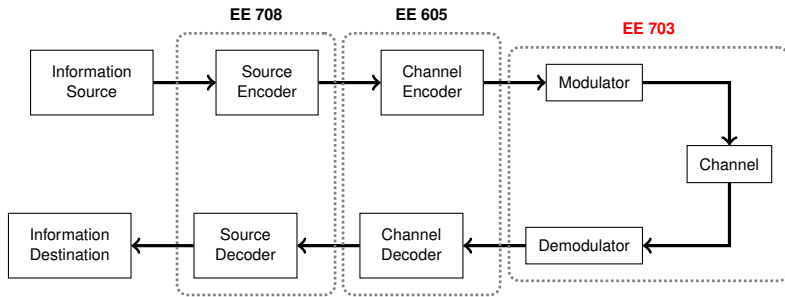


- Quizzes (Best two out of three)
- Relative grading
- For AU, score \geq CC

Reference Books

- *Fundamentals of Digital Communication*, Upamanyu Madhow, 2008
- *Digital Communications*, John G. Proakis and Masoud Salehi, 2008 (5th Edition)

Digital Communication Systems



EE 708 Information Theory and Coding

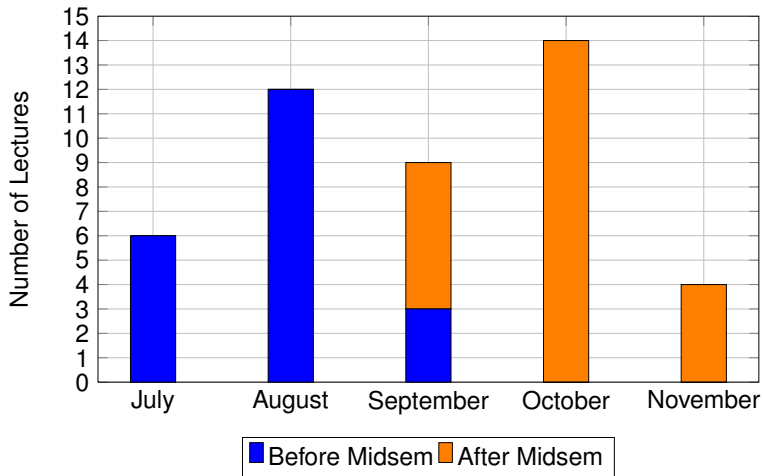
EE 605 Error Correcting Codes

EE 703 Digital Message Transmission

Course Outline

- Review of Prerequisites
- Digital Modulation Schemes
- Demodulation Schemes
- Carrier and Timing Synchronization
- Equalization

Lecture Distribution by Month



Before Midsem 21 Lectures

After Midsem 24 Lectures

Attendance 80% required (Can miss at most nine lectures)

End of course outline