

ECE 753: Fault-Tolerant Computing

(Spring 2023)

COURSE CONDUCT

INSTRUCTOR

Name: Parameswaran Ramanathan
Office: 3639 Engineering, 263-0557, parmesh.ramanathan@wisc.edu
Lectures: 1:00–2:15 TR in Room 3534 Engineering Hall
Office hours: Tentatively 2:30-4:00p M and 2:15-3:30p R

RECOMMENDED TEXT

Barry W. Johnson, Design and Analysis of Fault-Tolerant Digital Systems, Addison-Wesley, 1989.

Papers from Canvas website

HOMEWORK

There will be approximately four reading assignments and four homework assignments. In lieu of a final exam, the students will be required to submit a term paper involving either an extensive survey of one area or a small project. The topic for the term paper will be assigned/selected early in the course and students will have to work on it throughout the term. There will be project presentations at the end of the semester. No late assignments will be accepted except under extreme non-academic circumstances.

EXAMINATIONS

There will be one midterm and no final. The midterm will be tentatively held on April 11, 2023, possibly beyond class hours. Some of the project presentations will be scheduled on May 9, 2023 during the final exam period 2:45-4:45p.

GRADING

Homework	20%	Readings	20%
Term Paper	30%	Midterm	30%