Introduction to IC Test
ECE 575 / 675
Announcements

Professor R. Daasch
Department of Electrical and Computer Engineering
Portland State University
Portland, OR 97207-0751
(daasch@ece.pdx.edu)

http://ece.pdx.edu/~daasch/course/x75
Final exam is takehome

- Distributed Friday 1 December 2006
- Due 5 December 2006 (11:59+ PM)
21 November 2006

- Apologies I don’t have homework 2 done excuses abound but...

- Final Exam takehome
  - Will post Friday 1 December 2006
  - Due 5 December 2006 (11:59+ PM)
Homework 3 is posted
7 November 2006

- Hardcopies of midterm are returned today
- Average 84
- High 99
- Low 71

Question 1
  - The zero compound yield was a bad idea it added an unneeded level complexity

Question 2
  - T1 was high coverage high yield (didn’t detect many fails)
  - No one saw the fluctuation of T1 passing as note worthy

Question 3
  - Data supported the idea that fault coverages could be lower without escapes
Clearly more data would be needed to confirm

A few recognized that 20% reduction doesn’t have to be on each test but total test time

Question 4

Almost all got that tests with different fault (defect) models are independent

Question 6

Some didn’t take the time to write “in their own words”
31 October 2006

☐ Second homework is posted

☐ First homework returned today

☐ Exam grading is not complete
17 October 2006

- Week 24 October class will video only
- Take-home midterm will be posted on 24 October
- PDF electronic submissions of homework are preferred to FAX
10 October 2006

- Week 24 October class will video only
- Take-home midterm will be posted on 24 October
- The email subject line for correspondence about the course must include the string "ECE x75"
- Homework 1 Due 17 October 2006
The email subject line for correspondence about the course must include the string

ECE x75

Homework will go up this evening. Due on October 12.
26 September 2006

- Request for office appointment for a time less than 24 hours away is rarely granted.

- The email subject line for correspondence about the course must include the string 'ECE x75'

  - Email without the string or mistyped may not be read for a week or more