

UNIVERSITY OF SOUTHERN CALIFORNIA

COMPUTER ENGINEERING

SCREENING EXAMINATION

EE 658

Diagnosis and Design of Reliable Digital Systems

SUGGESTED READING

1. M. Abramovici, M.A. Breuer and A. D. Friedman, **Digital Systems Testing and Testable Design**, Computer Science Press, 1990; IEEE, 1992; John Wiley, 1998, ISBN 0-7167-8179-4. Chapters 1-6, 9-11.
2. N. Jha and S. K. Gupta, **Digital Systems Testing**, Cambridge University Press, 2003, ISBN 0521773563. Chapters 3, 4, 5, 11, 12
3. M. Morris Mano and C. R. Kime, **Logic and Computer Design Fundamentals**, 2nd edition updated, Prentice Hall, 2001, ISBN 0-13-031486-23.
4. S. Mourad and Y. Zorian, **Principles of Testing Electronic Systems**, John Wiley, 2000, ISBN 0-471-31931-7.
5. A. Crouch, **Design-for-Test**, Prentice Hall, 1999, ISBN 0-13-084827-1.

Please be aware that these references are for guidance in BASIC knowledge. Ph.D. candidates are screened on the basis of talent, course knowledge, independent reading and experience.
