

Recommended Text/Reference Book
2001/2002 Session

SECOND YEAR - SCHEDULE 3

EE2002 ENGINEERING MATHS 2A

by A/P QG Wang & Dr JC Coetzee

- *1. *Advanced Engineering mathematics*
 - E Kreyszig
 - 8th Edition, John Wiley and Sons, New York, 1999
- *2. *Advanced Engineering Mathematics*
 - PV O'Neil
 - 2nd edition, Wadsworth Publishing Company, 1987

EE2003 ENGINEERING MATHS 2B

by Visiting Prof YV Venkatesh & A/P HK Garg

- 1. *Advanced Engineering mathematics*
 - E Kreyszig
 - 8th Edition, John Wiley and Sons, New York, 1999
- *2. *Probability, Random Variables, and Random Signal Analysis*
 - PZ Peebles
 - McGraw Hill

EE2004 SEMICONDUCTOR DEVICES

by Prof DSH Chan & A/P JTL Thong

- 1. *Principles of Electrical Engineering Materials & Devices*
 - SO Kasap
 - McGraw Hill, Revised Edition c. 2000

EE2005 ELECTRONICS

by A/P SS Ng & A/P CS Chang

- 1. *Microelectronic Circuits*
 - AS Sedra and KC Smith
 - 4th Edition, Saunders, 1998
- *2. *Microelectronics*
 - J Millman and A Grabel
 - 2nd Edition, McGraw-Hill, 1987
- *3. *Operational Amplifiers and Linear Integrated Circuits*
 - RF Coughlin and FF Driscoll
 - 4th Edition, Prentice-Hall, 1991
- *4. *Electronic Design*
 - CJ Savant, MS Roden and GL Carpenter
 - 2nd Edition, Addison-Wesley, 1991
- *5. *Electronic Circuits*

- Malik
- Prentice Hall, 1995

EE2006 DIGITAL DESIGN

by A/P S Ranganath & A/P A Kassim

1. Digital Design, Principles & Practises
 - JF Wakerly
 - Prentice Hall
2. Digital System Design with VHDL
 - M Zwolinski
 - Prentice Hall

EE2007 MICROPROCESSOR SYSTEMS

by A/P TT Tay

1. Intel Microprocessors: Architecture, Programming & Interfacing
 - AK Ray and KM Bhurchandi
 - McGraw Hill, 2000

EE2008 CIRCUITS

by A/P BM Chen & Dr P Sadasivan

1. Circuits
 - A. B. Carlson
 - PWS Publishing Company, New York, 1999
2. Basic Circuit Analysis
 - C. C. Ko & B. M. Chen
 - 2nd Edition, Prentice Hall Asia, Singapore, 1998
3. Electric Circuits
 - C. K. Alexander & M. N. O. Sadiku
 - McGraw Hill, New York, 2000

EE2009 SIGNALS

by Prof Lawrence Wong & Prof CC Ko

- *1. *Introduction to Signals and System*
 - Douglas K Lindner
 - McGraw Hill, 1999
- *2. *Principles of Signals and Systems*
 - Fred J Taylor
 - McGraw Hill, 1994
- *3. *Contemporary Communication using MathLab*
 - John Proakis and Masoud Salehi
 - Brooks/Code, 1999
- *4. *Contemporary Linear Systems using MathLab*
 - Robert D Strum and Donald E Kirk
 - Brooks/Code, 1999
- *5. *Computer Explorations in Signals and Systems Using MATLAB*
 - John R Buck, Michael M Daniel and Andrew C Singer

- *Prentice Hall, 1996*

CG3212 CONTROL ENGINEERING

by Dr WW Tan & A/P WK Ho

1. Modern Control Engineering
 - K Ogata
 - 3rd Edition, Prentice Hall, 1997

2. Feedback Control of Dynamic Systems
 - GF Franklin, JD Powell & A Emami-Naeini
 - 3rd Edition, Addison Wesley