

EEE132 2008/09- CLASS SCHEDULE

Classes on Wednesdays (12pm-1pm, DK3)
and Fridays (8am-10am, DK3).

WEEK 25 **22/12/08 – 27/12/08**

CLASS 1&2 22/12/08

CLASS 3 24/12/08 (leave)

WEEK 26 **30/12/08 – 03/01/09**

CLASS 3 31/12/08

CLASS 4&5 02/01/09

WEEK 27 **05/01/09 – 10/01/09**

CLASS 6 07/01/09 (leave)

CLASS 6&7 09/01/09

WEEK 28 **12/01/09 – 17/01/09**

CLASS 8 14/01/09(leave)

CLASS 9&10 16/01/09(leave)

WEEK 29 **19/01/09 – 24/01/09**

CLASS 8 21/01/09

CLASS 9&10 23/01/09

WEEK 30	25/01/09 – 01/02/09 Mid-semester break
WEEK 31	02/02/09 – 07/02/09
CLASS 11	04/02/09
CLASS 12&13	06/02/09
WEEK 32	09/02/09 – 14/02/09
Test 1 & Assign 1	11/02/09
CLASS 14&15	13/02/09
WEEK 33	16/02/09 – 21/02/09
CLASS 16	18/02/09
CLASS 17&18	20/02/09
WEEK 34	23/02/09 – 28/02/09
CLASS 19	25/02/09
CLASS 20&21	27/02/09
WEEK 35	02/03/09 – 07/03/09
CLASS 22	04/03/09
CLASS 23&24	06/03/09

WEEK 36	09/03/09 – 14/03/09
CLASS 25	11/03/09
CLASS 26&27	13/03/09
WEEK 37	16/03/09 – 21/03/09
CLASS 28	18/03/09
CLASS 29&30	20/03/09
WEEK 38	23/03/09 – 28/03/09
CLASS 31	25/03/09
CLASS 32&33	27/03/09
WEEK 39	30/03/09 – 04/04/09
Test 2 & Assign. 2	01/04/09
CLASS 34&35	03/04/09
WEEK 40	05/04/09 – 12/04/09
STUDY WEEK	
EXAMINATION	13/04/09 – 02/05/09

CLASS CONTENTS

Classes 1 to 4

Revision on semiconductor physics

- intrinsic and extrinsic semiconductors
- important semiconductor parameters
- charge density in semiconductor

Class 5

- Fermi-Dirac

Class 6

- Hall Effect

Class 7

- current in semiconductor
- p-n junction
- current components in p-n junction

Classes 8 - 9

- diode I-V characteristics

Classes 10 - 19

Diodes and their applications

- rectifying diodes
- clipping diodes
- clamping diodes
- special diodes i.e. varactor, LED, photo, tunnel, laser and Schottky

Classes 20 - 29

BJT

- currents in BJT
- dc biasing

Classes 30 - 36

FET

- JFET
- JFET dc biasing
- DE MOSFET
- DE MOSFET dc biasing
- E MOSFET
- E MOSFET dc biasing