CM307

Real-Time Computing & Embedded Systems

Examination 70% Coursework 30%

Iain McNally

8 lectures (weeks 1-6)

2 exam questions

Dr. Denis Nicole

Laboratories (weeks 1-12)

12 lectures (weeks 7-12)

3 exam questions

Real-Time Computing & Embedded Systems

Iain McNally

- Content
  - Introduction.
    - - real-time issues.
  - Architecture review and interfacing.
  - Interrupts, Traps and Event handling.
  - Real-time clocks.
- Notes & Resources
  - `http://www.ecs.soton.ac.uk/~bim/notes/rtc`
  - `https://www.ecs.soton.ac.uk/notes/cm307`

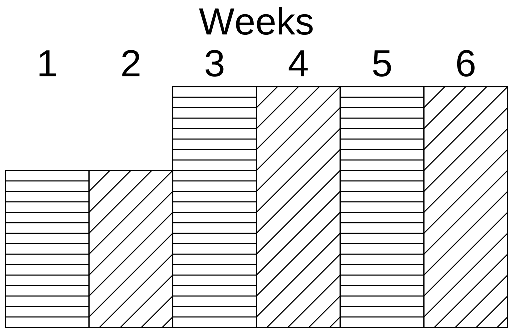
Real-Time Computing & Embedded Systems

Iain McNally

- Timetable
  - Weeks 1-6

Monday	Tuesday	Wednesday	Thursday	Friday
				RTC Nuff F
	RTC Law 4003 / LAB			
	RTC LAB			
	RTC LAB			

Tuesday Lab Sessions



- Books – to support coursework and lectures (weeks 1-6)
  - **The Art of Electronics** *chapters 11 & 12*
    Paul Horowitz and Winfield Hill
    Cambridge University Press 1989
  - **The C Programming Language** *or* *another book on C*
    Brian Kernighan and Dennis Ritchie
    Prentice-Hall
  - **Java in a Nutshell** *leading edge stuff!*
    David Flanagan
    O'Reilly 1997