





## What do we cover?

1. Digital Building Blocks  
number systems, data representation, logic gates, machine code, architectures, history, ...
2. C Programming  
functions, compiling, system oriented (Unix, Linux), ...
3. PeANUT computer  
architecture, registers, machine and assembly language, procedures, exceptions...
4. Memory Systems and Modern Architectures  
virtual memory, page replacement, latency, cache, ...
5. Operating System Concepts  
processes, scheduling, devices, file systems ...
6. Interconnection Networks  
communication model, switched/packet, Ethernet

## What now... things to do

- register for a laboratory group with <http://cs.anu.edu.au/streams>
- select texts (C, computer systems)
- have a look at the course's web site
- inspect phorum
- have a look at number systems (link on web site)