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# Microprocessor Systems

24 lectures

Iain McNally

Mountbatten 2031  
x23124

# Microprocessor Systems

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- Content

- Microprocessor Arithmetic
- Microprocessor Architecture
- Control Unit Design
- Pipeline RISC Design

- Notes & Resources

- `~bim/script/notes_bim ups`
- `http://www.ecs.soton.ac.uk/~bim/notes/ups`

# Microprocessor Systems

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- Assessment

- Coursework  $\approx 20\%$
- Exam  $\approx 80\%$

- Book

- **Computer Organization & Design:**

The Hardware/Software Interface

David A. Patterson & John L. Hennessy

Morgan Kaufmann