

Welcome to your Computer Science course

Computer Science

Registration

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Michaelmas 2011

CST Part IA, NST Part IA, PPST Part I

The Computer Laboratory

Faculty of Computer Science and Technology



William Gates Building
JJ Thomson Avenue
Cambridge CB3 0FD

<http://www.cl.cam.ac.uk/>

Registration – what to do and take away from here

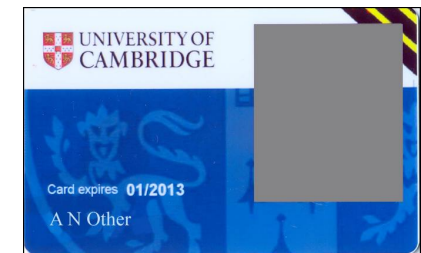
Please make sure that you

- ▶ have added your name to the list at the front desk
- ▶ have picked up
 - ▶ Part IA Computer Science Tripos Syllabus & Booklist (a yellow booklet)
 - ▶ timetable, handout

Also available at: <http://www.cl.cam.ac.uk/teaching/>

- ▶ come **this afternoon at 14:00** to **Lecture Theatre 1 of the Computer Laboratory** for your first ML practical session
 - ▶ bring your University Card, UCAS Number, CRSid, Desktop Services (PWF) password, Raven password
- ▶ **keep Thursday afternoons free** of any supervisions, other practical classes, football, rowing, etc.

University Card



- ▶ Pick up from your college
- ▶ Opens various doors, including “Intel Lab” at the Computer Laboratory
- ▶ Register your University Card with the Computer Laboratory librarian, so you can borrow textbooks there (“book locker”).
- ▶ Discounted fare on Uni4 + Citi4 buses

<http://www.admin.cam.ac.uk/offices/misd/univcard/>

The many types of first-year Computer Science students

Computer Science Tripos Part IA

- ▶ Computer Science with Mathematics
 - ▶ Papers 1 + 2 for Part IA Computer Science Tripos
 - ▶ Papers 1 + 2 for Part IA Mathematical Tripos

Note: this option does *not* lead to Part IB of the Mathematical Tripos
- ▶ Other CST students
 - ▶ Papers 1 + 2 for Part IA Computer Science Tripos
 - ▶ Mathematics for Part IA Natural Sciences Tripos
 - ▶ One of
 - ▶ Physics for Part IA Natural Sciences Tripos
 - ▶ Chemistry
 - ▶ Evolution and Behaviour
 - ▶ Earth Sciences
 - ▶ Physiology of Organisms
 - ▶ Paper 3 for Part I Politics, Psychology and Sociology

Natural Sciences Tripos Part IA (Computer Science option)

- ▶ Paper 1 for Part IA Computer Science Tripos

Politics, Psychology and Sociology Part I (Introduction to CS)

- ▶ Paper 1 for Part IA Computer Science Tripos

Weekly lecture schedule

	Mo	Tu	We	Th	Fr	Sa
9	Ph	Ma	Ph	Ma	Ph	Ma
10	C1	Ch	C1	Ch	C1	Ch
11	ES	EB	ES	EB	ES	EB
12	C2	Po	C2	Po	C2	Po

- C1 **Computer Science Paper 1** – clashes with Biology of Cells
- C2 **Computer Science Paper 2** – clashes with Materials and Minerals Science
- Ph **Physics**
- Ma **Mathematics for NST**
- EB **Evolution and Behaviour**
- Po **Physiology of Organisms**
- Ch **Chemistry / Mathematics**
- ES **Earth Sciences / Mathematics**

Computer Science lectures in Michaelmas term

Paper 1: Arts School Room A, Mo/We/Fr 10:05-10:55

- ▶ Computer Fundamentals (4 lectures) – Dr Robert Harle
- ▶ Foundations of Computer Science (15 lectures) – Prof Larry Paulson
- ▶ Discrete Mathematics I (9 lectures, cont. in Lent) – Dr Sam Staton

Paper 2: Hopkinson lecture theatre, Mo/We/Fr 12:05-12:55

- ▶ Digital Electronics (11 lectures) – Dr Ian Wassell
- ▶ Operating Systems (13 lectures) – Prof Ian Leslie

Assessed practical work

The Paper 1 lectures *Foundations of Computer Science* (ML) and next term also *Programming in Java*, and the Paper 2 lecture *Digital Electronics* (hardware) have associated assessed exercises (“ticks”).

You will have to discuss each solution with a local expert (“ticker”), who will approve your submitted work. Your ticks are taken into account in the first-year examinations. You need 10 ticks per paper.

- ▶ Computer Science Paper 1 and 2:
 - ▶ ML under Windows (5 ticks) – Dr Frank King
 - ▶ Java under Unix (5 ticks in Lent) – Dr Alastair Beresford, Dr Andrew Rice
- ▶ Computer Science Paper 2 only:
 - ▶ Hardware (7 ticks) – Dr Ian Wassell, Mr Nick Batterham
 - ▶ ML under Windows (1 more tick)
 - ▶ Java under Unix (2 more ticks)

Thursdays

Practical sessions take place Thursdays in the William Gates Building.

Keep Thursday afternoons free!

Thursdays are very busy, often until after 18:00:

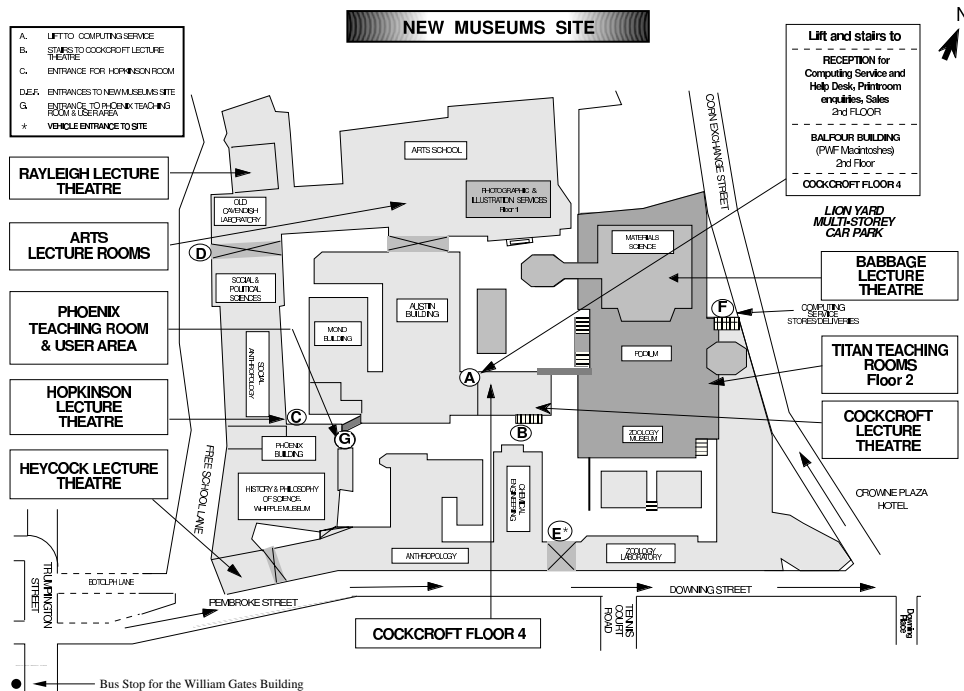
- ▶ talks leading up to practical work (Lecture Theatre 1)
- ▶ practical work and assessment (Intel Lab)
- ▶ occasional related concluding lectures (Lecture Theatre 1)

The first session is **this afternoon** in Lecture Theatre 1, where Dr Frank King will explain detailed arrangements and scheduling.

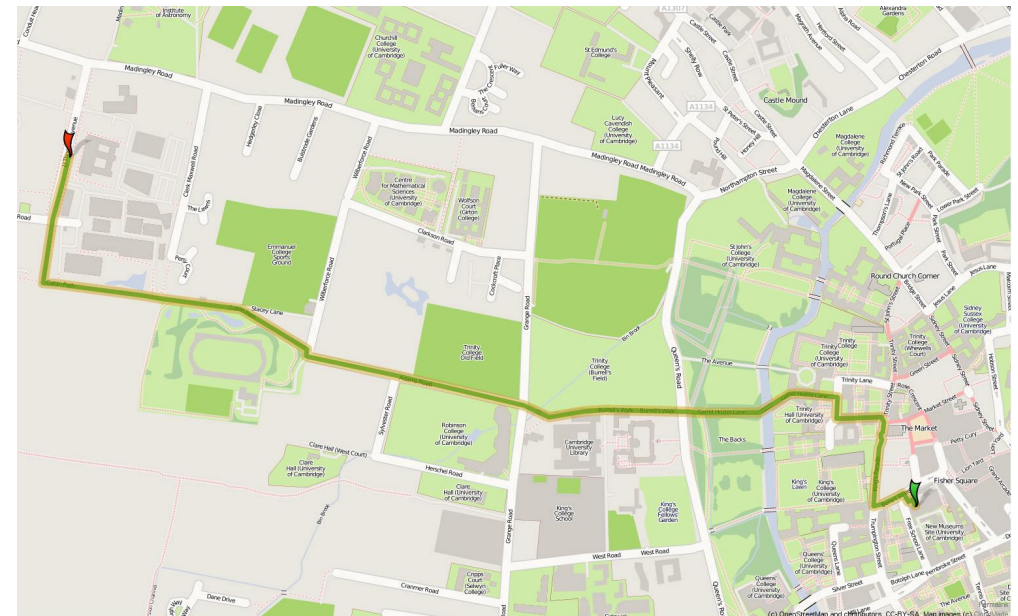
You should take home your first ML tick there **today**.

Hardware practicals (for Paper 2) start on the 3rd or 4th Thursday (20/27 Oct 2011) at either 10:30 or 13:30, depending on which group we assign you too, and last 2.5 hours.

<http://www.cl.cam.ac.uk/teaching/current/MLuWindows/>
<http://www.cl.cam.ac.uk/teaching/current/Hardware/>



Cycling route to the William Gates Building



<http://www.camcycle.org.uk/map/journey/>