Computer Science

Registration

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Mrs Dinah Pounds, Mrs Megan Sammons (student-admin@cl.cam.ac.uk)

Michaelmas 2011

CST Part IA, NST Part IA, PPST Part I



Welcome to your Computer Science course

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.



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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)



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	Мо	Tu	We	Th	Fr	Sa
9						
10						
11						
12						

	Мо	Tu	We	Th	Fr	Sa
9						
10	C1		C1		C1	
11						
12						

C1 Computer Science Paper 1 – clashes with Biology of Cells

	Мо	Tu	We	Th	Fr	Sa
9						
10	C1		C1		C1	
11						
12	C2		C2		C2	

- C1 Computer Science Paper 1 clashes with Biology of Cells
- C2 Computer Science Paper 2 clashes with Materials and Minerals Science

	Мо	Tu	We	Th	Fr	Sa
9	Ph		Ph		Ph	
10	C1		C1		C1	
11						
12	C2		C2		C2	

- C1 Computer Science Paper 1- clashes with Biology of Cells
- C2 Computer Science Paper 2 clashes with Materials and Minerals Science
- Ph Physics

	Мо	Tu	We	Th	Fr	Sa
9	Ph	Ma	Ph	Ma	Ph	Ma
10	C1		C1		C1	
11						
12	C2		C2		C2	

C1 Computer Science Paper 1- clashes with Biology of Cells

C2 Computer Science Paper 2 – clashes with Materials and Minerals Science

Ph Physics Ma Mathem

Mathematics for NST

	Мо	Tu	We	Th	Fr	Sa
9	Ph	Ма	Ph	Ма	Ph	Ма
10	C1		C1		C1	
11		EB		EB		EB
12	C2		C2		C2	

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- C2 Computer Science Paper 2 clashes with Materials and Minerals Science
- Ph Physics
- Ma Mathematics for NST
- EB Evolution and Behaviour

	Мо	Tu	We	Th	Fr	Sa
9	Ph	Ма	Ph	Ма	Ph	Ма
10	C1		C1		C1	
11		EB		EB		EB
12	C2	Ро	C2	Ро	C2	Ро

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- Ma Mathematics for NST
- EB Evolution and Behaviour
- Po Physiology of Organisms

	Мо	Tu	We	Th	Fr	Sa
9	Ph	Ма	Ph	Ма	Ph	Ма
10	C1	Ch	C1	Ch	C1	Ch
11		EB		EB		EB
12	C2	Ро	C2	Ро	C2	Ро

- 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

	Мо	Tu	We	Th	Fr	Sa
9	Ph	Ма	Ph	Ма	Ph	Ма
10	C1	Ch	C1	Ch	C1	Ch
11	ES	EB	ES	EB	ES	EB
12	C2	Ро	C2	Ро	C2	Ро

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- ES Earth Sciences / Mathematics

	Мо	Tu	We	Th	Fr	Sa
9	Ph	Ма	Ph	Ма	Ph	Ма
10	C1	Ch	C1	Ch	C1	Ch
11	ES	EB	ES	EB	ES	EB
12	C2	Ро	C2	Ро	C2	Ро

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- 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)

http://www.cl.cam.ac.uk/teaching/exams/headofdeptnotices.pdf



Thursdays

Practical sessions take place Thursdays in the William Gates Building.

Keep Thursday afternoons free!

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

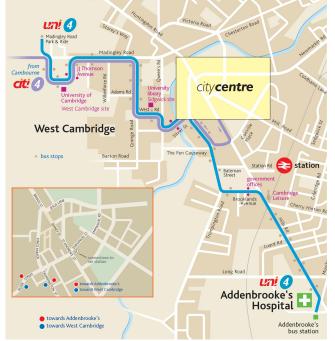
- ▶ talks leading up to practical work (Lecture Theatre 1)
- practical work and assessment (Intel Lab)
- occasional related concluding lectures (Lecture Theatre 1)

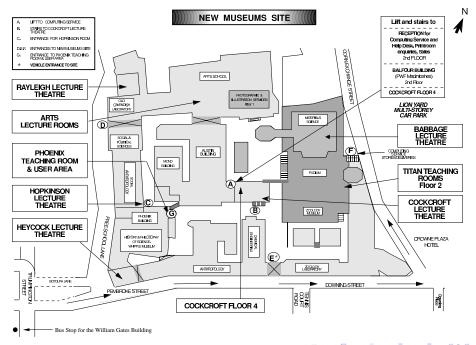
The first session is **this afternoon** in Lecture Theatre 1, where Dr Frank King will explain detailed arrangements and scheduling.

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

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

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http://www.cl.cam.ac.uk/teaching/current/MLuWindows/http://www.cl.cam.ac.uk/teaching/current/Hardware/
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Cycling route to the William Gates Building



