

## Lectures proposed by the Computer Science Syndicate

For particulars of the University Composition Fee and of the fees payable for attendance at separate courses of lectures see p. 2. Graduates of the University who are not reading for any University examination may attend without payment any lecture proposed by the Computer Science Syndicate. Attention is drawn to the courses for the Mathematical Tripos, Part IA (Computer Science Option) given on p. 145.

### COMPUTER SCIENCE TRIPOS

MICHAELMAS 2005

LENT 2006

EASTER 2006

#### PART IA

##### Regulation 10(d)(i)(the 50% Option)

Year I Coordinator: Dr F. H. King (email fhk1@cam.ac.uk)

*Lectures will be delivered in the Heycock Room, New Museums Site, unless otherwise stated*

Candidates taking Part IA of the Computer Science Tripos under Regulation 10(d)(i) (the 50% Option) are also required to offer the papers set for the subject Mathematics in Part IA of the Natural Sciences Tripos and the papers, and practical examination if any, set for one of the following subjects in Part IA of the Natural Sciences Tripos<sup>1</sup>: Chemistry, Evolution and Behaviour<sup>2</sup>, Geology, Physics, and Physiology of Organisms.

DR F. H. KING AND MISS C. H. NORTHEAST  
Registration<sup>3</sup>. Th. 12 (One lecture)

MR R. J. STIBBS  
Overview. F. 10 (One lecture)

DR S. W. MOORE  
Digital Electronics. M. W. F. 10 (Eleven lectures, beginning 10 Oct.)

PROF. P. ROBINSON  
Discrete Mathematics I. M. W. F. 10 (Twelve lectures, beginning 4 Nov.) *Hopkinson Lecture Room*

PROF. A. HOPPER  
Introduction to Computer Science. F. 12 (One lecture)

PROF. L. C. PAULSON  
Foundations of Computer Science. M. W. F. 12 (Fifteen lectures, beginning 10 Oct.)

DR S. M. HAND  
Operating Systems I. M. W. F. 12 (Eight lectures, beginning 14 Nov.)

#### Practical work and afternoon classes

DR F. H. KING, MISS C. H. NORTHEAST AND MR R. J. STIBBS  
Practical ML under Windows. Th. 2–4 or 4–6 (Two Thursday classes) *Lecture Theatre 1, William Gates Building*

PROF. L. C. PAULSON AND DR F. H. KING  
Programming Practical Class. Th. 2–4 (Three fortnightly classes, beginning 20 Oct. or 27 Oct.) *Cockcroft Building, Floor 4*  
Assessed Exercise Work. M. W. F. 11, M. or W. or F. 2–4 *Cockcroft Building, Floor 4*

DR D. J. GREAVES AND OTHERS  
Hardware Practical Class<sup>4</sup>. Th. 10–1 or 2–5 (Three fortnightly classes, beginning 20 Oct. or 27 Oct.) *Cockcroft Building, Floor 4*

DR A. C. NORMAN AND OTHERS  
How to Study Computer Science. Th. 5 (One lecture, 20 Oct.) *Arts School, Room A, Bene't Street*

DR F. H. KING  
Tick-Four Briefing. Th. 5 (One lecture, 27 Oct.) *Hopkinson Lecture Room*

DR R. G. ROSS  
Help Sessions. Th. 5 (Four classes, beginning 3 Nov.) *Hopkinson Lecture Room*

PROF. G. WINSKEL  
Discrete Mathematics II. M. W. F. 10 (Twelve lectures) *Hopkinson Lecture Room*

PROF. G. WINSKEL AND OTHERS  
Discrete Mathematics Seminars. Tu. or Th. 10–2 (Four one hour classes, beginning 24 Jan. or 26 Jan.) *Hopkinson Lecture Room*

DR A. F. BLACKWELL  
Software Design. M. W. F. 10 (Six lectures, beginning 17 Feb.) *Hopkinson Lecture Room*

PROF. A. M. PITTS  
Regular Languages and Finite Automata. M. W. F. 10 (Six lectures, beginning 3 Mar.) *Hopkinson Lecture Room*

DR S. M. HAND  
Operating Systems I continued. M. W. F. 12 (Eight lectures)

DR A. C. NORMAN  
Programming in Java. M. W. F. 12 (Sixteen lectures, beginning 8 Feb.)

DR F. H. KING AND DR A. C. NORMAN  
Programming Practical Class. Th. 2–4 (Four fortnightly classes, beginning 19 Jan. or 26 Jan.) *Cockcroft Building, Floor 4*  
Assessed Exercise Work. M. W. F. 11, M. or W. or F. 2–4 *Cockcroft Building, Floor 4*

DR D. J. GREAVES AND OTHERS  
Hardware Practical Class. Th. 10–1 or 2–5 (Four fortnightly classes, beginning 19 Jan. or 26 Jan.) *Cockcroft Building, Floor 4*

DR R. J. DOWLING  
How to Install Linux. Th. 5 (One lecture, 9 Feb.) *Hopkinson Lecture Room*

DR N. A. DODGSON  
Revision Skills. Th. 5 (One lecture, 9 Mar.) *Arts School, Room A, Bene't Street*

MR N. BAILEY, PROF. SIR MAURICE WILKES, PROF. I. M. LESLIE AND PROF. A. J. R. G. MILNER  
Computer Perspectives. F. 10 *Hopkinson Lecture Room*

DR R. C. JENNINGS  
Professional Practice and Ethics. M. W. 10 *Hopkinson Lecture Room*

DR F. H. KING  
Examination Briefing. W. 11 (One lecture, 24 May) *Hopkinson Lecture Room*

DR K. A. FRASER  
Algorithms. M. W. F. 12

DR F. H. KING AND DR A. C. NORMAN  
Programming Practical Class. Th. 1–4 *Cockcroft Building, Floor 4*  
Assessed Exercise Work. M. W. F. 11, M. or W. or F. 2–4 *Cockcroft Building, Floor 4*

DR A. C. NORMAN AND DR J. K. FAWCETT  
Part IB Assessed Exercise Briefing. Th. 4, 30 (One lecture, 18 May) *Arts School, Room A, Bene't Street*

<sup>1</sup> It is particularly important that students register for the practical classes for their appropriate Natural Sciences bench subject.

<sup>2</sup> It is not possible for those reading Evolution and Behaviour to attend the Michaelmas Term Computing course which is associated with subject Mathematics in the Natural Sciences Tripos. Alternative arrangements will be explained in the first lecture on Practical ML under Windows at 2 p.m. on 5 October.

<sup>3</sup> It is not possible for those reading Physiology of Organisms to attend the Registration session. These students will be registered at the first lecture on Practical ML under Windows at 2 p.m. on 6 October.

<sup>4</sup> Those reading Physics normally attend the Thursday morning Hardware Practical Classes. Those reading other bench subjects should attend the Thursday afternoon Hardware Practical Classes.

The above timetable also means that it is essential *not* to arrange Supervisions, Natural Sciences Tripos practical classes, or any other activities, on Thursday afternoons.

## Computer Science Syndicate (continued)

### COMPUTER SCIENCE TRIPOS PART IA AND PART IB

MICHAELMAS 2005

LENT 2006

EASTER 2006

#### PART IA

Year 1 Coordinator: Dr F. H. King (email fhk1@cam.ac.uk)

##### Regulation 10(d)(ii)(the 25% Option)

*Lectures will be delivered in the Heycock Room, New Museums Site, unless otherwise stated*

Candidates taking Part IA of the Computer Science Tripos under Regulation 10(d)(ii) (the 25% Option) are also required to offer the papers set for the subject Mathematics in Part IA of the Natural Sciences Tripos and the papers, and practical examinations if any, set for two of the following subjects in Part IA of the Natural Sciences Tripos<sup>1</sup>: Biology of Cells, Chemistry, Evolution and Behaviour<sup>2</sup>, Geology, Physics, and Physiology of Organisms.

DR F. H. KING AND MISS C. H. NORTHEAST

Registration<sup>3</sup>. Th. 12 (One lecture)

PROF. A. HOPPER

Introduction to Computer Science. F. 12 (One lecture)

PROF. L. C. PAULSON

Foundations of Computer Science. M. W. F. 12  
(Fifteen lectures, beginning 10 Oct.)

DR S. M. HAND

Operating Systems I. M. W. F. 12 (Eight lectures,  
beginning 14 Nov.)

##### Practical work and afternoon classes

DR F. H. KING, MISS C. H. NORTHEAST AND MR R. J. STIBBS

Practical ML under Windows. Th. 2–4 or 4–6 (Two  
Thursday classes) *Lecture Theatre 1, William Gates  
Building*

PROF. L. C. PAULSON AND DR F. H. KING

Programming Practical Class. Th. 2–4 (Three  
fortnightly classes, beginning 20 Oct. or 27 Oct.)  
*Cockcroft Building, Floor 4*

Assessed Exercise Work. M. W. F. 11, M. or W. or  
F. 2–4 *Cockcroft Building, Floor 4*

DR A. C. NORMAN AND OTHERS

How to Study Computer Science. Th. 5 (One lecture,  
20 Oct.) *Arts School, Room A, Bene't Street*

DR F. H. KING

Tick-Four Briefing. Th. 5 (One lecture, 27 Oct.)  
*Hopkinson Lecture Room*

DR R. G. ROSS

Help Sessions. Th. 5 (Four classes, beginning 3 Nov.)  
*Hopkinson Lecture Room*

DR S. M. HAND

Operating Systems I continued. M. W. F. 12  
(Eight lectures)

DR A. C. NORMAN

Programming in Java. M. W. F. 12 (Sixteen  
lectures, beginning 8 Feb.)

DR F. H. KING AND DR A. C. NORMAN

Programming Practical Class. Th. 2–4 (Four  
fortnightly classes, beginning 19 Jan. or  
26 Jan.) *Cockcroft Building, Floor 4*  
Assessed Exercise Work. M. W. F. 11, M. or  
W. or F. 2–4 *Cockcroft Building, Floor 4*

DR R. J. DOWLING

How to Install Linux. Th. 5 (One lecture,  
9 Feb.) *Hopkinson Lecture Room*

DR N. A. DODGSON

Revision Skills. Th. 5 (One lecture, 9 Mar.)  
*Arts School, Room A, Bene't Street*

DR F. H. KING

Examination Briefing. W. 11 (One lecture,  
24 May) *Hopkinson Lecture Room*

DR K. A. FRASER

Algorithms. M. W. F. 12

DR F. H. KING AND DR A. C. NORMAN

Programming Practical Class. Th. 1–4 (Two  
fortnightly classes, beginning 27 Apr. or  
4 May) *Cockcroft Building, Floor 4*  
Assessed Exercise Work. M. W. F. 11, M. or  
W. or F. 2–4 *Cockcroft Building, Floor 4*

DR A. C. NORMAN AND DR J. K. FAWCETT

Part IB Assessed Exercise Briefing. Th. 4.30  
(One lecture, 18 May) *Arts School,  
Room A, Bene't Street*

#### PART IB

Year 2 Coordinator: Dr A. F. Blackwell (email afb21@cam.ac.uk)

*Lectures will be delivered in Lecture Theatre 1, William Gates Building, unless otherwise stated*

DR M. G. KUHN

Unix Tools. Tu. Th. 9 (Eight lectures)

DR M. R. O'DONOHUE

Numerical Analysis I. Tu. Th. 9 (Eight lectures,  
beginning 3 Nov.)

PROF. L. C. PAULSON

Logic and Proof. Tu. Th. 10 (Twelve lectures)

DR S. W. MOORE

Digital Electronics (for those who have not previously  
attended this course). M. W. F. 10 (Eleven lectures,  
beginning 10 Oct.) *Heycock Room, New Museums  
Site*

DR A. C. NORMAN

Foundations of Functional Programming.  
Tu. Th. 10 (Twelve lectures)

PROF. A. M. PITTS

Computation Theory. M. W. F. 10 (Twelve  
lectures)

DR P. M. SEWELL

Semantics of Programming Languages. M. W.  
F. 10 (Twelve lectures, beginning 17 Feb.)

DR N. A. DODGSON AND OTHERS

Comparative Programming Languages.  
Tu. Th. 11

DR A. C. NORMAN

Complexity Theory. M. W. F. 10

PROF. M. J. C. GORDON

Project Briefing I. Tu. 10 (One lecture,  
23 May)

PROF. R. J. ANDERSON AND MR N. D. F. BOHM

Economics and Law. Tu. Th. 11 *Lecture  
Theatre 2*

DR S. B. HOLDEN

Artificial Intelligence I. M. W. F. 11

DR M. G. KUHN

Introduction to Security. Tu. Th. 12

<sup>1</sup> It is particularly important that students register for the practical classes for their appropriate Natural Sciences bench subject.

<sup>2</sup> It is not possible for those reading Evolution and Behaviour to attend the Michaelmas Term Computing course which is associated with subject Mathematics in the Natural Sciences Tripos. Alternative arrangements will be explained in the first lecture on Practical ML under Windows at 2 p.m. on 6 October.

<sup>3</sup> It is not possible for those reading Physiology of Organisms to attend the Registration session. These students will be registered at the first lecture on Practical ML under Windows at 2 p.m. on 6 October.

The above timetable also means that it is essential *not* to arrange Supervisions, Natural Sciences Tripos practical classes, or any other activities, on Thursday afternoons.

## Computer Science Syndicate (continued)

## COMPUTER SCIENCE TRIPOS PART 1B (continued) AND PART II

MICHAELMAS 2005

LENT 2006

EASTER 2006

DR R. J. GIBBENS  
Mathematical Methods for Computer Science. M. W. F.  
10 (Twelve lectures, beginning 4 Nov.)

DR S. M. HAND  
Operating Systems II. Tu. Th. 11 (Eight lectures)

DR J. K. FAWCETT  
Concurrent Systems and Applications. M. W. F. 11

DR S. W. MOORE  
Computer Design. Tu. Th. 12

DR S. W. MOORE  
ECAD. M. W. F. 12 (Four lectures)

DR F. M. STAJANO  
Data Structures and Algorithms. M. W. F. 12  
(Sixteen lectures, beginning 17 Oct.)

PROF. R. J. ANDERSON AND OTHERS  
Group Project Briefing. W. F. 12 (Two lectures,  
beginning 23 Nov.)

**Practical work and afternoon classes**

DR S. W. MOORE AND DR D. J. GREAVES  
ECAD and Architecture Practical Class. Tu. or F. 2–4  
(Eight classes, beginning 7 Oct. or 11 Oct.) Intel  
Laboratory

DR D. J. GREAVES AND OTHERS  
Hardware Practical Class (for those who have not  
previously attended this course). Th. 2–5 (Three  
fortnightly classes, beginning 20 Oct. or 27 Oct.)  
*Cockcroft Building, Floor 4, New Museums Site*

DR N. A. DODGSON  
Computer Graphics and Image Processing.  
M. W. F. 11 (Sixteen lectures, beginning  
8 Feb.)

PROF. I. M. LESLIE  
Digital Communication I. Tu. Th. 12

DR T. G. GRIFFIN  
Compiler Construction. M. W. F. 12  
(Eighteen lectures)

PROF. R. J. ANDERSON  
Group Project Inaugural Meeting. Th. 2  
(One class)

PROF. R. J. ANDERSON AND OTHERS  
Group Project Syndicate Meetings. W. or Th.  
or F. 2 or 3 or 4 or 5 (Three fortnightly  
meetings of one hour, beginning 1 Feb. or  
2 Feb. or 3 Feb.)  
*William Gates Building, various rooms*

DR A. F. BLACKWELL  
How (not) to give a Presentation. Tu. 2 (One  
lecture, 7 Feb.)

PROF. R. J. ANDERSON AND OTHERS  
Group Project Demonstrations. W. 2–4 (One  
session, 8 Mar.) *Intel Laboratory*  
Group Project Presentations. W. 4.15 (One  
session, 8 Mar.)

DR D. J. GREAVES AND OTHERS  
Hardware Practical Class continued (for those  
who have not previously attended this  
course). Th. 2–5 (Four fortnightly  
classes, beginning 19 Jan. or 26 Jan.)  
*Cockcroft Building, Floor 4, New  
Museums Site*

DR T. G. GRIFFIN  
Databases. M. W. F. 12

## PART II

Year 3 Coordinator: Prof. M. J. C. Gordon (email mjcg@cl.cam.ac.uk)

*Lectures will be delivered in Lecture Theatre 2, William Gates Building, unless otherwise stated*

PROF. M. J. C. GORDON  
Project Briefing II. Th. 9 (One lecture)

PROF. J. A. CROWCROFT  
Digital Communication II. M. W. F. 9

PROF. R. J. ANDERSON  
Security. Tu. Th. 10

DR J. G. DAUGMAN  
Information Theory and Coding. M. W. F. 10  
(Twelve lectures)

DR M. G. KUHN  
Digital Signal Processing. M. W. F. 10 (Twelve lectures,  
beginning 4 Nov.)

DR S. H. TEUFEL  
Information Retrieval. Tu. Th. 11 (Eight lectures)

DR A. F. BLACKWELL  
Human–Computer Interaction. M. W. F. 11 (Eight  
lectures)

DR S. B. HOLDEN  
Artificial Intelligence II. M. W. F. 11 (Sixteen lectures,  
beginning 26 Oct.)

DR A. A. COPESTAKE  
Natural Language Processing. Tu. Th. 11 (Eight  
lectures, beginning 3 Nov.)

PROF. G. WINSKEL  
Denotational Semantics. Tu. Th. 12 (Eight lectures)

DR R. J. GIBBENS  
Computer Systems Modelling. M. W. F. 12 (Twelve  
lectures)

PROF. A. M. PITTS  
Types. Tu. Th. 12 (Eight lectures, beginning 3 Nov.)

PROF. M. J. C. GORDON  
Specification and Verification I. M. W. F. 12 (Twelve  
lectures, beginning 4 Nov.)

PROF. A. HOPPER AND OTHERS  
Additional Topics. Tu. Th. 9

DR P. LIO  
Bioinformatics. M. W. F. 9 (Twelve lectures)  
*Lecture Theatre 1*

DR M. R. O'DONOHUE  
Numerical Analysis II. M. W. F. 9 (Twelve  
lectures, beginning 17 Feb.) *Lecture  
Theatre 1*

PROF. P. ROBINSON  
VLSI Design. Tu. Th. 10

DR D. J. GREAVES  
Comparative Architectures. M. W. F. 10  
(Sixteen lectures)

DR N. A. DODGSON  
How to Write a Dissertation. M. 10 (One  
lecture, 27 Feb.)

MR T. STUART  
Optimising Compilers. Tu. Th. 11

DR L. M. IOANNOU AND OTHERS  
Quantum Computing. M. W. F. 11 (Eight  
lectures)

DR S. M. HAND AND OTHERS  
Advanced Systems Topics. M. W. F. 11  
(Sixteen lectures, beginning 8 Feb.)

PROF. G. WINSKEL  
Topics in Concurrency. Tu. Th. 12

DR J. G. DAUGMAN  
Computer Vision. M. W. F. 12 (Sixteen  
lectures)

**Practical work**

STAFF

Progress Reports. Th. or F. or M. or Tu. 2  
(One session, 9 Feb. or 10 Feb. or 13 Feb.  
or 14 Feb.) *William Gates Building,  
various rooms*

MR J. A. LANG AND OTHERS  
Business Studies. M. W. F. 9  
*Lecture Theatre 1*

PROF. J. M. BACON  
Distributed Systems. Tu. Th. 11  
*Lecture Theatre 1*

DR N. A. DODGSON  
Advanced Graphics. M. W. F. 11

MR J. A. LANG AND OTHERS  
E-Commerce. Tu. Th. 12

PROF. M. J. C. GORDON  
Specification and Verification II.  
M. W. F. 12

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## Computer Science Syndicate (continued)

### COMPUTER SCIENCE TRIPOS, PART II (GENERAL) AND DIPLOMA IN COMPUTER SCIENCE

Diploma and Part II (General) Coordinator: Dr J. K. M. Moody (email km@cl.cam.ac.uk)

*Lectures will be delivered in Lecture Theatre 1, William Gates Building, unless otherwise stated*

MICHAELMAS 2005

LENT 2006

EASTER 2006

DR F. H. KING AND MR R. J. STIBBS  
Java and Unix (*Diploma only*). M. Tu. W. 9–4 (Three classes, beginning 3 Oct.) *Hopkinson Lecture Room, New Museums Site*

PROF. A. HOPPER  
Introduction to Computer Science. Th. 9 (One lecture) *Room FW11, William Gates Building*

DR F. H. KING  
Foundations of Programming (**Diploma only**). F. 9 (One lecture), Tu. W. Th. 9 (Three lectures), S. 9–11 (One lecture), Tu. W. Th. 9 (Six lectures), M. Tu. W. F. (Four lectures) *Hopkinson Lecture Room, New Museums Site*

MR R. J. STIBBS  
Elementary Use of the Unix Teaching Service. S. 9–11 (Three lectures, 8 Oct., 22 Oct., 29 Oct.) *Phoenix Teaching Room, New Museums Site*

DR J. K. M. MOODY  
Mathematics for Computation Theory. M. W. F. 9 (Five lectures, beginning 10 Oct.) *Hopkinson Room, New Museums Site*, M. W. F. 9 (Seven lectures, beginning 7 Nov. and omitting 16 Nov.) *Room FW26, William Gates Building*

DR M. R. O'DONOHUE  
Numerical Analysis I. Tu. Th. 9 (Eight lectures, beginning 3 Nov.) *Lecture Theatre 1, William Gates Building*

PROF. M. J. C. GORDON  
Project Briefing II (**Diploma only**). W. 9 (One lecture, 16 Nov.) *Room FW11, William Gates Building*

DR J. K. M. MOODY AND PROF. M. J. C. GORDON  
Course Overview and Project Briefing I (**Diploma only**). Th. 10 (One lecture) *Room FW26, William Gates Building*

PROF. J. M. BACON  
Operating System Foundations. F. 10 (One lecture), Tu. Th. 10 (Six lectures) *Hopkinson Lecture Room, New Museums Site*, M. W. F. 10 (Nine lectures, beginning 7 Nov.) *Room FW26, William Gates Building*

DR S. W. MOORE  
Digital Electronics. M. W. F. 10 (Eleven lectures, beginning 10 Oct.) *Heycock Room, New Museums Site*

DR A. A. COPESTAKE  
Natural Language Processing. Tu. Th. 11 (Eight lectures, beginning 3 Nov.) *Lecture Theatre 2, William Gates Building*

DR A. F. BLACKWELL  
Software Engineering and Design. M. W. F. 11 (Twelve lectures, beginning 4 Nov.) *Room FW26, William Gates Building*

DR S. W. MOORE  
Computer Design. Tu. Th. 12 *Lecture Theatre 1, William Gates Building*

DR F. M. STAJANO  
Introduction to Algorithms. M. W. F. 12 (Four lectures) *Room FW26, William Gates Building*

DR F. M. STAJANO  
Data Structures and Algorithms. M. W. F. 12 (Sixteen lectures, beginning 17 Oct.) *Lecture Theatre 1, William Gates Building*

PROF. R. J. ANDERSON AND OTHERS  
Group Project Briefing (**Part II (General) only**). W. F. 12 (Two lectures, beginning 23 Nov.) *Lecture Theatre 1, William Gates Building*

#### Practical work and afternoon classes

MR R. J. STIBBS  
Unix and Java Practical Class. F. 2–4 *Cockcroft Building, Floor 4, New Museums Site*

DR D. J. GREAVES AND OTHERS  
Hardware Practical Class. Th. 2–5 (Three fortnightly classes, beginning 20 Oct. or 27 Oct.) *Cockcroft Building, Floor 4, New Museums Site*

DR A. C. NORMAN AND OTHERS  
How to Study Computer Science. Th. 5 (One lecture, 20 Oct.) *Arts School, Room A, Bene't Street*

DR J. K. M. MOODY  
Mathematics for Computation Theory Examples Class. Tu. 2 (Two classes, beginning 18 Oct.), Tu. 2 (Three classes, beginning 8 Nov.) *Room FW26, William Gates Building*

DR M. P. FIORE  
Introduction to Functional Programming. Tu. Th. 9 (Twelve lectures)

DR P. LIÒ  
Bioinformatics. M. W. F. 9 (Twelve lectures)

DR M. R. O'DONOHUE  
Numerical Analysis II. M. W. F. 9 (Twelve lectures, beginning 17 Feb.)

PROF. A. M. PITTS  
Computation Theory. M. W. F. 10 (Twelve lectures)

DR N. A. DODGSON  
How to Write a Dissertation (**Diploma only**). M. 10 (One lecture, 27 Feb.) *Lecture Theatre 2*

DR N. A. DODGSON AND OTHERS  
Comparative Programming Languages. Tu. Th. 11

DR L. M. IOANNOU AND OTHERS  
Quantum Computing. M. W. F. 11 (Eight lectures) *Lecture Theatre 2*

DR N. A. DODGSON  
Computer Graphics and Image Processing. M. W. F. 11 (Sixteen lectures, beginning 8 Feb.)

PROF. I. M. LESLIE  
Digital Communication. Tu. Th. 12

DR T. G. GRIFFIN  
Compiler Construction. M. W. F. 12 (Eighteen lectures)

MR J. A. LANG AND OTHERS  
Business Studies. M. W. F. 9

DR S. W. MOORE  
Examination Briefing. Tu. 9 (One lecture, 23 May) *Lecture Theatre 2*

DR A. C. NORMAN  
Complexity Theory. M. W. F. 10

PROF. J. M. BACON  
Distributed Systems. Tu. Th. 11

DR S. B. HOLDEN  
Artificial Intelligence. M. W. F. 11

DR M. G. KUHN  
Introduction to Security. Tu. Th. 12

DR T. G. GRIFFIN  
Databases. M. W. F. 12

PROF. R. J. ANDERSON  
Group Project Inaugural Meeting (**Part II (General) only**). Th. 2 (One class)

PROF. R. J. ANDERSON AND OTHERS  
Group Project Syndicate Meetings (**Part II (General) only**). W. or Th. or F. 2 or 3 or 4 or 5 (Three fortnightly meetings of one hour, beginning 1 Feb. or 2 Feb. or 3 Feb.) *William Gates Building, various rooms*

DR A. F. BLACKWELL  
How (not) to give a Presentation (**Part II (General) only**). Tu. 2 (One lecture, 7 Feb.)

PROF. R. J. ANDERSON AND OTHERS  
Group Project Demonstrations (**Part II (General) only**). W. 2–4 (One session, 8 Mar.) *Intel Laboratory*

Group Project Presentations (**Part II (General) only**). W. 4.15 (One session, 8 Mar.)

DR D. J. GREAVES AND OTHERS  
Hardware Practical Class continued. Th. 2–5 (Four fortnightly classes, beginning 19 Jan. or 26 Jan.) *Cockcroft Building, Floor 4*