

Lectures proposed by the Board of the Faculty of Engineering

For particulars of the University Composition Fee and of the fees payable at separate courses of lectures, see p. 2.

ENGINEERING TRIPOS

MICHAELMAS 2001

LENT 2002

EASTER 2002

PART IA

First year: for students intending to take Part IA in 2002

The lecture rooms are indicated as follows: *LT0* Lecture theatre 0; *LT1* Lecture theatre 1; *LT2* Lecture theatre 2; *LR3* Lecture room 3; *LR4* Lecture room 4; *LR6* Lecture room 6; *LR10* Lecture room 10.

(A detailed timetable will be displayed in the Department. Further details are also available on the Web at <http://www.eng.cam.ac.uk/teaching/courses/syllabuses.html>.)

Paper 1 (Mechanical Engineering)

DR H. E. M. HUNT *LT0*
Mechanics (Sixteen lectures)

MR K. M. WALLACE *LT0*
Mechanical Vibrations (Four lectures)
PROF. H. P. HODSON AND DR H. BABINKSY *LT0*
Thermofluid Mechanics (Sixteen lectures)

MR K. M. WALLACE
The same continued. (Eight lectures)
The same continued. (Eight lectures)

Paper 2 (Structural Mechanics and Materials)

DR C. R. MIDDLETON *LT0*
Structural Mechanics (Twelve lectures)

PROF. S. PELLEGRINO *LT0*
Structural Mechanics (Twelve lectures)
DR D. A. CARDWELL *LT0*
Materials (Ten lectures)

DR M. P. F. SUTCLIFFE *LT0*
The same continued. (Ten lectures)

Paper 3 (Electrical and Information Engineering)

DR R. A. McMAHON
Linear Circuits and Devices (Sixteen lectures)

The same continued. (Two lectures)
DR F. UDREA *LT0*
The same continued. (Four lectures)

DR D. F. MOORE *LT0*
Electromagnetics (Twelve lectures)

DR R. W. PRAGER *LT1*
Digital Circuits (Sixteen lectures) } in
DR T. WILKINSON *LT2* } parallel
Digital Circuits (Sixteen lectures)

Paper 4 (Mathematics)

DR W. R. GRAHAM (Twelve lectures) } Sixteen
DR A. WHITE (Twelve lectures) *LT2* } lectures
DR P. WOLFE (Sixteen lectures) *LT1* } in parallel

PROF. J. WOODHOUSE *LT0* (Nine lectures)

DR M. C. SMITH *LT0* (Seven lectures)

PROF. N. COLLINGS AND MR K. M. WALLACE *LT1*
Drawing and Design (Eight lectures)
DR J. P. LONGLEY *LT0*
Dimensional Analysis (Three lectures)
DR A. H. GEE *LT0*
Computing (Four lectures)

DR P. J. CLARKSON AND OTHERS
Design of Products *LT0* (Eight lectures)
PROF. M. J. GREGORY AND OTHERS *LT0*
Engineer in Society (Eight lectures)

The same continued. (Four lectures)

DR J. A. WILLIAMS AND OTHERS
Laboratory

The same continued.
Laboratory Signing (to be arranged)
Structural Design Tests (to be arranged)

The same continued.

DR P. J. LONG AND OTHERS
Engineering Applications (Five lectures)
Examples Classes (Eight classes)

The same continued. (Three lectures)
The same continued. (Eight classes)

The same continued. (To be arranged)

Faculty of Engineering (continued)
ENGINEERING TRIPOS, PART IB

MICHAELMAS 2001

LENT 2002

EASTER 2002

Second year: for students intending to take Part IB in 2002

(A detailed timetable will be displayed in the Department. Further details are also available on the Web at <http://www.eng.cam.ac.uk/teaching/courses/syllabuses.html>.)

Paper 1 (Mechanics)

MR A. L. JOHNSON *LTO*
Dynamics (Sixteen lectures)

Paper 2 (Structures)

DR S. D. GUEST *LTO*
Structures (Eight lectures)

Structures (Twelve lectures) *LTO*

Paper 3 (Materials)

DR P. W. BEAUMONT AND DR H. R. SHERCLIFF *LTO*
Materials (Sixteen lectures)

Paper 4 (Thermofluid Mechanics)

DR R. S. CANT *LTO*
Thermofluid Mechanics (Sixteen lectures)

DR T. P. HYNES
The same continued. (Ten lectures)

Paper 5 (Electrical Engineering)

DR R. A. McMAHON *LTO*
Linear Circuits and Devices (Eight lectures)

DR T. FLACK *LTO*
Electrical Power (Twelve lectures)
DR T. COOMBS *LTO*
E. M. Fields and Waves (Six lectures)

Paper 6 (Information Engineering)

DR J. M. MACIEJOWSKI *LTO*
Linear Systems (Fourteen lectures)

DR M. D. MACLEOD *LTO*
Communications (Eight lectures)

Paper 7 (Mathematical Methods)

DR P. A. DAVIDSON *LTO*
Vector Calculus (Fourteen lectures)
T.B.A. *LTO*
Numerical Analysis and Linear Algebra (Eight lectures)

DR S. J. GODSILL *LTO*
Signal and Data Analysis (Six lectures)
DR J. P. LONGLEY *LTO*
Signal and Data Analysis (Six lectures)

Paper 8 (Selected topics)

PROF. N. PHILLIPS
Corporate Strategy (Eight lectures)
Example Classes (Eight classes)
DR P. W. R. BEAUMONT AND OTHERS
Laboratory (to be arranged)
DR P. J. LONG AND OTHERS
Engineering Applications (Four lectures)
DR P. A. SMITH
Matlab practical classes

DR R. W. PRAGER AND OTHERS
Computing Practical Classes
The same continued.

The same continued.

The same continued. (Four lectures)

(All fourteen lectures and two examples classes)
All lectures in LT1/LT2

PROF. R. MAIR AND DR C. J. BURGoyNE
Civil and Structural Engineering
DR V. DESUPANDE
Mechanical Engineering, Manufacture and
Management
PROF. A. HOPPER AND DR F. STAJANO
Information Engineering
DR J. ROBERTSON AND PROF. W. I. MILNE
Electrical Engineering
DR J. P. LONGLEY
Aerothermal Engineering

Faculty of Engineering (continued)

ENGINEERING TRIPOS, PART IIA/ELECTRICAL AND INFORMATION SCIENCES TRIPOS, PART I

MICHAELMAS 2001

LENT 2002

EASTER 2002

Third year: for students intending to take Engineering Tripos, Part IIA/EIST Part I in 2002

(A detailed timetable will be displayed in the Department. Further details are also available on the Web at
<http://www.eng.cam.ac.uk/teaching/course/syllabuses.html>.)

Paper G1 (Soil Mechanics)

Leader: Prof. M. D. Bolton *LR3*
 PROF. M. D. BOLTON
 Soil tests, cam-clay, soil elements (Sixteen lectures)

Paper G2 (Structures)

Leader: Dr C. T. Moreley *LR3*
 DR C. T. MORLEY AND DR C. J. BURGOYNE
 Elastic theory (Twelve lectures)
 DR C. J. BURGOYNE
 Plastic theory (Four lectures)

Paper G3 (Environmental Engineering)

Leader: Dr A. Al-Tabbaa
 DR J. F. A. SLEATH
 Free surface and sediment transfer (Twelve lectures)
 PROF. C. AINGER
 Water quality and pollution (Four lectures)

Paper G4 (Mechanics of Solids)

Leader: Dr T. J. Lu
 DR T. J. LU, DR V. DESHPANDE AND PROF. C. R. CALLADINE
 Continuum mechanics (Sixteen lectures)

Paper G5 (Engineering Materials and Processing)

Leader: Dr H. R. Shercliff *LR3*
 DR C. Y. BARLOW AND DR H. R. SHERCLIFF
 Materials (Sixteen lectures)

Paper G6 (Mechanics of Machines)

Leader: Dr J. A. Williams *LR4*
 DR J. A. WILLIAMS
 Mechanics of contacts (Four lectures)
 DR J. A. WILLIAMS
 Hydrodynamic lubrication (Eight lectures)
 DR M. P. F. SUTCLIFFE
 Mechanics of cams and gears (Four lectures)

Paper G7 (Dynamics and Vibrations)

Leader: Dr H. E. M. Hunt *LR3*
 DR H. E. M. HUNT
 Dynamics (Ten lectures)
 PROF. R. S. LANGLEY
 Lagrange's equations (Six lectures)

Paper G8 (Thermodynamics and Fluid Mechanics)

Leader: Dr T. Nickels *LR3*
 PROF. J. D. DENTON
 Real flows (Four lectures)
 DR T. ALBOUSSIÈRE
 Boundary layer flows (Eight lectures)
 DR T. NICKELS
 In compressible flow (Four lectures)

Paper G9 (Fluid Mechanics)

Leader: Prof. W. N. Dawes *LR4*
 PROF. W. N. DAWES
 1-D compressible flow (Twelve lectures)
 PROF. W. N. DAWES
 Fluid flow (Four lectures)

Paper G10 (Energy and Power generation)

Leader: Prof. J. B. Young *LR10*
 PROF. J. B. YOUNG
 Power generation (Four lectures)
 DR A. MASTORAKOS
 Combustion (Eight lectures)
 PROF. N. COLLINGS
 I. C. Engines (Four lectures)

PROF. R. J. MAIR AND DR K. SOGA
 Consolidation, symmetry, plastic yielding
 (Sixteen lectures)

The same continued. (Six lectures)
 MR F. A. McROBIE
 Stability theory (Ten lectures)

MR F. A. McROBIE
 Water quality and pollution. (Four lectures)
 DR A. AL-TABBAA
 Groundwater (Twelve lectures)

DR V. DESHPANDES
 Continuum mechanics (Four lectures)
 DR J. LEES
 Computational methods (Twelve lectures)

The same continued. (Sixteen lectures)

DR M. P. F. SUTCLIFFE AND DR D. J. COLE
 Power transmission systems (Sixteen lectures)

PROF. J. WOODHOUSE
 Vibrations (Eight lectures)
 DR M. HARDY
 The same continued. (Eight lectures)

The same continued. (Eight lectures)
 DR H. BABINSKY
 Applications to external flows (Eight lectures)

DR T. P. HYNES
 2-D compressible flow (Eight lectures)
 DR J. P. LONGLEY
 Turbomachinery (Six lectures)

The same continued. (Four lectures)
 PROF. J. B. YOUNG
 Steam cycles (Eight lectures)
 DR G. T. PARKS
 Nuclear energy (Four lectures)

Faculty of Engineering (continued)

ENGINEERING TRIPOS, PART II_A/ELECTRICAL AND INFORMATION SCIENCES TRIPOS,
PART I (continued)

MICHAELMAS 2001

LENT 2002

EASTER 2002

Paper G11 (Economics)

Leader: Dr J. Runde *LT2*
 DR C. PITELIS
 Introduction to microeconomics (Six lectures)
 DR J. RUNDE
 Industrial economics (Twelve lectures)

Paper G12 (Management Science)

Leader: Dr C. W. Hope *LT2*
 DR S. SHOLTES
 Stochastic models (Twelve lectures)
 Project management (Four lectures)

Paper G13 (Technology, Work and Society)

Leader: Mr C. Gill *LR4 and Judge Institute LT1*
 MS J. FRANCES AND DR M. R. JONES
 Industrial sociology (Twelve lectures)
 The information society (Four lectures)

Paper E1 (Electric Circuits)

Leader: Dr P. A. Robertson *LT2*
 DR P. A. ROBERTSON
 Analogue circuit techniques (Eight lectures)
 DR F. UDREA
 Logic circuits (Eight lectures)

Paper E2 (Power Electronics, Power Systems and Drives)

Leader: Dr R. A. McMahon *LR4*
 DR R. A. McMAHON
 Power electronics (Twelve lectures)
 DR T. COOMBS
 Electrical drives (Four lectures)

Paper E3 (Electronic and Optical Devices)

Leader: Prof. W. T. Milne *LT2*
 DR P. MIGLIORATO AND PROF. W. I. MILNE
 Semiconductors (Sixteen lectures)

Paper E4 (Control and Signal Processing)

Leader: Dr M. C. Smith *LT2*
 DR M. C. SMITH
 Discrete time systems (Eight lectures)
 DR J. LYGEROS
 Linear algebra (Four lectures)

 PROF. K. GLOVER
 State-space methods (Four lectures)

Paper E5 (Communication Systems)

Leader: Prof. A. Hopper *LT2/LT0*
 DR I. WASSELL
 Analogue modulation and noise (Eight lectures)
 DR T. WILKINSON
 Communication networks (Eight lectures)

Paper E6 (Computing Systems)

Leader: Prof. R. Cipolla *LT2*
 DR A. H. GEE
 Computer architecture (Eight lectures)
 DR T. W. DRUMMOND
 Software engineering (Eight lectures)

For all students:

Laboratory/coursework. W. F. 11-1, 2,15-4,15
 (weeks 1-8)

DR M. KITSON
 Macroeconomic environment
 (Fourteen lectures)

DR D. RALPH
 Forecasting and regression (Six lectures)
 Decision analysis and linear programming
 (Ten lectures)

MR C. GILL
 New technology and the workplace (Eight
 lectures)

DR C. HOPE AND MS H. CRUICKSHANK
 Technology and environment (Eight lectures)

DR D. M. HOLBURN
 Digital circuits (Eight lectures)
 PROF. I. WHITE
 Optical circuits (Eight lectures)

The same continued. (eight lectures)
 PROF. G. AMARATUNGA
 Power systems (Eight lectures)

PROF. W. CROSSLAND
 Characteristics of light (Ten lectures)
 DR R. PENTY
 Photonic devices (Six lectures)

PROF. K. GLOVER
 State-space methods (Eight lectures)
 DR S. J. GODSILL
 Signal estimation (Four lectures)
 Random signal theory (Four lectures)

DR I. WASSELL
 Baseband transmission (Eight lectures)
 DR T. W. DRUMMOND
 Source coding (Eight lectures)

MR P. SMITH
 Software engineering II (Eight lectures)
 T.B.A.
 Artificial intelligence (Eight lectures)

The same continued. (Weeks 1-4)

Projects (to be arranged)

Faculty of Engineering (continued)

ENGINEERING TRIPOS, PART II_B/ELECTRICAL AND INFORMATION SCIENCES TRIPOS, PART II

MICHAELMAS 2001

LENT 2002

EASTER 2002

<p>Module A1 (Petroleum engineering) PROF. A. C. PALMER (Leader)</p>	<p>Module A4 (Ground engineering) PROF. R. MAIR (Leader), DR A. AL-TABBAA AND DR J. STANDING</p>	
<p>Module A2 (Lightweight structures) PROF. S. PELLEGRINO (Leader) AND PROF. I. LIDDEL</p>	<p>Module A6 (Structural dynamics and earthquake engineering) MR F. A. McROBIE AND DR S. P. G. MADABUSHI (Leader)</p>	
<p>Module A5 (Foundation engineering) DR A. AL-TABBAA (Leader) AND DR J. STANDING</p>	<p>Module A8 (Prestressed concrete) DR C. J. BURGOYNE (Leader)</p>	
<p>Module A7 (Concrete and masonry structures) DR C. T. MORLEY (Leader)</p>	<p>Module A13 (Architectural engineering) DR C. R. MIDDLETON (Leader) AND A. N. OTHER</p>	
<p>Module A9 (Thin walled structures) PROF. C. R. CALLADINE (Leader)</p>	<p>Module A14 (Contaminated land and waste containment) DR K. SOGA (Leader) DR S. P. G. MADABHUSHI AND DR R. LYNCH</p>	
<p>Module A10 (Structural steel) DR R. E. McCONNEL (Leader)</p>	<p>Module B1 (Deformation and fracture) DR T. J. LU (Leader) AND DR U. DESHPANDU</p>	
<p>Module A12 Coastal and off-shore engineering) DR J. F. A. SLEATH (Leader) AND PROF. A. C. PALMER</p>	<p>Module B5 (Design case studies) DR P. J. CLARKSON AND DR K. SHEA (Leader)</p>	
<p>Module B2 (Designing with composites) DR M. P. F. SUTCLIFFE (Leader) AND DR P. W. R. BEAUMONT</p>	<p>Module B8 (Applications of Dynamics) DR M. HARDY AND DR D. J. COLE (Leader)</p>	
<p>Module B3 (Electrical materials) PROF. A. M. CAMPBELL, DR D. A. CARDWELL (Leader) AND DR D. F. M. MOORE</p>	<p>Module B10 (Finite elements) DR W. J. STRONGE (Leader), DR T. J. LU AND DR M. HARDY</p>	
<p>Module B4 (Design methods) DR P. J. CLARKSON (Leader) AND DR K. SHEA</p>	<p>Module B12 (Wave propagation) DR W. J. STRONGE (Leader) AND PROF. J. WOODHOUSE</p>	
<p>Module B6 (Advanced linear vibration) PROF. R. LANGLEY (Leader) DR H. HUNT AND PROF. J. WOODHOUSE</p>	<p>Module B13 (MEMS) DR J. A. WILLIAMS (Leader) AND DR D. F. M. MOORE</p>	
<p>Module B7 (Random and non-linear vibrations) PROF. R. S. LANGLEY (Leader) AND PROF. J. WOODHOUSE</p>	<p>Module C1 (Nuclear power engineering) DR G. T. PARKS (Leader) AND MR R. SKELTON</p>	
<p>Module B9 (Continuum Mechanics) DR W. J. STRONGE (Leader) AND DR T. J. LU</p>	<p>Module C6 (Flow induced sound and vibration) PROF. J. E. FFOWCWS WILLIAMS (Leader)</p>	
<p>Module C2 (Computational fluid mechanics) DR T. NICKELS AND PROF. J. D. DENTON (Leader)</p>	<p>Module C7 (Aerodynamics) PROF. W. N. DAWES AND DR H. BABINKSY (Leader)</p>	
<p>Module C3 (Turbomachinery I) PROF. H. P. HODSON (Leader) AND DR R. MILLER</p>	<p>Module C8 (Environmental fluid mechanics) DR R. E. BRITTER (Leader) DR T. NICKELS AND DR E. MASTORAKOS</p>	
<p>Module C4 (Aircraft stability and control) PROF. A. P. DOWLING (Leader) AND DR W. R. GRAHAM</p>	<p>Module C11 (Turbomachinery II) DR L. XU, DR J. P. LONGLEY (Leader) AND DR I. HUNTSMAN</p>	
<p>Module C5 (Internal combustion engines) PROF. N. COLLINGS (Leader)</p>	<p>Module C12 (Turbulence) DR P. A. DAVIDSON (Leader)</p>	
<p>Module C9 (Molecular Thermodynamics) PROF. J. R. YOUNG (Leader) AND DR R. S. CANT</p>	<p>Module D1 (Electrical machines) DR R. A. McMAHON (Leader) AND DR T. COOMBS</p>	
<p>Module C10 (Flow instability) PROF. A. P. DOWLING (Leader) AND DR R. E. BRITTER</p>	<p>Module D6 (Solid state devices) PROF. P. MIGLIORATO (Leader) AND DR D. F. MOORE</p>	
<p>Module D4 (Computational electromagnetics) DR T. J. FLACK (Leader)</p>	<p>Module D10 (Optoelectronic technology) (Leader) PROF. I. WHITE</p>	
<p>Module D5 (Nanotechnology) PROF. M. E. WELLAND (Leader) DR C. DURKAN AND DR D. F. MOORE</p>	<p>Module D11 (Photonic systems) PROF. W. A. CROSSLAND (Leader) AND DR T. WILKINSON</p>	
<p>Module D7 (VLSI design, technology and CAD) DR D. F. MOORE AND DR D. M. HOLBURN (Leader)</p>	<p>Module D13 (Sensors and Instrumentation) DR P. A. ROBERTSON (Leader) AND DR D. F. MOORE</p>	
<p>Module D8 (Analogue circuit techniques) DR P. A. ROBERTSON (Leader) AND OTHERS</p>		
<p>Module D14 (Solar electronic power generation and distribution) PROF. G. A. J. AMARATUNGA AND PROF. W. I. MILNE</p>		

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Faculty of Engineering (continued)

ENGINEERING TRIPOS, PART II_B/ELECTRICAL AND INFORMATION SCIENCES TRIPOS,
PART II (continued)

MICHAELMAS 2001

LENT 2002

EASTER 2002

Module D11 (Control system design)
DR J. M. MACIEJOWSKI AND DR M. C. SMITH (Leader)

Module I1 (Control system design)
DR M. C. SMITH (Leader) AND DR J. LYGEROS

Module I3 (Nonlinear and adaptive control)
DR J. M. MACIEJOWSKI (Leader)

Module I7 (Digital filters and spectral estimation)
DR S. J. GODSILL (Leader) AND DR M. D. MACLEOD

Module I8 (Image processing and image coding)
PROF. P. J. W. RAYNER, DR N. G. KINGSBURY (Leader) AND
DR R. SWANN

Module I10 (Advanced pattern processing)
DR M. J. G. GALES (Leader) AND DR P. WEBSTER

Module I12 (Computer vision and robotics)
DR A. H. GEE AND PROF. R. CIPOLLA (Leader)

Module F6 (Accounting and finance)
DR R. CHATTERJEE (Leader)

Module F13 (Linear algebra and optimisation)
DR S. D. GUEST (Leader) AND DR G. T. PARKS

Module D15 (Advanced telecommunication
network)

DR T. WILKINSON (Leader) AND
PROF. W. CROSSLAND

Module I2 (Robust multivariable control)
DR J. LYGEROS (Leader) AND PROF. K. GLOVER

Module I5 (Digital communication)
PROF. A. HOPPER (Leader), T.B.A. AND DR P.
WEBSTER

Module I6 (Signal detection and estimation)
PROF. P. J. W. RAYNER AND DR W. J. FITZGERALD
(Leader)

Module I9 (Medical imaging)
DR A. GEE AND DR R. W. PRAGER (Leader)

Module I11 (Speech processing)
MR P. WOODLAND (Leader) AND MR T. HAIN
(Exam)

Module F3 (Production and operations
management)
DR D. RALPH (Leader)

Module F5 (International business economics)
DR C. PITELIS AND DR M. POLLITT (Leader)

Module F7 (Enterprise and business
development)
DR J. FRANCES (Leader)

Module F8 (Design and management of
manufacturing systems)
DR J. ALLWOOD (Leader)

Module F10 (French)
MR C. D'ANGELO (Leader)

Module F11 (German)
T.B.A.

Module F12 (Complex analysis and variational
methods)
DR M. G. SMITH AND PROF. R. LANGLEY (Leader)

Faculty of Engineering (continued)
MANAGEMENT STUDIES TRIPOS

MICHAELMAS 2001

LENT 2002

EASTER 2002

(A detailed timetable will be displayed in the Department)

*Lectures in LT1, Judge Institute, and in the Engineering Department***Paper MS1 (Organisational behaviour)**Leader: Dr C. Grey
(Sixteen lectures)**Paper MS2 (Quantitative methods)**Leader: Dr I. Rudy
(Sixteen lectures)**Paper MS3 (Economics of firms and markets)**Leader: Dr M. Pollitt
(Sixteen lectures)**Paper MS4 (Finance management accounting)**Leader: Dr R. Chatterjee
(Sixteen lectures)**Paper MS5 (Operations management)**Leader: Dr J. Steinberg
(Sixteen studies)**Paper MS6 (Marketing)**

Leader: Dr Yin

Paper MS7 (International HRM)Leader: Mr C. Gill
(Sixteen lectures)**Paper MS8 (Management Science)**Leader: Dr S. Schottes
(Sixteen lectures)**Paper MS9 (International business economics)**

Leader: Dr C. Pitelis

Paper MS10 (Corporate finance)Dr A. Taylor
(Sixteen lectures)**Paper MS11 (Information systems)**Leader: Dr M. R. Jones
(Sixteen lectures)**Paper MS12 (Strategic management)**Leader: Dr Schoenberg
(Sixteen lectures)

MANUFACTURING ENGINEERING TRIPOS, PART I

Paper P1 (Design and Manufacture)

Leader: Dr K. W. Platts

DR T. P. BLIGH

Engineering Design (Eight lectures)

DR J. MOULTRIE

Industrial engineering (Eight lectures)

Paper P2 (Organisation and Control of Manufacturing Systems)

Leader: Dr M. R. Jones

DR M. R. JONES AND DR J. ALLWOOD

Quality Control (Sixteen lectures) and information systems and inventory control

Paper P3 (Management Economics and Accounting)

Leader: Mr P. Guest

DR C. PITELIS

Introduction to Microeconomics (Six lectures)

DR A. D. COSH AND MR P. GUEST

Industrial Economics and Cost Accounting
(Fifteen lectures)**Paper G5 (Engineering Materials and Processing)**

Leader: Dr C. Y. Barlow

The same as Engineering Tripos, Part IIA, Paper 4

Paper P5

Leader: Mr C. Gill

DR C. GREY

Organisational behaviour (Sixteen lectures)

DR D. C. MCFARLANE

Design 2 (Eight lectures)

DR K. W. PLATTS

Design of Manufacturing Systems
(Four lectures)

DR R. STEINBERG

Scheduling (Eight lectures)

Inventory Control (Eight lectures)

DR A. D. COSH AND MR P. GUEST

Accounting and Finance (Sixteen lectures)

MR C. GILL

International HRM (Sixteen lectures)

For all students reading the Manufacturing Engineering Tripos:

PROF. M. J. GREGORY AND OTHERS

Factory Visit. Workshops. Tu. all day

Laboratory/Projects (to be arranged)

The same continued.

Faculty of Engineering (continued)**M. PHIL. (one year course) IN COMPUTER SPEECH, TEXT AND INTERNET TECHNOLOGY**

MICHAELMAS 2001

LENT 2002

EASTER 2002

INTRODUCTORY WEEK 1 Oct.–5 Oct.

MR T. HAIN

Basic Mathematics. T. W. Th. F. 9

DR E. J. BRISCOE

Introduction to Linguistics. T. W. Th. F. 10

MS G. DE JONG

Basic Phonetics and Phonology. W. F. 11–1

MR J. P. M. GOSLING

C++ Primer. Tu. Th. 12

MR J. P. M. GOSLING AND OTHERS

Practicals. Tu. W. Th. F. 2–5

MAIN LECTURES AND LABS 8 Oct.–30 Nov.

PROF. S. J. YOUNG

Computing and the Web (weeks 1–4). M. 12, Tu. 10

DR S. TUEFEL

(weeks 5–8). M. 12, Tu. 10

MR P. C. WOODLAND

Speech Signal Processing (weeks 1–4). M. Tu. 11

DR M. J. G. GALES

Speech Processing I (weeks 1–8). M. 10, (weeks 5–8)
Tu. 11.

MR T. HAIN

Speech Processing I (weeks 5–8). M. Tu. 11.

DR E. J. BRISCOE

Foundation Linguistics (weeks 1–8). Th. 10

Language Processing I (weeks 1–8). F. 11

DR A. COPESTAKE

Language Processing I (weeks 1–8). Th. 11

VISITING SPEAKERS

Speech and Language Applications (weeks 5–8). Tu. 12

DR A. COPESTAKE AND DR M. J. F. GALES

Computing Practicals (weeks 1–8). M. Tu. Th. F. 2–5

DR M. J. F. GALES AND MR P. C. WOODLAND

Speech Processing II (weeks 1–8). M. Tu. 10

PROF. S. J. YOUNG AND DR S. TUEFEL

Internet Application (weeks 1–8). M. Tu. 11

Dialogue Systems (weeks 1–8). Th. F. 11

VISITING SPEAKERS

Speech and Language Applications (weeks
1–4). Tu. 12

DR E. J. BRISCOE

Language Processing II (weeks 1–8). Th. F.
10

DR A. COPESTAKE

Language Processing II (weeks 1–8). Th. F. 10

Dialogue Systems (weeks 1–8). Th. F. 11

DR A. COPESTAKE AND DR M. J. F. GALES

Computing Practicals (weeks 1–8). M. Tu.
Th. F. 2–4Language Reading Club (weeks 5–8). Th. F.
12

Speech Reading Club (weeks 5–8). Tu. 12

M. PHIL. (one-year course) MICROELECTRONIC ENGINEERING AND SEMICONDUCTOR PHYSICS

Details of the lectures for this course may be found on p. 204.

A more detailed teaching programme, with information about the laboratory courses, may be obtained from Dr J. R. A. Cleaver at the *Department of Physics*.