

CHEMICAL ENGINEERING TRIPOS PART I

Departmental Contact: Dr D. M. Scott (email: dms1@cam.ac.uk)

All lectures take place in *the Department of Chemical Engineering and Biotechnology*.An introduction to the course will be given in the Department on Wednesday 7 October at 9.00 am. A detailed timetable will be available in the Department and at <http://www.ceb.cam.ac.uk/pages/chemical-engineering-tripos.html>

| MICHAELMAS 2009 | LENT 2010 | EASTER 2010 |
|--|---|--|
| PROF. H. A. CHASE AND DR D. M. SCOTT Chemical Engineering. (Sixteen lectures) PROF. H. A. CHASE Fluid Mechanics. (Sixteen lectures) DR P. J. BARRIE Process Calculations. (Twenty four lectures) DR C. F. KAMINSKI AND PROF. M. R. MACKLEY Mechanical Engineering ¹ . (Eighteen lectures) DR C. F. KAMINSKI Chemistry ² . (Eighteen lectures) DR B. HU Exercises. DR S. BUTLER AND OTHERS Fluid Mechanics Laboratory. DR A. C. FISHER Physical Chemistry laboratory ² . DR K. YUNUS Drawing ¹ . DRS S. L. ROUGH, B. HALLMARK AND V. S. VASSILIADIS Computer-Aided Process Engineering Practicals. | DRS D. I. WILSON AND S. L. ROUGH Transport Processes. (Twenty four lectures). DR J. S. DENNIS Separations. (Sixteen lectures) PROF. H. A. CHASE Biotechnology. (Sixteen lectures) DRS S. L. ROUGH, B. HALLMARK AND V. S. VASSILIADIS Engineering Maths (Eighteen lectures) PROF. M. R. MACKLEY Stress Analysis and Pressure Vessels. (Eight lectures) DR D. J. HOLLAND Mechanical Engineering ¹ . (Four lectures) DR S. L. ROUGH Reactors. (Six lectures) DR B. HU Exercises. DR S. BUTLER AND OTHERS Fluid Mechanics Laboratory. DRS S. L. ROUGH, B. HALLMARK AND V. S. VASSILIADIS Computer-Aided Process Engineering Practicals. | DR M. D. MANTLE Chemistry ² . (Ten lectures) DR B. HALLMARK Mechanical Engineering ¹ . (Six lectures) DR V. S. VASSILIADIS Engineering Maths (Six lectures) DR B. HU Exercises. |

¹ Lectures *only* for students who have previously taken Natural Sciences Tripos Part IA.² Lectures *only* for students who have previously taken Engineering Tripos Part IA.All other lectures offered are for *all* students.

CHEMICAL ENGINEERING TRIPOS PART IIADepartmental Contact: Dr D. M. Scott (email: dms1@cam.ac.uk)All lectures take place in *the Department of Chemical Engineering and Biotechnology*.An introduction to the course will be given in the Department on Wednesday 7 October at 11.00 am. A detailed timetable will be available in the Department and at <http://www.ceb.cam.ac.uk/pages/chemical-engineering-tripos.html>**MICHAELMAS 2009****LENT 2010****EASTER 2010**

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| DR G. D. MOGGRIDGE Equilibrium Thermodynamics. (Sixteen lectures) | DR S. S. S. CARDOSO Fluid Mechanics. (Twenty four lectures) | DR B. HALLMARK AND OTHERS Design Project. |
| DR J. S. DENNIS Separations. (Sixteen lectures) | DR V. S. VASSILIADIS Heat Integration (Eight lectures) | |
| PROF. L. F. GLADDEN Reactors. (Twenty lectures) | DR G. D. MOGGRIDGE Radiation (Eight Lectures) | |
| DRS M. L. JOHNS AND A. C. FISHER Corrosion and Materials. (Sixteen lectures) | DR M. L. JOHNS Safety, Health and the Environment. (Sixteen lectures) | |
| DR A. F. ROUTH Mathematics. (Eight lectures) | PROF. M. KRAFT Statistics. (Twelve lectures) | |
| DR D. M. SCOTT Process Dynamics and Control. (Sixteen lectures) | PROF. N. K. H. SLATER Bioprocessing. (Sixteen lectures) | |
| DR B. HU AND OTHERS Exercises and Demonstrations | DRS B. HU AND B. HALLMARK Design. (Twelve lectures) | |
| | DR B. HU AND OTHERS Exercises and Demonstrations | |

CHEMICAL ENGINEERING TRIPOS PART IIb

Departmental Contact: Dr D. M. Scott (email: dms1@cam.ac.uk)

All lectures, apart from *Entrepreneurship, Languages and Biosensors* take place in the *Department of Chemical Engineering and Biotechnology*. Lectures on *Entrepreneurship* take place in the *Mill Lane Lecture Rooms*. Lectures on *Languages and Biosensors* take place in the *Department of Engineering*.

An introduction to the course will be given in the Department on Wednesday 7 October at 9.30 am. A detailed timetable will be available in the Department and at <http://www.ceb.cam.ac.uk/pages/chemical-engineering-tripos.html/>

MICHAELMAS 2009**LENT 2010****EASTER 2010**

DRS G. D. MOGGRIDGE AND B. HALLMARK
Product Design. (Sixteen lectures)
MR C. D'ANGELO (LEADER) AND DR G. D. MOGGRIDGE
Languages
DR A. C. FISHER
States of Matter. (Sixteen lectures)
PROF. M. R. MACKLEY
Rheology and Processing. (Sixteen lectures)
DRS M. L. JOHNS AND C. F. KAMINSKI
Modern Metrology. (Sixteen lectures)
DRS D. M. SCOTT AND S. S. S. CARDOSO
Fluid Mechanics and the Environment (Sixteen lectures)
PROF. N. K. H. SLATER AND DR K. SEAMON
Biopharmaceuticals (Sixteen Lectures)
DR V. S. VASSILIADIS
Optimisation (Sixteen Lectures)

PROF. M. KRAFT
Computational Fluid Dynamics. (Sixteen lectures)
MR C. D'ANGELO (LEADER) AND DR G. D. MOGGRIDGE
Languages
DRS A. P. MUTHIRULAN, S. VYAKARNAM AND G. D. MOGGRIDGE
Entrepreneurship. (Sixteen lectures)
DRS J. S. DENNIS AND B. HALLMARK
Sustainability. (Sixteen lectures)
DR A. F. ROUTH
Colloid Science. (Sixteen lectures)
DR P. J. BARRIE
Catalysis. (Sixteen lectures)
DR A. C. FISHER
Electrochemistry. (Sixteen lectures)
DRS D. I. WILSON AND D. M. SCOTT
Particle Technology (Sixteen lectures)
DR A. A. SESHIA AND PROF. E. A. H. HALL
Biosensors (Fourteen lectures)