

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 6 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 2010

LENT 2011

EASTER 2011

<p>DRS B. HALLMARK AND D. M. SCOTT Chemical Engineering. (Sixteen lectures)</p> <p>PROF. M. KRAFT Fluid Mechanics. (Sixteen lectures)</p> <p>DR D. I. WILSON Process Calculations. (Twenty four lectures)</p> <p>DR C. F. KAMINSKI AND PROF. M. R. MACKLEY Mechanical Engineering¹. (Eighteen lectures)</p> <p>DRS C. F. KAMINSKI AND M. D. MANTLE Chemistry². (Eighteen lectures)</p> <p>DR D. M. SCOTT AND OTHERS Exercises.</p> <p>DR S. BUTLER AND OTHERS Fluid Mechanics Laboratory.</p> <p>DR A. C. FISHER Physical Chemistry laboratory².</p> <p>DR K. YUNUS Drawing¹.</p> <p>DRS S. L. ROUGH, B. HALLMARK AND V. S. VASSILIADIS Computer-Aided Process Engineering Practicals.</p>	<p>DRS D. I. WILSON AND S. L. ROUGH Transport Processes. (Twenty four lectures).</p> <p>DR J. S. DENNIS Separations. (Sixteen lectures)</p> <p>PROF. H. A. CHASE AND PROF. DR A. TUNNAcliffe Biotechnology. (Sixteen lectures)</p> <p>DRS S. L. ROUGH, B. HALLMARK AND V. S. VASSILIADIS Engineering Maths (Eighteen lectures)</p> <p>PROF. M. R. MACKLEY Stress Analysis and Pressure Vessels. (Eight lectures)</p> <p>DR A. F. ROUTH Mechanical Engineering¹. (Four lectures)</p> <p>DR S. L. ROUGH Reactors. (Six lectures)</p> <p>DR D. M. SCOTT AND OTHERS Exercises.</p> <p>DR S. BUTLER AND OTHERS Fluid Mechanics Laboratory.</p> <p>DRS S. L. ROUGH, B. HALLMARK AND V. S. VASSILIADIS Computer-Aided Process Engineering Practicals.</p>	<p>DR C. F. KAMINSKI Chemistry². (Ten lectures)</p> <p>DR J. A. ZEITLER Mechanical Engineering¹. (Six lectures)</p> <p>DR V. S. VASSILIADIS Engineering Maths (Six lectures)</p> <p>DR D. M. SCOTT AND OTHERS Exercises.</p>
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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 6 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 2010****LENT 2011****EASTER 2011**

DR G. D. MOGGRIDGE Equilibrium Thermodynamics. (Sixteen lectures) DR J. S. DENNIS Separations. (Sixteen lectures) DR J. MCGREGOR Reactors. (Twenty lectures) DRS J. A. ZEITLER AND A. C. FISHER Corrosion and Materials. (Sixteen lectures) DR S. S. S. CARDOSO Mathematics. (Eight lectures) DR D. M. SCOTT Process Dynamics and Control. (Sixteen lectures) DR B. HALLMARK AND OTHERS Exercises and Demonstrations	DR S. S. S. CARDOSO Fluid Mechanics. (Twenty four lectures) DR V. S. VASSILIADIS Heat Integration (Six lectures) DR J. A. ZEITLER Radiation (Eight Lectures) DR M. L. JOHNS Safety, Health and the Environment. (Sixteen lectures) PROF. M. KRAFT Statistics. (Twelve lectures) PROF. N. K. H. SLATER Bioprocessing. (Sixteen lectures) DR B. HALLMARK Design. (Twelve lectures) DR B. HALLMARK AND OTHERS Exercises and Demonstrations	DR B. HALLMARK AND OTHERS Design Project.
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CHEMICAL ENGINEERING TRIPOS PART IIBDepartmental 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 6 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 2010**LENT 2011****EASTER 2011**

DRS B. HALLMARK AND J. MCGREGOR
Product Design. (Sixteen lectures)
DR C. D'ANGELO (LEADER) AND DR G. D. MOGGRIDGE
Languages
DR A. C. FISHER
States of Matter. (Sixteen lectures)
DR A. C. FISHER
Electrochemistry. (Sixteen lectures)
DRS D. M. SCOTT AND S. S. S. CARDOSO
Fluid Mechanics and the Environment (Sixteen lectures)
PROF. N. K. H. SLATER AND OTHERS
Biopharmaceuticals (Sixteen Lectures)
DR V. S. VASSILIADIS
Optimisation (Sixteen Lectures)

PROF. M. KRAFT
Computational Fluid Dynamics. (Sixteen lectures)
DR C. D'ANGELO (LEADER) AND DR G. D. MOGGRIDGE
Languages
DRS S. BARAKAT, S. VYAKARNAM AND G. D. MOGGRIDGE
Entrepreneurship. (Sixteen lectures)
DRS J. S. DENNIS AND J. MCGREGOR
Sustainability. (Sixteen lectures)
DR A. F. ROUTH
Colloid Science. (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)
PROF. M. R. MACKLEY
Rheology and Processing. (Sixteen lectures)
DRS M. L. JOHNS AND C. F. KAMINSKI
Modern Metrology. (Sixteen lectures)