

## CHEMICAL ENGINEERING TRIPOS PART I

Departmental Contact: Dr M. L. Johns (email: mlj21@cam.ac.uk)

All lectures take place in *the Department of Chemical Engineering*

An introduction to the course will be given in the Department on Wednesday 3 October at 9.00 am. A detailed timetable will be available in the Department and at <http://www.cheng.cam.ac.uk/>

MICHAELMAS 2007	LENT 2008	EASTER 2008
DR W. R. PATERSON Chemical Engineering. (Sixteen lectures) PROF. H. A. CHASE Fluid Mechanics. (Sixteen lectures) DR P. J. BARRIE Process Calculations. (Twenty four lectures) PROF. M. R. MACKLEY Stress Analysis and Pressure Vessels. (Eight lectures)  PROF. M. R. MACKLEY AND DR S. L. ROUGH Mechanical Engineering <sup>1</sup> . (Fourteen lectures) DR I. BURNS AND DR M. D. MANTLE Chemistry <sup>2</sup> . (Fourteen lectures) TEACHING FELLOW Exercises. DR S. BUTLER AND OTHERS Fluid Mechanics Laboratory. DR A. C. FISHER Physical Chemistry laboratory <sup>2</sup> . DR K. YUNUS Drawing <sup>1</sup> . DR S. L. ROUGH AND DR A. N. CAMPBELL Computer-Aided Process Engineering Practicals.	DR D. I. WILSON AND DR S. L. ROUGH Transport Processes. (Twenty eight lectures). DR J. S. DENNIS Separations. (Sixteen lectures) PROF. H. A. CHASE Biotechnology. (Sixteen lectures) DR S. L. ROUGH AND DR A. N. CAMPBELL Engineering Mathematics. (Twenty four lectures)  The same continued.  The same continued.          The same continued.	DR S. L. ROUGH Reactors. (Six lectures)          DR C. F. KAMINSKI AND DR A. F. ROUTH The same continued. (Fourteen lectures) DR M. D. MANTLE AND DR V. S. VASSILIADIS The same continued. (Fourteen lectures)   The same continued. TEACHING FELLOW Skills Workshops.

<sup>1</sup> Lectures *only* for students who have previously taken Natural Sciences Tripos or Computer Science Tripos Part IA.

<sup>2</sup> Lectures *only* for students who have previously taken Engineering Tripos Part IA.

All other lectures offered are for *all* students.

**CHEMICAL ENGINEERING TRIPOS PART IIA**

Departmental Contact: Dr M.L. Johns (email: mlj21@cam.ac.uk)

All lectures take place in *the Department of Chemical Engineering*An introduction to the course will be given in the Department on Wednesday 3 October at 11.00 am. A detailed timetable will be available in the Department and at <http://www.cheng.cam.ac.uk/>**MICHAELMAS 2007****LENT 2008****EASTER 2008**

DR G. D. MOGGRIDGE Equilibrium Thermodynamics. (Sixteen lectures)	DR S. S. S. CARDOSO Fluid Mechanics. (Twenty four lectures)	PROF. N. K. H. SLATER AND OTHERS Design Project.
DR J. S. DENNIS Separations. (Sixteen lectures)	DR C. MUELLER Mathematics. (Eight lectures)	
DR A. F. ROUTH Process Dynamics and Control. (Sixteen lectures)	DR V. S. VASSILIADIS Process and Enterprise Logistics. (Sixteen lectures)	
PROF. L. F. GLADDEN Reactors. (Twenty lectures)	DR M. L. JOHNS Safety, Health and the Environment. (Sixteen lectures)	
PROF. N. K. H. SLATER Bioprocessing. (Sixteen lectures)	DR M. KRAFT Statistics. (Twelve lectures)	
DR M. L. JOHNS Corrosion and Materials. (Sixteen lectures)	A. N. OTHER Design. (Twelve lectures)	
TEACHING FELLOW Exercises and Demonstrations	The same continued.	

**CHEMICAL ENGINEERING TRIPOS PART IIB**

Departmental Contact: Dr M.L. Johns (email: mlj21@cam.ac.uk)

All lectures, apart from *Entrepreneurship*, *Languages* and *Biosensors*, take place in the *Department of Chemical Engineering*. Lectures on *Entrepreneurship* take place in *Lecture Room 6, 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 3 October at 10.00 am. A detailed timetable will be available in the Department and at <http://www.cheng.cam.ac.uk/>

**MICHAELMAS 2007****LENT 2008****EASTER 2008**

DR D. I. WILSON  
Product Design. (Sixteen lectures)  
MR C. D'ANGELO (Leader) AND DR G. D. MOGGRIDGE  
Languages  
DR A. C. FISHER  
States of Matter. (Sixteen lectures)  
DR V. S. VASSILIADIS  
Optimisation. (Sixteen lectures)  
PROF. M. R. MACKLEY  
Rheology and Processing. (Sixteen lectures)  
DR M. L. JOHNS AND DR J. HULT  
Modern Metrology. (Sixteen lectures)  
DR A. C. FISHER  
Electrochemistry. (Sixteen lectures)

DR A. F. ROUTH  
Colloid Science. (Sixteen lectures)  
  
The same continued.  
DR M. KRAFT  
Computational Fluid Dynamics. (Sixteen lectures)  
PROF. S. HARRISON AND DR J. S. DENNIS  
Sustainability. (Sixteen lectures)  
DR S. VYAKARNAM AND DR G. D. MOGGRIDGE  
Entrepreneurship. (Sixteen lectures)  
PROF. N. K. H. SLATER AND OTHERS  
Biotechnology. (Sixteen lectures)  
DR W. R. PATERSON  
Advanced Transport Processes. (Sixteen lectures)  
DR P. J. BARRIE  
Catalysis. (Sixteen lectures)  
PROF. E. HALL AND DR A. A. SESHIA  
Biosensors. (Sixteen lectures)