

Lectures proposed by the Chemical Engineering Syndicate

For particulars of the University Composition Fee and of fees payable for attendance at a separate course of lectures see p. 2.

CHEMICAL ENGINEERING TRIPOS, PART I

*Lectures will be held in the Department of Chemical Engineering, Pembroke Street
(A detailed timetable will be displayed in the Department)*

MICHAELMAS 1998

LENT 1999

EASTER 1999

Fluid Mechanics DR C. D. RIELLY (Twenty four lectures)	Transport Processes DR A. N. HAYHURST (Sixteen lectures)	Transport Processes (continued) DR A. N. HAYHURST (Four lectures)
Economics and SHE MR R. L. SKELTON AND PROF. J. BRIDGWATER (Eight lectures)	Continuous Contacting Processes DR D. I. WILSON (Eight lectures)	Reactors PROF. J. BRIDGWATER (Eight lectures)
Mechanics and Beams¹ DR R. M. NEDDERMAN (Ten lectures)	Introductory Dynamics¹ DR P. STONESTREET (Eight lectures)	Further Dynamics DR P. STONESTREET (Eight lectures)
Physical Chemistry² DR L. F. GLADDEN (Ten lectures)	Organic and Analytical Chemistry² DR P. J. BARRIE (Eight lectures)	Flowsheets DR A. P. J. MIDDELBERG (Four lectures)
Mechanical Properties of Materials¹ DR P. J. BARRIE (Six lectures)		
Equilibrium Staged Processes DR W. R. PATERSON (Eight lectures)	Equilibrium Staged Processes (continued) DR W. R. PATERSON (Eight lectures)	
Bonding and Inorganic Chemistry² DR P. J. BARRIE (Six lectures)	Stress Analysis and Pressure Vessels DR D. I. WILSON (Eight lectures)	
Process Calculations DR P. J. BARRIE (Sixteen lectures)	Equilibrium Thermodynamics DR G. D. MOGGRIDGE (Eight lectures)	
Mathematical Techniques DR S. S. S. CARDOSO (Eight lectures)	Computer Aided Process Engineering DR V. S. VASSILIADIS (Sixteen lectures)	
Practical Work M. 9-11 or W. 9-11; W. 2-5 ¹ and Th. 2-4 ²	Practical Work M. 9-11 or W. 9-11	

¹ Lectures *only* for students who have previously done NST Part IA Tripos Courses.

² Lectures *only* for students who have previously done Engineering Part IA Tripos Courses.

All other lectures offered are for students who have previously done either Tripos.
Students should register for Practical Work on Tuesday 6 October, between 2 and 4 p.m. at the *Department of Chemical Engineering*.

CHEMICAL ENGINEERING TRIPOS, PART II (OLD REGULATIONS)

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MICHAELMAS 1998

LENT 1999

EASTER 1999

Statics and Dynamics of Granular Materials

DR R. M. NEDDERMAN
(Twelve lectures)

Chemical Reactors

DR G. D. MOGGRIDGE
(Six lectures)

Combustion

DR A. N. HAYHURST
(Twenty lectures)

Environmental Engineering

DR D. I. WILSON
(Eight lectures)

Surfaces and Catalysis

DR L. F. GLADDEN
(Eight lectures)

Industrial Topics

Organiser: DR D. I. WILSON
(Eight lectures)

Polymer Rheology

DR M. R. MACKLEY
(Eight lectures)

Radiative Heat Transfer

PROF. J. BRIDGWATER
(Twelve lectures)

Fluid Mechanics

DR M. R. MACKLEY
(Eight lectures)

Transport Processes

DR W. R. PATERSON
(Sixteen lectures)

Nuclear Engineering

MR R. L. SKELTON
(Six lectures)

Product Design

PROF. E. L. CUSSLER
(Sixteen lectures)

Biochemical Engineering

DR H. A. CHASE
(Twenty four lectures)

Heterogeneous Reactors

DR W. R. PATERSON
(Eight lectures)

Fluidisation

DR R. M. NEDDERMAN
(Twelve lectures)

Hazard Analysis 2

MR R. L. SKELTON
(Twelve lectures)

Two-Phase Flow

DR R. M. NEDDERMAN
(Twelve lectures)

Polymers

DR M. R. MACKLEY
(Twenty two lectures)

Fluid Mechanics (continued)

DR M. R. MACKLEY
(Two lectures)

CHEMICAL ENGINEERING TRIPOS, PART IIA (NEW REGULATIONS)

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MICHAELMAS 1998

LENT 1999

EASTER 1999

Mathematical Methods

DR S. S. S. CARDOSO
(Twelve lectures)

Fluid Mechanics 2.1: Multi-Dimensional and Turbulent Flow

DR S. S. S. CARDOSO
(Eight lectures)

Thermodynamics 2: Equilibria

DR G. D. MOGGRIDGE
(Twelve lectures)

Separations 2.1: Multi-Component Staged Processes

DR H. A. CHASE
(Eight lectures)

Separations 2.2: Advanced Continuous Contacting Processes

DR H. A. CHASE
(Twelve lectures)

Process Systems SHE

MR R. L. SKELTON
(Eight lectures)

Process Synthesis

DR V. S. VASSILIADIS
(Sixteen lectures)

Reactors 2.1: Mixing, RTDs and Thermal Effects

DR G. D. MOGGRIDGE
(Eight lectures)

Corrosion

DR D. I. WILSON
(Eight lectures)

Reactors 2.2: Heterogeneous and Bio-Reactors

DR L. F. GLADDEN
(Sixteen lectures)

Fluid Mechanics 2.1: Multi-Dimensional and Turbulent Flow (continued)

DR S. S. S. CARDOSO
(Eight lectures)

Transport Processes 2

PROF. J. BRIDGWATER
(Twelve lectures)

Process Dynamics and Control

DR C. D. RIELLY
(Sixteen lectures)

Biotechnology

DR A. P. J. MIDDELBERG
(Eight lectures)

Fluid Mechanics 2.2: Multiphase Fluid Mechanics

DR A. P. J. MIDDELBERG
(Twelve lectures)

Process Systems SHE (continued)

MR R. L. SKELTON
(Eight lectures)

Process Integration

DR D. I. WILSON
(Eight lectures)

Design

MR R. L. SKELTON
(Eight lectures)