

Editor's Note

This is the 16th Graduate Issue to be published by CEE and distributed to chemical engineering seniors interested in and qualified for graduate school. As in our previous issues, we include articles on graduate courses and research at various universities and announcements of departments on their graduate programs. In order for you to obtain a broad idea of the nature of graduate work, we encourage you to read not only the articles in this issue, but also those in previous issues. A list of the papers from recent years follows. If you would like a copy of a previous Fall issue, please write CEE.

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AUTHOR	TITLE
Fall 1983	
Davis	"Numerical Methods and Modeling"
Sawin, Reif	"Plasma Processing in Integrated Circuit Fabrication"
Shaeiwitz	"Advanced Topics in Heat and Mass Transfer"
Takoudis	"Chemical Reactor Design"
Valle-Riestra	"Project Evaluation in the Chemical Process Industries"
Woods	"Surface Phenomena"
Middleman	"Research on Cleaning up in San Diego"
Serageldin	"Research on Combustion"
Wankat, Oreovicz	"Grad Student's Guide to Academic Job Hunting"
Bird	"Book Writing and ChE Education"
Thomson, Simmons	"Grad Education Wins in Interstate Rivalry"
Fall 1982	
Hightower	"Oxidative Dehydrogenation Over Ferrite Catalysts"
Mesler	"Nucleate Boiling"
Weiland, Taylor	"Mass Transfer"
Dullien	"Funds. of Petroleum Production"
Seapan	"Air Pollution for Engineers"
Skaates	"Catalysis"
Baird, Wilkes	"Polymer Education and Research"
Fenn	"Research is Engineering"
Fall 1981	
Abbott	"Classical Thermodynamics"
Butt, Kung	"Catalysis & Catalytic Reaction Engineering"
Chen, et al	"Parametric Pumping"
Gubbins, Street	"Molecular Thermodynamics and Computer Simulation"
Guin, et al	"Coal Liquefaction & Desulfurization"
Thomson	"Oil Shale Char Reactions"
Bartholomew	"Kinetics and Catalysis"
Hassler	"ChE Analysis"
Miller	"Underground Processing"
Wankat	"Separation Processes"
Wolf	"Heterogeneous Catalysis"
Fall 1980	
Bird	"Polymer Fluid Dynamics"
Edgar, Schechter	"In Situ Processing"
Hanratty	"Wall Turbulence"
Kenney	"Chemical Reactors"
Kerchenbaum, Perkins, Pyle	"Systems Modelling & Control"
Liu	"Process Synthesis"
Peppas	"Polymerization Reaction Engineering"
Rosner	"Combustion Science & Technology"
Lees	"Plant Engineering at Loughborough"
Senkan, Vivian	"MIT School of ChE Practice"
Fall 1979	
Culberson	"Doctoral Level ChE Economics"
Davis	"Molecular Theory of Thermodynamics"
Frank	"Courses in Polymer Science"
Morari, Ray	"Integration of Real-Time Computing Into Process Control Teaching"
Ramkrishna	"Functional Analysis for ChE"
Russel, et al.	"Colloidal Phenomena"
Russell	"Structure of the Chemical Processing Industries"
Vannice	"Heterogeneous Catalysis"
Varma	"Mathematical Methods in ChE"
Yen	"Coal Liquefaction Processes"
Fall 1978	
Aris	"Horses of Other Colors—Some Notes on Seminars in a ChE Department"
Butt & Peterson	"Chemical Reactor Engineering"
Kabel	"Influential Papers in Chemical Reaction Engineering"
Middleman	"A Graduate Course in Polymer Processing"
Perlmutter	"Reactor Design From a Stability Viewpoint"
Rajagopalan	"The Dynamics of Hydrocolloidal Systems"
Wheelock	"Coal Science and Technology"
Carbonell & Whitaker	"Transport Phenomena in Multicomponent, Multiphase, Reacting Systems"
Fall 1977	
Dumesic	"Fundamental Concepts in Surface Interactions"
Jorne	"Electrochemical Engineering"
Retzloff	"Chemical Reaction Engineering Science"
Blanch, Russell	"Biochemical Engineering"
Chartoff	"Polymer Science and Engineering"
Fall 1976	
Alkire	"Electrochemical Engineering"
Bailey & Ollis	"Biochemical Engr. Fundamentals"
DeKee	"Food Engineering"
Deshpande	"Distillation Dynamics & Control"
Johnson	"Fusion Reactor Technology"
Klinzing	"Environmental Courses"
Lemlich	"Ad Bubble Separation Methods"
Koutsky	"Intro. Polymer Science & Tech."
Reynolds	"The Engineer as Entrepreneur"
Rosner	"Energy, Mass and Momentum Transport"