Editorial

A Letter to Chemical Engineering Seniors

This is the tenth 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 that are taught at various universities and ads of departments on their graduate programs. In order for you to obtain a broad idea of the nature of graduate course work, we encourage you to read not only the articles in this issue, but also those in previous issues. A list of these follows. If you would like a copy of a previous Fall issue, please write CEE.

Ray Fahien, Editor CEE

AUTHOR	TITLE
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 Entrepeneur"
Rosner	"Energy, Mass and Momentum Transport"
Fall 1975	
Astarita	"Modern Thermodynamics"
Delgass	"Heterogeneous Catalysis"
Gruver	"Dynamical Syst. & Multivar. Control"
Liu	"Digital Computations for ChE's"
Manning	"Industrial Pollution Control"
McCoy	"Separation Process"
Walter	"Enzyme Catalysis"
Fall 1974	
Corripio	"Digital Computer Control of Process"
Donaghey	"Solid-State Materials and Devices"
Edgar	"Multivariable Control and Est."
Gates, et al.	"Chemistry of Catalytic Process"
Luks	"Advanced Thermodynamics"
Melnyk & Prober	"Wastewater Engineering for ChE's"
Tavlarides	"Enzyme and Biochemical Engr."
Theis	"Synthetic & Biological Polymers"
Hamrin, et. al.	"Energy Engineering"
Sherwood	"History of Mass Transfer Theory"

Fall 1973	
Merrill	"Applied Chemical Kinetics"
Locke & Daniels	"Corrosion Control
Moore	"Digital Computer Process Control"
Wei	"Economics of Chem. Processing Industries"
Hopfenberg	"Polymers, Surfactants and Colloidal Materials"
Fricke	"Polymer Processing"
Tierney	"Staged Separations"
O'Connell, et. al.	"Application of Molecular Concepts of Predicting Properties in Design"
Fall 1972	
Bell	"Process Heat Transfer"
Chao & Greenkorn	"Equilibrium Theory of Fluids"
Cooney	"Biological Transport Pnenomena and Biomedical Engineering"
Curl & Kadlee	"Modeling"
Gainer	"Applied Surface Chemistry"
Slattery	"Momentum, Energy and Mass Transfer"
Kelleher & Kafes	"Process and Plant Design Project"
Douglas & Kittrell	"Engineering Entrepeneurship"
Wei	"How Industry Can Improve the Usefulness of Academic Research"
Tepe	"Relevance of Grad. ChE Research"
Fall 1971	
Reid & Modell	"Thermo: Theory & Applications"
Theofanous	"Transport Phenomena"
Weller	"Heterogeneous Catalysis"
Westerberg	"Computer Aided Process Design"
Kabel	"Mathematical Modeling . . ."
Wen	"Noncatalytic Heterogeneous Reaction Systems"
Beamer	"Statistical Analysis and Simulation"
Himmelblau	"Optimization of Large Scale Systems"
Fall 1970	
Berg	"Interfacial Phenomena"
Boudart	"Kinetics of Chemical Processes"
Koppel	"Process Control"
Leonard	"Bioengineering"
Licht	"Design of Air Pollution Control Systems"
Metzner & Denn	"Fluid Mechanics"
Powers	"Separation Processes"
Toor & Condiff	"Heat and Mass Transfer"
Tsao	"Biochemical Engineering"
Fall 1969	
Amundson	"Why Mathematics?"
Churchill	"Theories, Correlations & Uncertainties for Waves, Gradients & Fluxes"
Hanratty	"Fluid Dynamics"
Hubert	"Stat. Theories of Particulate Systems"
Lightfoot	"Diffusional Operations"
Lapidus	"Optimal Control of Reaction Systems"
Prausnitz	"Molecular Thermodynamics"
Dougharty	"Reactor Design"