

as a foundation for the solution of most problems that may concern a chemical engineer.

Qualitative and Quantitative Chemistry—Benefit may be derived from the manipulative skills which are developed. It is felt that this training can be achieved in a shorter time and the information should be presented in a survey course.

Chemical engineers should be exposed to some aspects of analytical chemistry and should be familiar with instrumental methods that can be used for raw material, process streams, and product analysis.

The modern chemical engineer must have a

practical knowledge of all phases of chemistry, regardless of his field of interest. The curriculum should place greater emphasis on organic and physical chemistry and less stress on qualitative and quantitative analysis.

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ChE news

Readers and others are invited to submit news items and technical announcements of professional interest for publication here. Consideration must be given to the fact that CEE publishes quarterly.

STILLWATER, Okla.—The second annual educational conference on process design will be held on the campus of Oklahoma State University here March 4 and 5. The lectures at this conference will be on the design of process reactors.

Sponsored by the School of Chemical Engineering, the two-day meet will feature lecturers

with academic and industrial backgrounds, according to Prof. Wayne C. Edmister, conference director.

In addition to general considerations in reactor design and analysis, subjects to be covered include gas-liquid and gas-solid non-catalytic reactors, mathematical modeling of reaction rate data and chemical reactors, reactor and regenerator analysis and design, and control and optimization applications.

Lecturers for the conference are Prof. J. J. Carberry, Department of Chemical Engineering, University of Notre Dame, Notre Dame, Ind.; Dr. J. R. Kittrell, Chevron Research Corp., Richmond, Calif.; and Dr. V. W. Weekman, Jr., Mobil Research and Development Corp., Paulsboro, New Jersey.

Information regarding technical content of the conference is available from Prof. W. C. Edmister. Housing and registration forms are available from Dr. Monroe W. Kriegel, director, Engineering and Industrial Extension, Oklahoma State University, Stillwater, Okla. 74074.