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ence brainpower while making more efficient use of existing independent college facilities".

Hofstra College of Hempstead, Long Island, intends to expand its present nuclear physics training program at both the undergraduate and graduate levels by the introduction of three new laboratory courses, the first of which will begin next September. This planned expansion has been aided by the award to Hofstra of an AEC grant of \$26 000 which is to be used by the College to acquire nuclear detection and measurement apparatus. The Physics Department will also give courses in nuclear engineering as part of newly established degree programs leading to either the bachelor of arts or the bachelor of science in engineering science.

### **Courses and Lectures**

McCrone Research Institute has announced that courses in applied microscopy will be offered in three cities (Chicago, London, and San Francisco) this year. Each course provides lecture and laboratory time equivalent to four semester hours at college level, is three weeks long, and covers optics, photomicrography, micrometry, crystallography, and the application of the microscope in fields such as air pollution, forensic science, synthetic fibers, and other industrial areas. The course in San Francisco will be offered in cooperation with Arthur D. Little, Inc., from March 6 to 24, 1961. In London the dates are June 26-July 7, and in Chicago, July 10-28. Inquiries may be sent to D. Grabar, McCrone Research Institute, 449 East 31st Street, Chicago 16, Ill.

Ten lectures on semiconductors are to be given under the sponsorship of the North Jersey Section of the American Chemical Society. They will be held from 7 to 9 p.m. on ten consecutive Tuesdays, starting with February 7, in the cafeteria auditorium of Merck & Co., Inc., in Rahway, N. J. Dates, titles, and names of the lecturers are listed below:

- Feb. 7. Introduction to Semiconductors, Harvey Brooks (Harvard)
- Feb. 14. Chemical Classification of Semiconductors, W. B. Pearson (National Research Council, Canada)
- Feb. 21. Structural and Chemical Defects in Semiconductor Crystals, M. J. Sinnott (U. of Michigan)
- Feb. 28. Physical Measurements in Semiconductors and Their Interpretation, Eli Burstein (U. of Pennsylvania)
- Mar. 7. Phase Equilibria in Semiconductor Systems, Irving Cadoff (New York U.)
- Mar. 14. Chemistry of the Preparation of Monocrystalline Semiconductors, F. Hubbard Horn (GE Knolls Research Lab.)
- Mar. 21. Control of Composition of Single-Crystal Semiconductors (Zone Refining), William A. Tiller (Westinghouse Research Labs.)
- Mar. 28. The Chemistry of Semiconductor Surfaces, Jacob F. Dewald (Bell Telephone Labs.)
- Apr. 4. Diffusion in Semiconductor Single Crystals, Calvin S. Fuller (Bell Telephone Labs.)
- Apr. 11. Current Chemical Problems in Semiconductors, Peter I. Pollak (Merck Sharp & Dohme Research Labs.)