Salaries in all cases are subject to a retiring reduction of three and one half per cent.

WORK OF THE NEW YORK UNIVERSITY COLLEGE OF ENGINEERING

SIXTEEN experts from the food and chemical industries will join with the faculty of the Graduate Division of the New York University College of Engineering this autumn in offering a new course in food engineering, which is one of the seventeen new courses to be given during the coming academic year.

According to Dr. Henry J. Masson, director of the Graduate Division and chairman of the department of chemical engineering, these courses will be conducted in the departments of administrative, chemical, civil, electrical and mechanical engineering and in the department of meteorology.

They are designed principally in accordance with the expressed needs of men employed in industrial and governmental work. The bulk of all graduate instruction at the college is offered in the evenings and on Saturdays, and combines advanced study with the practical experience and knowledge gained as a result of day-time occupations.

The course in food technology was developed after consultation with leading food technologists, many of whom will assist in teaching the course. It was based upon the concept of unit operations as developed by the chemical engineer, modified and adapted to the food industry. Lectures by industrial specialists will cover such topics as pasteurization, refrigeration, baking, packaging and bottling, canning, humidification and air conditioning.

Among the industrialists who will lecture during the course are: C. G. Segeler, American Gas Company; J. E. Guinane, Frosted Food Sales Corporation; C. A. Southwick, General Foods Corporation; C. O. Ball, American Can Company; Laurence V. Burton, *Food Industries,* and James A. Lee, *Chemical and Metallurgical Engineering.*

New courses in foundation engineering and soil mechanics will be offered by the department of civil engineering, in addition to other advanced courses in materials testing and model analysis. Polarized light will be employed in determining stress directions, while Beggs deformeter gages will be used on structural models.

Courses in the principles of audio-frequency, advanced radio-frequency and fundamentals of power system analysis will be added by the department of electrical engineering. The mechanical engineering department will add a course dealing with centrifugal pumps and compressors, while the department of meteorology will offer a new course in maritime meteorology and oceanography. Two new courses will be added by the department of administrative engineering covering production control and statistics. In addition to the course in food engineering the chemical engineering department will also add courses in mathematics as applied to chemical engineering and diffusional processes.

In cooperation with the Westinghouse Electric and Manufacturing Company, the division will also offer new courses covering industrial marketing, applications of electrical equipment and power system relaying.

THE DETROIT ZOOLOGICAL PARK

Museum News states that expenditures for improvements and additions to the Detroit Zoological Park under Federal work programs have cost $1,556,000 in allotments from the United States Government and $380,000 contributed by the park commission. New structures at the park completed in this building program include the administration building, the animal service building, the animal hospital building, hippopotamus building and exhibit, ostrich house, tiger exhibit and building, North American barnyard exhibit and building, South American mammal building and barless exhibit, South American pampas and buildings, African swamp exhibit enlarged and new building, monkey island, bear den and maternity cages, animal theater, aoudad rock and moats, beaver exhibit, trout stream with reservoirs and cascade, vegetable cellar of concrete and steel, and barless enclosures for alligators, reptiles and wolverine, raccoon and wolf. A log aquarium is in process of construction. Improvements were made in the North American plains exhibit; and the structure used formerly for a skunk exhibit was rebuilt for reptiles. For the railroad that encircles the park new stations, underpasses and a comfort station were completed. In addition, the wire enclosing fences were replaced with masonry walls; and sewers, water lines, paved walks and paved service roads were built. There are new entrance gates, new landscaping including the planting of hundreds of trees and new hotbeds for the greenhouses. John T. Millen is director of the park.

THE WOODS HOLE OCEANOGRAPHIC INSTITUTION

C. O'D. ISELIN, assistant professor of oceanography at Harvard University, director of the Woods Hole Oceanographic Institution, contributes an article to *The Collecting Net,* giving an account of the eleventh annual meeting of the Board of Trustees, which was held on August 15. Besides the ordinary routine business, the trustees voted to accept the *Anton Dohrn,* a gift from the Carnegie Institution of Washington. This 70-foot power boat was formerly used at the Tortugas Laboratory in Florida and will be converted during the coming winter for work in the coastal waters off New England.

The trustees discussed the rôle of modern ocean-