
THE INTEGRAL

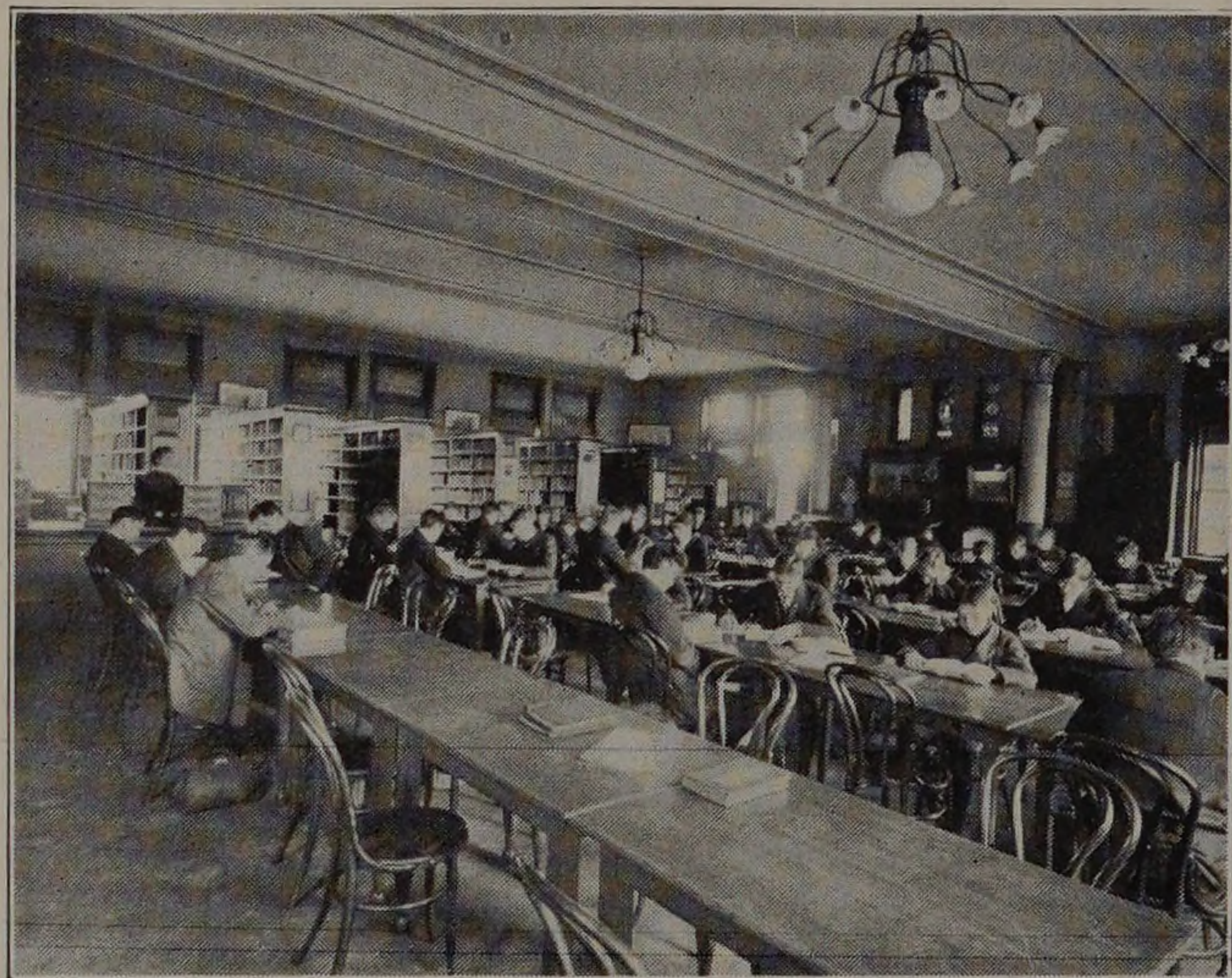
in Machine Tool Work has been added to the schedule of the Sophomore year.

The new Underwriters' Laboratories, at 208 East Ohio Street, have been completed during the past year. The building is of fire-proof construction throughout, one hundred by fifty feet, on the ground floor, and fifty by fifty feet, on the second and third stories. The construction is mostly of hollow terra-cotta tile and steel. The wearing floors are of concrete laid over the tile.

The main floor is devoted to general experimental work, the rear portion, fifty by fifty feet, being pitched toward the center and provided with a drain. This rear portion is used for most tests in which water, in considerable quantity, is used. The basement contains, beside the heating apparatus and cold storage, a suction tank for the fire pump on the main floor, a room equipped for tests of Automatic Dry Pipe and Alarm Valves, used in automatic sprinkler systems. The second floor is given up entirely to offices, and the third floor contains the Electrical and Chemical Laboratories, a dark-room, and some storage space. A yard, one hundred by fifty feet, adjoins the building on the East, and is used for Fire Tests, not practicable within doors.

The new building provides, in all, practically twice the floor space which was available in the old quarters, and numerous branches of work, which were, of necessity, slighted at the former location, are now amply provided for. For out-door work about seventy-five per cent more area is now provided, with prospects of further increase.

THE LIBRARY



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The year 1906 brings the thirteenth Anniversary of the founding of the Armour Institute of Technology Library, which has grown from seven thousand volumes, in 1893, to twenty thousand volumes, at the present time. Periodicals and serials, currently received, number one hundred twenty-eight. A vertical file has been placed in the office to render more useful the seventy-five Bibliographies, which have been made on Engineering subjects. These Bibliographies are in alphabetical order and may be used at any time.

A noticeable feature, in the past year's history of the Library, has been