Illinois Tech's Electrical Engineering Department has developed one of the outstanding programs of study in the power field. In its AC Network Calculator Laboratory—one of the few possessed by schools—advanced students participate in the solution of actual public utility and industrial power system problems.

Also underway is an expanding program to extend the significant contributions made in the communications field, and to provide proper facilities for the increasingly important study of industrial electronics control.

Approximately 95 per cent of Illinois Tech's students attend physics courses at Technology Center. The Institute is one of few schools equipped with a Van de Graff Generator—a particular type of atom smasher. Its electron microscopes were among the first in the Chicago area, with far-reaching applications in the manufacture of paints, batteries, steel, and alloys. While confined to meager space, its Spectroscopy Laboratory attracts scientific visitors from all over the world. Here molecular structure is studied, with valuable applications in the steel and petroleum industries.

The new Electrical Engineering and Physics Building will offer many diversified opportunities for benefaction. Besides such specialized laboratories as Basic Electric Circuits and Electrical Machinery, Nuclear Physics, Radio and Television, the building will contain lecture-demonstration rooms, classrooms, a Physics Demonstration Museum, and an integrated Physics Library.

Cost of Electrical Engineering and Physics Building: \$800,000