

THE IIT/V INSTRUCTIONAL TELEVISION NETWORK

Instructional television network classes originate from specially equipped classroom-studios on the IIT campus. Each classroom-studio is provided with three remotely-operated television cameras: one aimed at the instructor, another focused on his or her desk top, and the third placed to view students in class. Microphones pick up the voices of the instructor and students, and loudspeakers are

classrooms via two (later to be expanded to four) channels in the Instructional Television Fixed Station frequency band from an antenna located atop Sears Tower. Because transmission in this band requires a special antenna and down-converter at the receiving site, the IIT/V Network is, in effect, private. Talk-back sound is carried from receiving classrooms to the campus over leased telephone lines.



included for talk-back sound. All features are remotely controlled by a student operator from a simple control room.

Television classes are actual classroom situations. Professors have live, eye-to-eye, student contact. They are not required to make any special class preparation and are free to use the blackboard and pace back and forth, since the TV cameras are remotely aimed by the student operator. Most prefer, however, after a few trials, to lecture from a seated position, sketching their notes on the desk top in view of the overhead camera. The instructor's monitor on his or her desk and the students' monitors display the picture transmitted to off-campus receiving classrooms.

Television signals are transmitted to receiving

Receiving classrooms are of conference-room size with one or more standard television receivers, desks or tables, and talk-back microphones. IIT provides and maintains all of the equipment necessary to operate a receiving classroom.

Class notes, homework assignments, and examinations are delivered and picked up daily by an IIT courier. Coordination between campus activities and receiving sites is maintained by the IIT/V Director at IIT and an industrial coordinator at each company.

Video Taping

Employee-students who miss classes because of business trips or other organizational commitments or who wish to review