



**Classroom Academic Building and Communications Technology Complex  
Indiana University/Purdue University  
Indianapolis, Indiana**

The new 122,590 sq. ft. Classroom Academic Building and Communications Technology Complex (CAB/CTC) will house general purpose and specialized instruction spaces; the academic programs of Music, Journalism, Library and Information Science; University Information Technology Services (UITS); the Indiana Pervasive Computing Research Initiative (IPCRES) and building-wide support facilities. In addition, UITS will serve as a control hub of regional and national networks including the Abilene Internet 2 Project. The building will house instructional spaces ranging from 30 to 200 workstations. The facility is being designed for optimum flexibility with features that will enhance technology use and allow for the reconfiguration of equipment installations and the network that connects them.

The building, located directly north of the School of Law, defines the eastern edge of the campus and is visible from the campus as well as downtown and the canal areas.

A cast-in-place reinforced concrete frame was selected with a one-way, wide module system for the typical floor framing. This system was selected for its economy as well as its good vibration control characteristics, important for this type of facility. The lateral load resisting system consists of moment frames resulting in large open spaces, not compromised by the use of shearwalls.