

INFORMATION TECHNOLOGY

Current Status – Currently, the existing residence halls have little or no data and telecommunication technology integrated into the building infrastructure.

Technology Trends – The information technology has exploded in recent history. A typical multi-tasking student desires at least one internet connection, a cell phone, TV, play station or X-Box, I-Pod, refrigerator, hair dryer, laptop, desktop, electric razor, CD, DVDs player, digital camera, printer, scanner, microwave, radio, coffee maker, toaster, and an alarm clock. (Students surveyed didn't actually say they wanted an alarm clock; a parent added that.) The trend -- more electrical power is needed per student. Data lines needed for interconnecting students with each other and for sharing equipment. Wireless is here and with it presents new security and privacy challenges. Building and living unit security has become an important concern in recent years. Security cameras have been added to many campuses at building entrances and parking areas. Card readers once common at only entrance doors are becoming more prevalent at unit or room doors. Battery type card entrance locks for unit or room entrance doors are becoming more prevalent and hard wired systems, although more expensive, are sometimes favored to lower operational costs. Currently, wireless, web based systems are being introduced to the market.

Building Requirements:

- Security cameras infrastructure only for future cameras at building entrances
- Hardwired card readers at building entrances
- Card swipe locks at unit entrances – Not provided at this time
- Campus card readers for laundry and vending areas
- Wireless internet connection in lounges and study areas
- Main telecommunication room, one per building
- Telecommunication closets, two per floor
- Data connection, one per bed
- Tele connection, one per bed
- Electrical connections, 2, quad-plex (4), totaling 8 outlets per bed