

APPENDIX A SPACE SPECIFIC REQUIREMENTS

Audio-Visual Equipment Storage

- Storage requirements for AV equipment will vary depending upon the building function. The number and size of storage areas shall be determined during the programming phase of design.

Classrooms

- General Requirements
 - Install chair rail in rooms with loose seating.
 - Paint to be egg shell latex.
 - Floors to be sheet rubber. VCT or carpeting shall be used only when specifically requested by the University.
- Lighting
 - Lighting controls shall be in front of room, near the marker board and at the entrance to the room. Four levels of lighting are required, using three tube fixtures:
 - full-level for lectures and note-taking,
 - two-thirds and one-third for use of an overhead projector,
 - near-dark or completely dark for projection of other media.
 - See Division 16 for additional lighting specifications
- Electrical
 - One AC duplex receptacle opposite front entry door for media cabinet.
 - Two AC duplex receptacles each (four outlets) shall be located on both the front and rear center walls, rated at 120 volt AC, 20 amp minimum. At least one duplex outlet shall be centered on the other walls.
 - Install duplex receptacle two feet from ceiling mounted projector bracket
 - Install empty 2 ½" conduit running from side of marker board, above ceiling, turned toward projector location. Wiremold may be used for retrofits.
- Telecommunication
 - Outlets for telephone, data (both Ethernet and modem use), and the campus CATV system (satellite down-link) shall be installed in a panel located in the front room as directed by the University. See Appendix D for full VDV description and requirements.
- Projection Screen
 - A 84" x 84" matte white non-motorized projection screen shall be centered in the front of the classroom, above the marker board, on 6" brackets. For rooms with a capacity of 40 or more, contact Academic Support for proper size.
- HVAC
 - Consideration shall be given to the placement of HVAC vents to prevent interference with projection screen and ceiling projector.

- Ceiling projector support
 - Install necessary supports above ceiling to accept LCD projector bracket. To be located 16 feet from front of room on center with projection screen.
- Marker Board
 - White marker board center mounted at front of room.
- Window treatment
 - Install room darkening shades or blinds. Consult with University during selection for appropriate type.
- Audio-Visual Equipment

(Audio-Visual equipment shall be purchased by the University and funded by the loose equipment component of the project budget. Items are listed as reference for the consultant, and are not to be included in the construction specifications. Infrastructure necessary for this equipment shall be included as part of the construction.)

 - overhead projector and cart
 - VCR player
 - sound system amplifier and speakers
 - mixer
 - LCD ceiling projector, bracket and security cage
 - equipment workstation (UT standard)
 - required cabling and connectors
 - 3' X 6' table with cream or blue laminate finish
 - podium
 - faculty stool (UT standard)
 - Dell PC (model to be specified by Academic Support)
 - Starboard unit

Custodial Closets and Storage

- Closets
 - Custodial closets shall not be shared with other functions (e.g., telephone backboards, electrical panels, etc.).
 - One per floor, preferably located near a restroom: 7' x 10'.
 - Electrical outlet, 120 volt, 20 amp, GFI.
 - Minimum of two shelves, starting at 4' 6" above floor.
 - Utility hanger for mops and brooms. Rubbermaid or equal 36" x 2", mounted 65" from the floor.
 - Doors shall be minimum 3' 0" wide and be fitted with metal kick-plate.
 - Floor-mounted stone slop sink (24" x 24") with metal collar.
 - Splash plate on the wall around the slop sink.
 - Bib faucet with hose thread and back flow preventer installed.
 - 1-2 fluorescent lights with safety guard.
 - Floor shall be sealed concrete.
 - Light switch shall be a 2-hour mechanical timer.

- Storage
 - Locate on 1st floor, near loading dock. Area shall be 10' x 20'.
 - Requires electrical service for recharging batteries, 120 volt, 20 amp (See OSHA 1910.17).
 - Requires ventilation for recharging batteries (See OSHA 1910.17).
 - Floor level slop sink with metal collar.
 - Reinforced storage shelves, wall-mounted along one entire wall, floor to ceiling.
 - Concrete floor, sealed.
 - Doors shall be minimum 3' 0" wide.
 - Lighting fixtures require safety guards.

Maintenance Areas (for new buildings and major renovations)

- Maintenance Personnel Work Area
 - Provide a secure work area for maintenance personnel of 100 sq. ft. with workbench and tool storage. This may be located within a mechanical room provided it is designed as a separate, enclosed space.
- Maintenance Items Storage
 - Provide a storage space of one percent of the gross square footage of the building, or 100 sq. ft. (whichever is greater) for the storage of building maintenance items such as spare floor tile, etc.

Recycling Stations

- Each floor of a building shall have an area for the placement of recycling containers located in a main corridor or other public area. This space shall be 30" x 10', and shall be designed as an alcove or other space that will not obstruct traffic. More than one location may be required depending upon the floor size and layout. This shall be determined during the early stages of design.

Restrooms

- Walls
 - Concrete block walls shall be painted with latex paint containing mold and moisture resistant properties, not tiled.
 - Ceramic tiled walls shall use 4" x 4" tiles, with dark-pigmented grout. Tile shall extend floor to ceiling for all walls with plumbing fixtures affixed. For all other walls, the tile will extend 5' 0" above finished floor.
- Ceilings
 - Ceilings shall be drywall with flush-mounted lighting fixtures.
 - Where mechanical devices exist above ceilings (e.g., pipes, traps, valves, etc.), access panels or non-porous lay-in tile shall be installed.

- Urinals
 - Urinals shall be wall-mounted, with manual flush valves.
 - Urinal design shall have an integral minimum 8" deep privacy panel and 2" internal trap.
 - Only the required number of urinals shall be lowered to ADA approved height.
- Toilets
 - Toilets shall be wall hung where possible, with manual flush valves, with heavy duty solid plastic seats, white.
 - Toilets shall have largest commercial throat and neck drain.
- Sinks
 - Sinks shall be wall hung, with manual, single-lever water valves.
 - No countertops shall be included (with the exception of residence halls).
 - Lock shields shall not be included on sink valves.
- At least one stainless steel shelf, minimum 12" deep by 24" wide, shall be installed near the entrance in each restroom, mounted 42" above the floor.
- Partitions shall be fiberglass reinforced plastic, ceiling hung.
- Lighting shall be activated by motion detectors. At least one fixture, near toilet stalls, shall be on a night light circuit.
- A central floor drain shall be included in each restroom, with automatic trap primers and valves for new construction only.
- Utilize small mirrors with stainless steel frames over each sink in lieu of large recessed mirrors.
- Floor shall be slip-proof ceramic mosaic tile that is 1" x 1" or 2" x 2", with dark pigmented grout.

See Division 10 – SPECIALTIES, for Restroom Accessories