CERTIFIED NURSING AIDE (CNA) LAB

SPACE DESCRIPTION

The Certified Nursing Aide (CNA) Lab is a dedicated, combined classroom and skills lab for lectures and hands-on training in caring for older adults. CNA Labs are similar to Nursing Labs, but shall be designed to create a comfortable, homey environment more typical of an assisted living facility. The labs require specific equipment, support utilities, and access to a kitchen for training, either within the lab or in close proximity. Storage rooms shall adjoin the CNA Lab.

The size of the CNA Lab is dependent on the number of students served and the programs available at the campus. For CNA, a cohort of 16 students is typical. The Lab shall provide seating for 20 students if Qualified Medication Aide (QMA) is offered.

The layouts shown are illustrative of basic concepts and spatial needs. Specific requirements may be accommodated on a project by project basis, according to each campus' needs.

The following tracks may be served by the CNA Lab:
- Certified Nursing Aide (CNA)
- Qualified Medication Aide (QMA)
- Home Health Aide
- Dementia Care
- Geriatric Care

As all programs in the Healthcare field quickly evolve and advance with technology, so too, must the space they occupy. The Lab shall be planned with flexibility and reconfiguration in mind.

SUCCESS FACTORS

Combined space: Training is most successful when instructors and students can move back and forth between lecture and skills practice.

Experiential: Students in the CNA program are learning first-hand how to care for adults who need help with aspects of daily living. Students require all the necessary resources, practicing on Mannequins and using realistic equipment to simulate and experience real-life situations.

Storage: Storage space is critical for linens, a gurney, and miscellaneous items. Connections for a washer and dryer shall be provided in the Storage room.

GENERAL

All perimeter walls shall be full height to deck.

ADJACENCIES

Separate but adjacent space is required for the following: **Storage.** A kitchen shall be provided inside the CNA Lab or within close proximity, see **Mock Apartment** standard.

Ideally, CNA Labs adjoin other programs in the healthcare sciences for efficiency in shared spaces and cross-training between programs. CNA Labs shall be located within close proximity to faculty offices.

ACOUSTICS

Acoustic ratings for CNA Lab perimeter walls: STC 50. Special accommodations may be required due to location in the building.

Maximum recommended HVAC Background Noise: 40dBa

Follow the recommended methodologies and best practices for mechanical system noise control in ANSI Standard S12.60; the 2015 ASHRAE Handbook-- HVAC Applications, Chapter 48, Noise and Vibration Control (with errata); and AHRI Standard 885–2008.

Maximum NC Level for VAV's shall be less than 30 at maximum CFM

MECHANICAL

Window or room unit systems are not acceptable in CNA Labs due to poor acoustic performance.

Verify specific needs on a project-by-project basis while planning for flexibility in the future. Provide the following, at minimum:

- Provide handwash sinks with foot pedals or sensors.
- Provide connections for washer and dryer in adjacent Storage Room.

ELECTRICAL & DATA

Place wall outlets at no more than 6' intervals or as required based on the bed workstation layouts. When laptops are a requirement for learning, special consideration is necessary. Coordinate with data requirements.

- Provide power and data for student laptops and devices at each patient bed.
- Provide power and data for standard Learn Anywhere technology package:
  - o 2 (+/-) 75" touchscreen TVs on the front teaching wall
  - o Instructor station with PC
  - o Audio/ sound system to include instructor microphone, soundbars and wireless connection to student headsets as needed.
- ALTERNATE: Provide power and data in ceiling for 2 projectors at the front wall, in lieu of touchscreen TVs.

LIGHTING

- Provide LED lighting system with appreciable indirect component and good diffusion for maximum visibility from all directions.
- Provide controls for zoning and dimming. Front row shall be switched separately with three preset dimmable levels: low, medium, high. Provide a dimmer switch at the Instructors Station.
- Provide task lighting at patient beds.
- Provide low-brightness luminaires with high visual comfort probability (VCP) in all viewing directions.   Average 40fc at 30" A.F.F. Min CRI 80.
- Lighting watts per square foot and controls shall meet the latest requirements of ASHRE 90.1

TECHNOLOGY

- Provide Wireless capability throughout CNA Labs.
- Coordinate equipment for Learn Anywhere technology package, per Ivy Tech specification.

- Provide data outlets at same interval as power.
- Provide telephone service.

ACCESSORIES AND EQUIPMENT

Equipment needs include:

- On front teaching wall, provide 16' wide projectable whiteboard with marker tray. Whiteboard shall be matte white, low-glare, 4.0 gain; and must support 16:9 projection dimensions.
- On side walls, provide 8'-0" tack strip mounted 72" A.F.F. and 8'-wide whiteboard with marker tray. Rolling whiteboards may also be used.
- Patient beds with the following:
  o Over the bed tables
  o Bedside tables and storage cabinet
  o Privacy curtains
  o Patient chair
  o Wall mounts for ophthalmology scopes and blood pressure cuff
- Wall-mounted glove dispensers
- Wall-mounted hand sanitizer dispensers

FURNITURE

Furniture shall be selected for flexibility and mobility. Provide the following standard furnishings for CNA Labs:

- Tables and chairs on casters for flexibility and mobility, coordinating caster type with flooring material.
- Workstations shall have integral power and data connections.
- Wall and base cabinets with locks.
- Cabinets for mannequin storage. Storage shall be horizontal drawers with integral power.
- Wheelchairs and transfer boards
- Commodes

Items and accessories such as recliner chairs and artwork make for a restful and relaxing environment similar to a nursing home or assisted living facility.

FINISHES

Ceilings

Recommended Height: 9' to 10', with special consideration to acoustics when greater than 10'.

Ceilings shall have an NRC of .70 to .85.

In renovations, classrooms without full height perimeter walls shall have ceilings with high CAC (Ceiling Attenuation Class) values.

Floors

Hard surface, no-wax flooring is required.

Countertops

Solid surface required for all wet and chemical areas.

DOORS AND WINDOWS

CNA Lab doors must allow the movement of hospital beds. Provide 5'-0" clear, minimum.

Doors shall be minimum STC 30 with 6" x 30" Window Lite preferred.

Provide locked entry door. Key fob access preferred.

STORAGE

SPACE DESCRIPTION

Directly adjacent to the CNA Lab, the Storage Room provides a secure location for the storage of equipment and supplies.

Provide 5'-0" clear doorway for movement of gurney. Provide lockset door hardware.

Provide the following:

- Heavy-duty wall shelving
- Storage racks for items such as pillows, linens, transfer boards
- Wall and base cabinets with countertop workstation with power and data
- Connections for a washer and dryer shall be provided.