MOCK APARTMENT SIM LAB

SPACE DESCRIPTION

The Mock Apartment SIM Lab is meant to mimic a residential suite or apartment. This space supports various programs of study by providing realistic scenario space for accurate training opportunities. The Mock Apartment may contain typical living space including a combined living room/ kitchenette, bathroom, and optional bedroom.

The size of the Mock Apartment SIM Lab is dependent on the needs of programs at the campus. Some programs may be served by the living room/ kitchenette and bathroom, while others may also require a bedroom. The Mock Apartment is intended to be a small, cramped space mimicking an over-crowded residential unit.

The layout shown is 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 programs may use the Mock Apartment SIM Lab:
- Paramedic
- Criminal Justice
- Certified Nursing Aide (CNA)
- Home Health Aide

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

Experiential: Students in the various healthcare sciences and social services are learning to care for people in real-life situations. The Mock Apartment simulates a living space where students can practice skills in encountering or caring for people in their own homes.

Adjacencies: This shall be a flexible space for various departments' use. The availability of the Mock Apartment to serve many programs is a key part of its value and success. The Mock Apartment shall be located near other instructional space, for easy access and convenience in simulation training.

Recording capabilities: It is crucial to provide cameras for recording and playback for video-assisted debriefings.

GENERAL

All perimeter walls shall be full height to deck.

ADJACENCIES

A 20-person **Classroom** shall be located adjacent to the Mock Apartment. Technology for video-assisted debriefings shall connect to the Classroom's Learn Anywhere technology package.

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

ACOUSTICS

Acoustic ratings for Mock Apartment SIM 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

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

- Provide handwash sink in kitchenette.
- Provide Stove and Refrigerator in kitchenette.
- Provide non-functional plumbing fixtures in Training Bathroom.

ELECTRICAL & DATA

Place wall outlets at no more than 6' intervals, mimicking a typical apartment when locating the outlets. Coordinate with data requirements.

Provide Power and data for recording devices for video-assisted debriefing system.

LIGHTING
- Provide LED lighting in warm, soft white color.
- Provide task lighting in kitchenette and bedroom.
- Lighting watts per square foot and controls shall meet the latest requirements of ASHRE 90.1

TECHNOLOGY
- Provide Wireless capability throughout Mock Apartment SIM Labs.
- Coordinate A/V system with camera for recording and playback in video-assisted debriefing system.
- Provide PSEP cameras throughout.
- Provide data outlets at same interval as power.
- Provide telephone service.

ACCESSORIES AND EQUIPMENT

Equipment needs include:

- Small, functional kitchen with Refrigerator and Stove
- Murphy Bed, when a bedroom is not included in the program

FURNITURE

Provide the following standard furnishings for Mock Apartment SIM Labs:

- Tables and chairs
- Wall and base cabinets with locks.
- Bed (or Murphy bed)

FINISHES

Ceilings

Recommended Height: 8' to 10' to mimic a residential environment.

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

Provide 2'-10" doors to mimic residential conditions with lockset. Key fob access preferred.

No exterior windows, or provide blackout curtains.