

## PAINTING AND DRAWING LAB

### SPACE DESCRIPTION

The Painting and Drawing Lab is a combined lecture and skills lab where students learn styles, applications, and techniques of hand-drawing in various media such as graphite, charcoal, ink and colored pencils. The room shall be arranged for flexibility with tables and stools, or easels, as required by the program.

Separate, adjacent space within Lab may be required for equipment such as a spray booth with independent exhaust system, a prop storage, and general storage. Private space shall be provided for use as a dressing room for a figure model.

### GENERAL

All perimeter walls shall extend full height to deck.

Lab should be designed as square as possible to allow for the most flexibility, with a width to length ratio no more than 3:4.

Anticipated Room Occupancy 16

Minimum Ceiling Height: 9'

### ADJACENCIES

Display space for student work: Gallery.

Consider interior windows to provide visibility of the program in action from high-traffic areas in the building.

Provide for disposal of waste materials

Access to laundry, locker rooms, showers and custodial amenities.

### ACOUSTIC

Acoustic ratings for Fine Art Lab perimeter walls: STC 45. 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

Special air handling and ventilation for painting, oils and solvents. Additional independent exhaust for spray painting booth. Coordinate with specific program requirements.

### PLUMBING / GASES / UTILITIES

Large, deep Sinks

ADA Sink

## ELECTRICAL & DATA

Verify equipment specifications and requirements with the program.

Place wall outlets at no more than 6' intervals or as necessary to allow for 30% coverage.

Provide power and data in ceiling for 2 projectors at the teaching wall.

Audio / sound system to include instructor microphone, soundbars and wireless connection to student headsets as needed.

## LIGHTING

Provide LED lighting system with appreciable indirect component and good diffusion for maximum visibility from all directions. Lighting color rendition to be 5,000K – 5,500K (Natural White to Pure White)

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 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

Prefer North-facing windows or clerestory for natural daylight.

Track Lighting: Coordinate with specific program requirements.

## TECHNOLOGY

Provide Wireless capability.

Provide data for projectors, Instructors Station, and any other equipment needed. Verify equipment specifications and requirements.

## ACCESSORIES AND EQUIPMENT

Provide 16' wide projectable whiteboard with marker tray at the front teaching wall. Whiteboard shall be matte white, low-glare, 4.0 gain; and must support 16:9 projection dimensions.

Provide two framed 4' x 4' tackboards.

Provide storage systems within the Lab and separate storage rooms within the Lab for equipment, tools, supplies, and props. Adjacent storage room also serves as a dressing room for models.

Provide space for painting storage systems, flat files, cutting boards, large format rotary cutters, large guillotine paper trimmers, easels, benches, model stand, prop storage, tables and stools within the Lab.

## FURNITURE

Furniture shall be selected for durability, cleanability, mobility and flexibility.

## FINISHES

### Ceilings

Recommended Height: 9' minimum.

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

Sealed concrete or Hard surface flooring.

### Countertops

Solid surface or stainless steel, typical. Verify requirements with the program.

### Walls

Epoxy Paint.

## DOORS AND WINDOWS

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

Windows or clerestory for daylight: North facing preferred.

Consider interior windows to provide visibility of the program in action from high-traffic areas in the building.