

# FACILITY CONDITION ASSESSMENT VOLUME III: EDUCATIONAL STANDARDS

ALAMO COMMUNITY COLLEGE DISTRICT

JULY 2005

SAN ANTONIO  
COLLEGE

ST. PHILIP'S  
COLLEGE

SOUTHWEST  
CAMPUS

PALO ALTO  
COLLEGE

NORTHWEST  
VISTA  
COLLEGE

NORTHEAST  
CAMPUS

CENTRAL TEXAS  
TECHNOLOGY  
CENTER

DISTRICT  
FACILITIES

ACCD

## Foreword

Facility Programming and Consulting along with 3D/I were engaged to complete a facility condition assessment and space utilization study of the educational and support buildings within the Alamo Community College District and in turn provide a cost analysis of each facility. In addition to defining needed improvements at each campus, this study strives to establish the equity of facilities among the individual colleges/campuses with respect to enrollment. The condition assessment, space utilization study, and suggested campus square footage totals are intended to give future design/construction teams a starting point--a "workbook" from which to begin. This workbook lists the recommended additional square footages for each college/campus and the overall costs associated with the condition assessment. The recommended additional square footage for each campus provides a basis for future design/construction teams to create a more detailed program of requirements. All diagrams and drawings are intended to illustrate the findings and current conditions of the facilities of this study, show functional relationships and augment the text. Future design teams should not consider any of the diagrams to be a firm design directive.

The report consists of four volumes:

- Volume I: Projections and Strategy (separately bound document)
- Volume II: Facility Condition Summary (separately bound document)
- Volume III: Educational Standards
- Volume IV: Architectural Standards (submitted in an electronic format)

Volume III is organized into thirteen chapters.

- Chapters one through eight present specific educational standards by type of facility.

Volume I contains summary of strategic campus plans including projections and strategy for each campus and all of its buildings.

Volume II contains summary of facility condition assessment and detailed assessment reports for each campus and all of its buildings.

Volume IV contains standards for architectural requirements.

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## Foreword

FACILITY  PROGRAMMING  
AND CONSULTING

- Strategic Facilities Planning
  - Architectural Programming
  - Space Utilization Analysis
  - Needs Assessment
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  - Laboratory Planning
- Frost Bank Tower/Suite 1100  
100 West Houston Street  
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(210) 228-9600 v  
(210) 228-9697 f  
[www.facilityprogramming.com](http://www.facilityprogramming.com)

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**3D/I**

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# General Classrooms

## Small Classroom (>25)

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### Part 1 General Requirements

---

#### Capacity & Size

- 25sf. Per student (tables and chairs)
- 20sf Per student (tablet arm chairs)
- 100sf. For teaching station
- 700sf Total area for room with tables and chairs
- 580sf Total area for room with tablet arm chairs

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act
- Movable tables 72" x 24" and standard movable chairs
- Or tablet chairs as an option (specific tablet chair to be specified)
- If tablet chairs are recommended, 10% of the room capacity shall be left handed tablet chairs

#### Teaching Stations

- Movable desk and chair
- Small movable lectern

#### Room Entry

- Door shall have a vision light
- General classroom doors shall have key locks
- One door shall be located in close proximity to the teaching station
- Locate doors to minimize congestion problems

### Part 2 Physical Environment

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#### Flooring

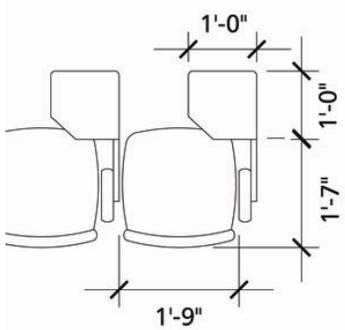
- Flooring shall be Carpet Squares

#### Walls

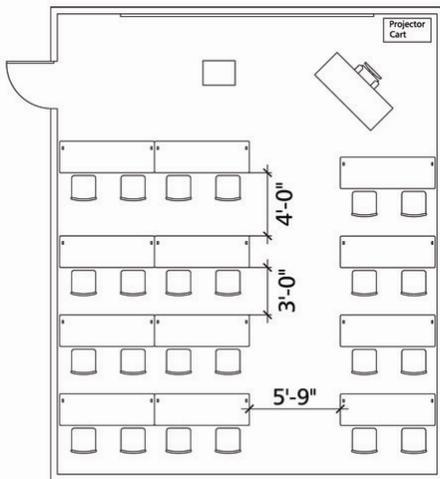
- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

#### Ceiling

- Ceiling shall have acoustical tile



Minimum Standards and Distances for Tablet Arm Chairs

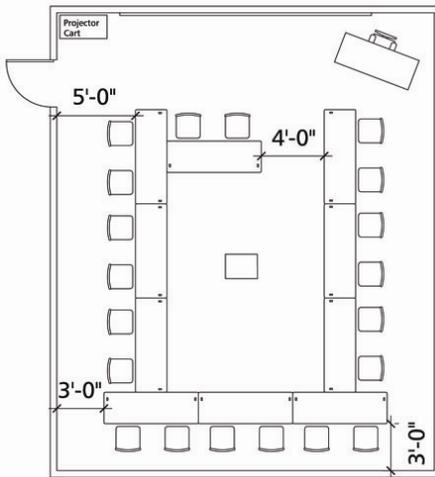


Possible layout of a Small General Classroom. Example classroom is a total of 700sf and holds 24 students with multiple possibilities for ADA stations.

## General Classrooms

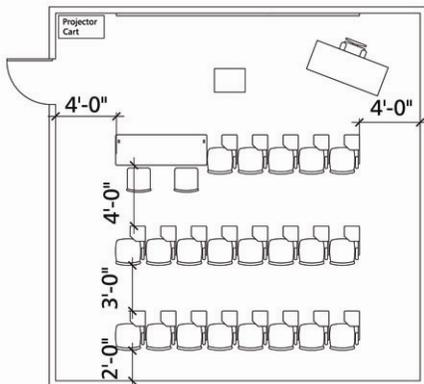
### Small Classroom (>25)

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Possible layout of Small General Classroom utilizing a “ring” arrangement of the tables.

Example classroom is a total of 700sf and holds 20 students with multiple possibilities for ADA stations.



Possible layout of Small General Classroom utilizing tablet arm chairs. Example classroom is a total of 580sf and holds 23 students with two possible ADA stations.

### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen and marker board from the seating area shall not be obstructed

### Acoustics

- Speech shall be intelligible without amplification
- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors
- Windows shall have blinds or darkening shades for control of natural light

## Part 3 Technology & Instructional Aides

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### Technology

- Room shall have a minimum of (2) data LAN ports close to the teaching station
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls
- Portable overhead projectors on carts

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- Chalkboards shall be an option in the math and science departments with administrative approval only
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72” wide and will not cover more than half of the marker board surface

## **General Classrooms**

Small Classroom (>25)

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### **Part 4 Special Instructions**

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#### **Locations**

- Locate classrooms of a mixed function building on the lower level to provide better student access
- Classroom functions should be a core separated from offices and laboratories
- Locate building entrances in accordance with the direction of the pedestrian flow from other campus buildings and parking areas

# General Classrooms

## Medium Classroom (25-30)

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### Part 1 General Requirements

---

#### Capacity & Size

- 23sf. Per student (tables and chairs)
- 18sf Per student (tablet arm chairs)
- 100sf. For teaching station
- 790sf Total area for room with tables and chairs
- 640sf Total area for room with tablet arm chairs

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act
- Movable tables 72" x 24" and standard movable chairs
- Or tablet chairs as an option (specific tablet chair to be specified)
- If tablet chairs are recommended, 10% of the room capacity shall be left handed tablet chairs

#### Teaching Stations

- Movable desk and chair
- Small movable lectern
- Fixed lockable media cabinet

#### Room Entry

- Doors shall have a vision light
- Doors shall require card reader access
- Room shall have dual access depending on layout and size
- One door shall be located in close proximity to the teaching station
- Locate doors to minimize congestion problems

### Part 2 Physical Environment

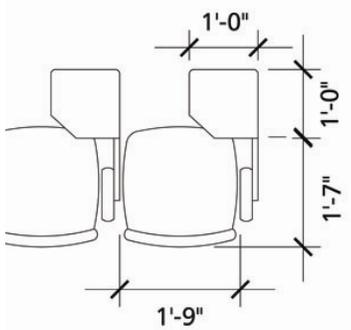
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#### Flooring

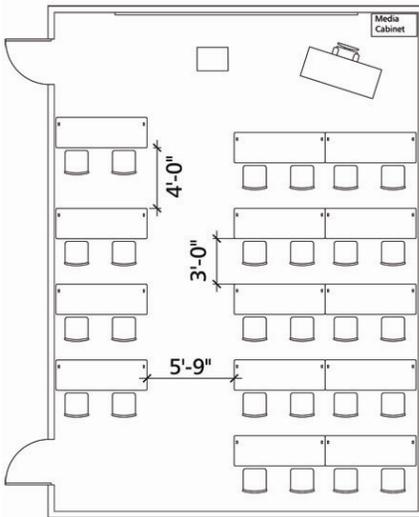
- Flooring shall be Carpet Squares

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall



Minimum Standards and Distances for Tablet Arm Chairs



Possible layout of Medium Sized General Classroom. Example classroom is a total of 790sf and holds 28 students, a room with one exit should hold 30 students. There are multiple possibilities for ADA stations.

## General Classrooms

### Medium Classroom (25-30)

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#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen and marker board from the seating area shall not be obstructed

#### Acoustics

- Speech shall be intelligible without amplification
- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors
- Windows shall have blinds or darkening shades for control of natural light

## Part 3 Technology & Instructional Aides

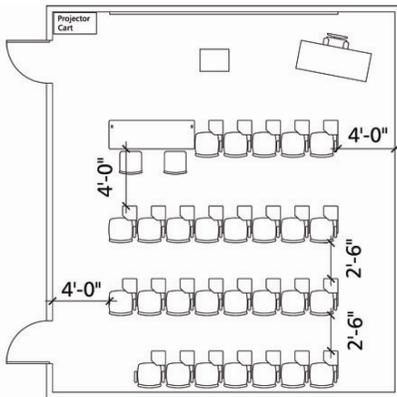
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#### Technology

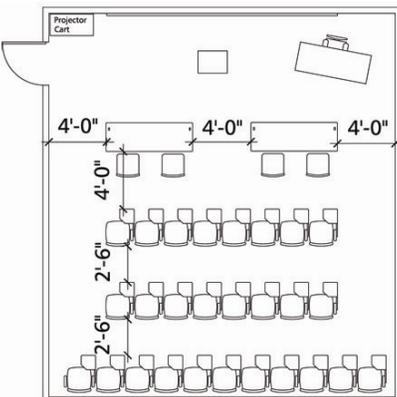
- Room shall have a ceiling mounted projector
- Room shall have a minimum of (2) data LAN ports close to the teaching station
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls in accordance with current code

#### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- Chalkboards shall be an option in the math and science departments with administrative approval only



Possible layout of a Medium Sized General Classroom utilizing tablet arm chairs. Example classroom is a total of 640sf and holds 30 students with two possible ADA stations. (Two Exit Doors)



Possible layout of a Medium Sized General Classroom utilizing tablet arm chairs. Example classroom is a total of 640sf and holds 23 students with four possible ADA stations. (One Exit Door)

## **General Classrooms**

### **Medium Classroom (25-30)**

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- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72” wide and will not cover more than half of the marker board surface
- Room shall have document camera, DVD player, VCR and computer in media cabinet

## **Part 4 Special Instructions**

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### **Locations**

- Locate classrooms of a mixed function building on the lower level to provide better student access
- Classroom functions should be a core separated fro offices and laboratories
- Locate building entrances in accordance with the direction of the pedestrian flow from other campus buildings and parking areas

## General Classrooms

### Conference Room (15)

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#### Part 1 General Requirements

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##### Capacity & Size

- 350sf
- Capacity for 15 individuals

##### Student Seating

- Seating shall comply with the Americans with Disabilities Act
- Movable tables 72" x 24" and standard movable chairs

##### Teaching Stations

- Small movable lectern
- Fixed lockable media cabinet

##### Room Entry

- Door shall have a vision light
- Door shall require card reader access
- Locate door to minimize congestion problems

#### Part 2 Physical Environment

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##### Flooring

- Flooring shall be Carpet Squares

##### Ceiling

- Ceiling shall have acoustical tile

##### Walls

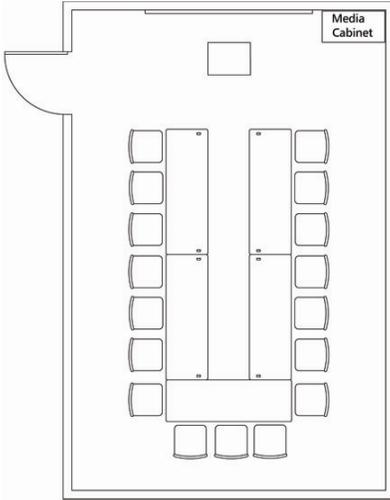
- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

##### Site Lines

- Room shall have no visual obstructions or interior columns

##### Acoustics

- Speech shall be intelligible without amplification
- Sound shall not intrude from adjacent space



Possible layout of a Conference Room utilizing movable tables and chairs. Total area is 350sf accommodating up to 17 students and/or faculty.

## **General Classrooms**

### **Conference Room (15)**

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- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise producing areas

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the entry door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

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#### **Technology**

- Room shall have a ceiling mounted projector
- Room shall have a minimum of (2) data LAN ports close to the teaching station
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls in accordance with current code

#### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- There shall be two areas each with 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface
- Room shall have document camera, DVD player, VCR and computer in media cabinet

## **General Classrooms**

Speech and Oral Language

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### **Part 1 General Requirements**

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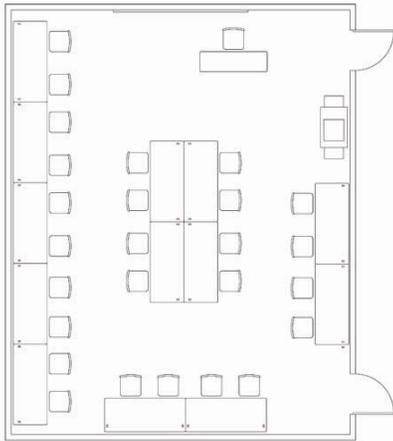
**Refer to General Classrooms – Tutorial Lab, if no Computer Equipment is needed**

**Refer to General Classrooms – Foreign Language Lab, if Computer Equipment is needed**

# General Classrooms

## Foreign Language Lab

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Possible layout for a Foreign Language Computer Lab for 26 students. Total area is 780sf.

## Part 1 General Requirements

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### Capacity & Size

- 30 sf. Per student

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable computer tables and standard chairs

### Teaching Stations

- Movable desk and standard chair
- Movable computer station

### Room Entry

- Doors shall have vision lights
- Doors shall have card reader access

## Part 2 Physical Environment

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### Flooring

- Flooring shall be Computer Grade Carpet Squares

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Room shall have no visual obstructions or interior columns

### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive air flow noise
- Room shall not share common walls with restroom, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise producing areas

## **General Classrooms**

### **Foreign Language Lab**

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#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors
- Lighting shall have multiple switches or settings to allow for note taking or viewing projected images

### **Part 3 Technology & Instructional Aides**

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#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (26) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (26) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls at a regular interval

#### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- There shall be 4 linear feet of tack able surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen

### **Part 4 Special Instructions**

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#### **Mechanical**

- Provide dust control
- Plan Cooling for 25% more than is needed to accommodate total potential number of workstations the room is capable of housing at one time with a temp. of 75° F

# General Classrooms

## Tutorial Lab

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### Part 1 General Requirements

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#### Capacity & Size

- 30sf. Per student (tables and chairs)
- 50sf. For check-in station/work desk
- 770sf Total room area

#### Student Seating

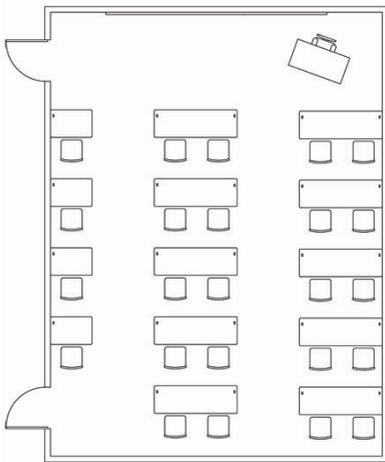
- Seating shall comply with the Americans with Disabilities Act, and all current applicable codes
- Movable tables 72" x 24" and standard movable chairs
- Create multiple rows for easy instructor mobility to facilitate teacher/student help

#### Teaching Stations

- Movable check-in desk/work desk

#### Room Entry

- Doors shall have a vision lights
- General classroom doors shall have key locks
- One door shall be located in close proximity to the check-in station
- Locate doors to minimize congestion problems



Possible layout of Tutorial Lab. Example classroom is a total of 770sf and holds 24 students with multiple possibilities for ADA

### Part 2 Physical Environment

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#### Flooring

- Flooring shall be Carpet Squares

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen and marker board from the seating area shall not be obstructed

# General Classrooms

## Tutorial Lab

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### Acoustics

- Speech shall be intelligible without amplification
- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors
- Windows shall have blinds or darkening shades for control of natural light

## Part 3 Technology & Instructional Aides

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### Technology

- Room shall have a minimum of (2) data LAN ports close to the teaching station
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls
- Room shall have ceiling mounted electric projector

### Instructional Aides & Equipment

- There shall be 8 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

# Lecture Spaces & Auditoriums

## Small Lecture Hall (75)

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### Part 1 General Requirements

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#### Capacity & Size

- 15 sf. Per student
- 150 sf. For teaching station

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Fixed seating with retractable arm tablets
- Room shall have a tiered floor
- 10% of room capacity shall be left handed desk chairs
- Non center aisles and cross aisles shall be used to maximize student viewing

#### Teaching Stations

- Movable desk and chair
- Small movable lectern
- Fixed lockable media cabinet

#### Room Entry

- Doors shall have a vision light
- Doors shall require card reader access
- Room shall have dual access
- One door shall be located in close proximity to the teaching station

### Part 2 Physical Environment

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#### Flooring

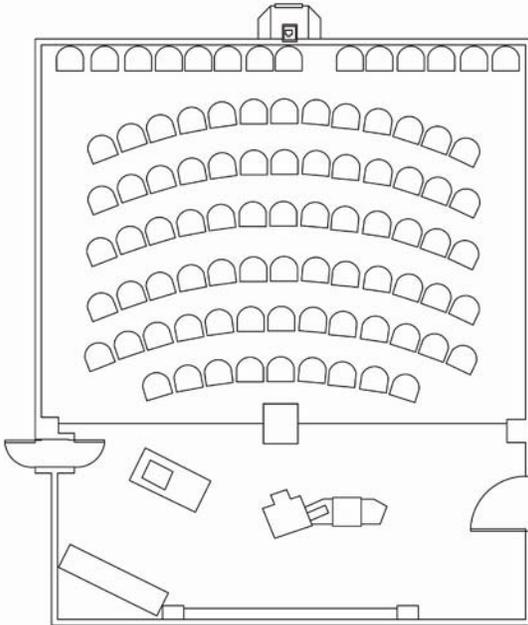
- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen and marker board from the seating area shall not be obstructed

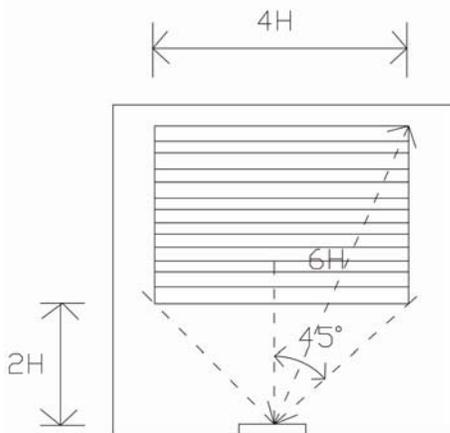
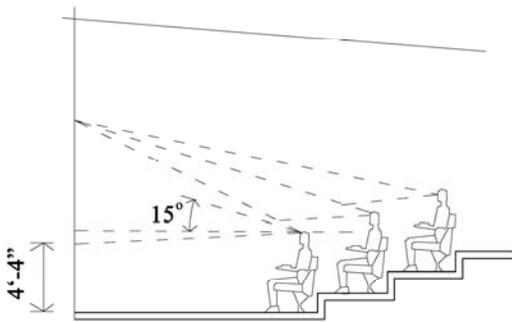


Possible layout for a small lecture hall of approximately 75 students. Image from the University of Maryland Lecture Hall Design Standards

# Lecture Spaces & Auditoriums

## Small Lecture Hall (75)

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### General Guidelines for Lecture Hall Seating

**Furthest Student** - No student should be located further than six screen height multiples from the projection screen.

**Closest Student** - No student should be located closer than within two screen height multiples of the projection screen.

**Horizontal Viewing Angle** - Students should be positioned within a 45 degrees arc off the centerline of projection.

**Screen Position** - The base of the screen should generally be at least 1.35m above the floor and located at the front of the lecture hall.

**Vertical Viewing Angle** - Students should not exceed 15 degrees maximum head tilt beyond horizontal when viewing the center of the projection screen.

(see illustrations above from the University of Maryland Lecture Hall Design Standards)

### Acoustics

- Speech shall be intelligible without amplification
- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall have a sound system, voice amplification system, and assistive listening devices
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise producing areas

### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors
- Windows shall have blinds or darkening shades for control of natural light

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports close to the teaching station
- Room shall have a minimum of (1) voice port (telephone)/data port
- There shall be power outlets in the fixed seating for student laptops

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be two areas each with 4 linear feet of tackable surface
- Room shall have a minimum of (2) wall mounted pencil sharpeners
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface
- Room shall have document camera, DVD player, VCR and computer in media cabinet

# Lecture Spaces & Auditoriums

## Large Lecture Hall (75-150)

---

### Part 1 General Requirements

---

#### Capacity & Size

- 15sf. Per student
- 150sf. For teaching station

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Fixed seating with retractable arm tablets
- Room shall have a tiered floor
- 10% of room capacity shall be left handed desk chairs
- Non center aisles and cross aisles shall be used to maximize student viewing

#### Teaching Stations

- Movable desk and chair
- Small movable lectern
- Fixed lockable media cabinet

#### Room Entry

- Doors shall have a vision light
- Doors shall require card reader access
- Room shall have dual access
- One door shall be located in close proximity to the teaching station

### Part 2 Physical Environment

---

#### Flooring

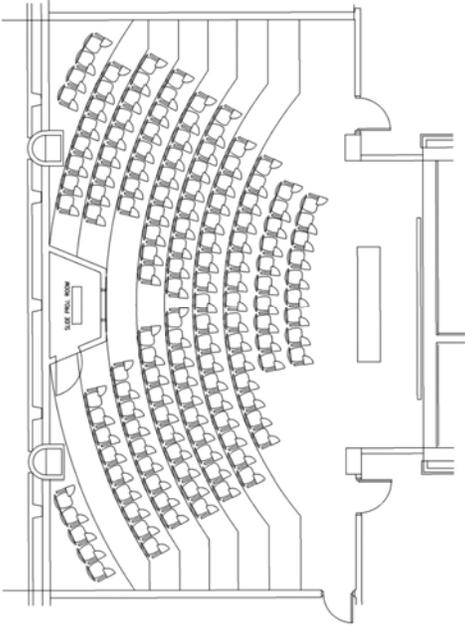
- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen and marker board from the seating area shall not be obstructed



Possible layout of a large lecture hall with approximately 150 seats. Image from the 2003 Stanford University Space Planning Guidelines

# Lecture Spaces & Auditoriums

## Large Lecture Hall (75-150)

---

### Acoustics

- Speech shall be intelligible without amplification
- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall have a sound system, voice amplification system, and assistive listening devices.
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise producing areas

### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors
- Windows shall have blinds or darkening shades for control of natural light

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports close to the teaching station
- Room shall have a minimum of (1) voice port (telephone)/data port
- There shall be power outlets in the fixed seating for student laptops

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be two areas each with 4 linear feet of tackable surface
- Room shall have a minimum of (2) wall mounted pencil sharpeners
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface
- Room shall have document camera, DVD player, VCR and computer in media cabinet

# Lecture Spaces & Auditoriums

## Performance Auditorium – Small (150)

---

### Part 1 General Requirements

---

#### Capacity & Size

- 15sf Per student
- 200sf. Stage area

#### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Fixed cushion seating
- Room shall have a tiered or sloped floor

#### Teaching Stations

- An adjustable height lectern with lighting, media, and sound capabilities shall be provided

#### Room Entry

- Doors shall have a vision light
- Dual access is required
- Doors shall have card reader access
- Rear of the building shall have a 9' wide by 8' high door for a single vehicle used in loading and unloading.

### Part 2 Physical Environment

---

#### Flooring

- Flooring in seating area shall be carpet squares
- Stage floor shall be hardwood and finished with a protective product.
- Stage shall be raked from upstage to downstage
- Stage shall be raised at a level above that of seating area
- Floor slope shall be compliant with ADA guidelines and no more than 1:12.

#### Ceiling

- Ceiling shall be acoustical tile

#### Site Lines

- View of the stage area from the audience shall not be obstructed

## **Lecture Spaces & Auditoriums**

### **Performance Auditorium – Small (150)**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall have sound amplification capabilities
- Special acoustical treatments required on wall surfaces
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise producing areas

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing performances
- Special performance lighting required
- Lighting shall have motion sensors
- Lighting shall be dimmable
- Stage lighting and audience lighting shall be controlled separately

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Auditorium shall be equipped with an intercom system
- Auditorium shall be equipped with an audio system
- Sound field of stage shall be distributed to all production areas and dressing rooms

#### **Instructional Aides & Equipment**

- Functional stage curtains shall be required for the performance stage
- Stage shall be equipped with a personnel lift
- Stage shall have choral and band risers, music stands, and an adjustable height lectern

# Lecture Spaces & Auditoriums

## Performance Auditorium – Medium (150-350)

---

### Part 1 General Requirements

---

#### Capacity & Size

- 15sf Per student
- 600-900sf. Stage area

#### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Fixed cushion seating
- Room shall have a tiered or sloped floor

#### Teaching Stations

- An adjustable height lectern with lighting, media, and sound capabilities shall be provided

#### Room Entry

- Doors shall have a vision light
- Dual access is required
- Doors shall have card reader access
- Rear of the building shall have a 9' wide by 8' high door for a single vehicle used in loading and unloading.

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares
- Stage floor shall be hardwood and finished with a protective product.
- Stage shall be raked from upstage to downstage
- Stage shall be raised at a level above that of seating area
- Floor slope shall be compliant with ADA guidelines and no more than 1:12.

#### Ceiling

- Ceiling shall be acoustical tile

#### Site Lines

- View of the stage area from the audience shall not be obstructed

## **Lecture Spaces & Auditoriums**

### **Performance Auditorium – Medium (150-350)**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall have sound amplification capabilities
- Special acoustical treatments required on wall surfaces
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise producing areas

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall be dimmable
- Separate lighting controls for audience and stage
- Lighting shall have multiple switches or settings to allow for viewing performances
- Special performance lighting required
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Auditorium shall be equipped with an intercom system
- Auditorium shall be equipped with an audio system
- Sound field of stage shall be distributed to all production areas and dressing rooms

#### **Instructional Aides & Equipment**

- Functional stage curtains shall be required for the performance stage
- Stage shall be equipped with a personnel lift
- Stage shall have choral and band risers, music stands, and an adjustable height lectern

# Lecture Spaces & Auditoriums

Performance Auditorium/Theater – Large (350-1000)

---

## Part 1 General Requirements

---

### Capacity & Size

- 15sf Per student
- 2,400sf (per 1,000 seats) Stage area

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Fixed cushion seating
- Room shall have a tiered or sloped floor

### Teaching Stations

- *Not applicable*

### Room Entry

- Doors shall have a vision light
- Dual access is required
- Doors shall have card reader access
- Rear of the building shall have a 9' wide by 8' high door for a single vehicle used in loading and unloading.

## Part 2 Physical Environment

---

### Flooring

- Flooring in seating area shall be carpet squares
- Stage floor shall be hardwood and finished with a protective product.
- Stage shall be raked from upstage to downstage
- Stage shall be raised at a level above that of seating area
- Floor slope shall be compliant with ADA guidelines and no more than 1:12.

### Ceiling

- Ceiling shall be acoustical tile
- Stage shall have a grid or fly system

### Site Lines

- View of the stage area from the audience shall not be obstructed

## **Lecture Spaces & Auditoriums**

### **Performance Auditorium/Theater – Large (350-1000)**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall have sound amplification capabilities
- Special acoustical treatments required on wall surfaces
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise producing areas

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing performances
- Special performance lighting required
- Lighting shall have motion sensors
- Lighting shall be dimmable
- Separate controls for audience and stage lighting.

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Auditorium shall have a projection booth at the rear
- Projection booth shall have follow spots
- Auditorium shall be equipped with an intercom system
- Auditorium shall be equipped with an audio system
- Sound field of stage shall be distributed to all production areas and dressing rooms

#### **Instructional Aides & Equipment**

- Functional stage curtains shall be required for the performance stage
- Stage shall be equipped with a personnel lift
- Stage shall have a grand piano, choral and band risers, music stands, and an adjustable height lectern

## Computer Labs

### Open Computer Lab (52 students)

---

#### Part 1 General Requirements

---

##### Capacity & Size

- 35sf. Per student
- 100sf. For check-in station
- Room will have a closable partition allowing for two labs of 26 students each

##### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable computer tables and standard chairs
- Movable circular tables and standard chairs

##### Teaching Stations

- Movable check-in station/work desk
- Standard chair

##### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

#### Part 2 Physical Environment

---

##### Flooring

- Flooring shall be computer grade carpet squares (anti-static)

##### Walls

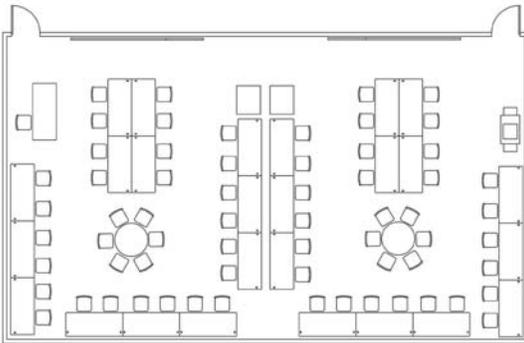
- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- One door shall be located in close proximity to the teaching station
- Locate doors to minimize congestion problems

##### Ceiling

- Ceiling shall have acoustical tile

##### Site Lines

- Not applicable, computers will be set up in a perimeter design for individual work
- Room shall have no interior columns or obstructions



Possible layout for an Open  
Computer Lab for 52 students

## **Computer Labs**

### **Open Computer Lab (52 students)**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

#### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the check-in station and entry/exit doors
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (24) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (28) data LAN ports located in the floor (verify with room configuration)
- Room shall have a minimum of (52) voice ports (telephone)/data ports
- Room shall have a frequency of outlets along the walls at a set interval in compliance with all current codes

#### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board (one per room half)
- There shall be 4 linear feet of tackable surface (one per room half)
- Room shall have a minimum of (2) wall mounted pencil sharpeners (one per room half)
- Room shall have a minimum of (2) printers (one per room half)
- Room shall have one copier

## **Part 4 Special Instructions**

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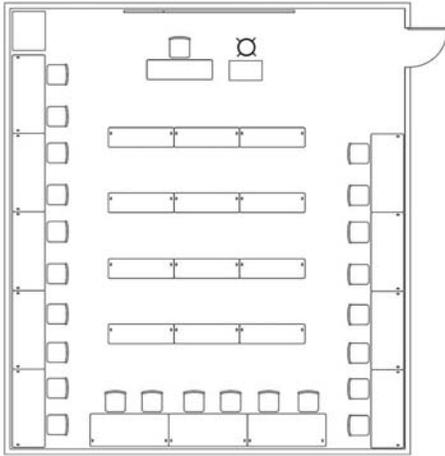
#### **Mechanical**

- Provide dust control
- Plan Cooling for 25% more than is needed to accommodate total potential number of workstations the room is capable of housing at one time with a temp. of 75° F

## Computer Labs

Classroom Computer Lab (24 students)

---



Possible layout for a classroom computer lab for 24 students

### Part 1 General Requirements

---

#### Capacity & Size

- 35 sf. Per student
- 100 sf. For teaching station

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable computer tables and standard movable chairs
- Movable tables and standard chairs (it is recommended that the desks be arranged in rows facing the teaching area)

#### Teaching Stations

- Movable desk and standard chair
- Movable computer station

#### Room Entry

- Door shall have a vision light
- Door shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be computer grade carpet squares (anti-static)

#### Ceiling

- Ceiling shall have acoustical tile

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- One door shall be located in close proximity to the teaching station
- Locate doors to minimize congestion problems

#### Site Lines

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen and marker board from the seating area shall not be obstructed
- Room shall have no visual obstructions or interior columns

# Computer Labs

Classroom Computer Lab (24 students)

---

## Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

## Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors
- Lighting shall have multiple switches or settings to allow for note taking or viewing projected images

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a mounted projector
- Room shall have a minimum of (26) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (26) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls at a regular interval

### Instructional Aides & Equipment

- There shall be 8 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen
- Room shall have a printer

## Part 4 Special Instructions

---

### Mechanical

- Provide dust control

Plan Cooling for 25% more than is needed to accommodate total potential number of workstations the room is capable of housing at one time with a temp. of 75° F

# Science Spaces

## Storage Prep Area (Chemistry)

---

### Part 1 General Requirements

---

#### Capacity & Size

- 100sf Per student

#### Student Seating

- Movable seating is preferred (lab stools)

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- Room shall have no interior columns

#### Acoustics

- Not applicable

#### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

### Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a minimum of (2) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

## **Science Spaces**

### **Storage Prep Area (Chemistry)**

---

#### **Instructional Aides & Equipment**

- There shall be 41ft of marker board
- There shall be 41ft of tack able surface
- Room shall have a minimum of (1) wall mounted pencil sharpener

#### **Special Features**

- Hazardous Materials Cabinet
- Chemical Storage Cabinet
- Fume Hood
- Eye Wash/Safety Shower
- Instructional Carts
- Sink Areas
- Glassware Storage Cabinets

# Science Spaces

## Storage Prep Area (Biology)

---

### Part 1 General Requirements

---

#### Capacity & Size

- 100sf Per student

#### Student Seating

- One rolling stool needed

#### Teaching Stations

- Not applicable

#### Room Entry

- Door shall have a vision light
- Door does not need any type of lock

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- Not applicable

#### Acoustics

- Not applicable

#### Lighting

- 70fc required for general lighting
- Lighting controls shall be located within close proximity to the door
- Lighting shall have motion sensors

### Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a minimum of (2) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

## **Science Spaces**

### **Storage Prep Area (Biology)**

---

#### **Instructional Aides & Equipment**

- There shall be 4 linear feet of marker board
- There shall be 16 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener

#### **Special Features**

- Hazardous Materials Cabinet
- Chemical Storage Cabinet
- Fume Hood
- Eye Wash/Safety Shower
- Instructional Carts
- Sink Areas (large and deep)
- Glassware Storage Cabinets
- Need shelving units, not all storage cabinets
- Need growth area with special lighting for plants and other live specimens
- Need to ensure adequate drainage without covered pipes
- Outlets on every wall
- Need safety mats in front of sinks

# Science Spaces

## Dry Lab (Chemistry)

---

### Part 1 General Requirements

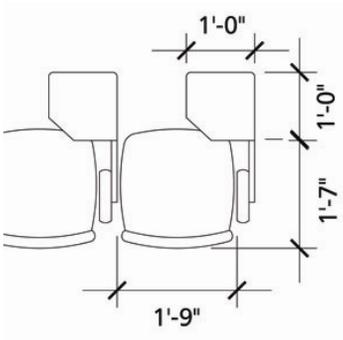
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#### Capacity & Size

- 50sf Per student
- 100sf For teaching station

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act and all applicable codes
- Movable tables 72" x 24" and standard movable chairs
- Tablet arm chairs (specific tablet chair to be specified)
- If tablet chairs are recommended, 10% of the room capacity shall be left handed tablet chairs



Minimum Standards and Distances for Tablet Arm Chairs

#### Teaching Stations

- Movable desk with chair

#### Room Entry

- Doors shall have a vision light
- Door shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have not interior columns or obstruction

## Science Spaces

### Dry Lab (Chemistry)

---

#### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### Lighting

- 70fc required for general lighting
- 20fc required for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

### Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a mounted projector
- Room shall have a minimum of (3) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a minimum of (1) CTV outlet

#### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- Chalkboards shall be an option in the math and science departments with administrative approval only
- There shall be 8 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

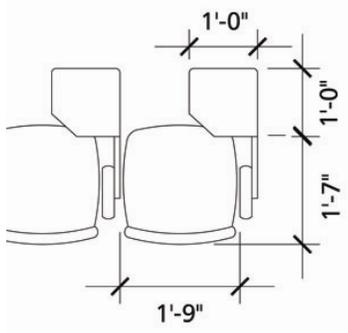
#### Special Features

- Comfort mat in front of the whiteboard/chalkboard

## Science Spaces

### Dry Lab (Biology)

---



Minimum Standards and Distances  
for Tablet Arm Chairs

## Part 1 General Requirements

---

### Capacity & Size

- 50sf Per student
- 100sf For teaching station

### Student Seating

- Seating shall comply with the Americans with Disabilities Act and all applicable codes
- Movable tables 72" x 24" and standard movable chairs
- Tablet arm chairs (specific tablet chair to be specified)
- If tablet chairs are recommended, 10% of the room capacity shall be left handed tablet chairs

### Teaching Stations

- Movable desk with chair

### Room Entry

- Doors shall have a vision light
- Door shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns or obstructions

## Science Spaces

### Dry Lab (Biology)

---

#### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### Lighting

- 70fc required for general lighting
- 20fc required for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

## Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a mounted projector
- Room shall have a minimum of (3) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a minimum of (1) CTV outlet

#### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- Chalkboards shall be an option in the math and science departments with administrative approval only
- There shall be 8 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

#### Special Features

- Comfort mat in front of the whiteboard/chalkboard

# Science Spaces

## Wet Lab (Chemistry)

---

### Part 1 General Requirements

---

#### Capacity & Size

- 50sf Per student
- 100sf For teaching station

#### Student Space

- Fixed laboratory benches with laboratory stools
- All bench tops, table tops, fume hood tops, and sinks shall be epoxy resin (ADA sinks are to be stainless steel set into an epoxy countertop)
- All student bench work spaces shall be sitting height, all other perimeter casework shall be standing height (except as required by ADA regulations)
- Seating shall comply with the Americans with Disabilities Act and all applicable codes\
- Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)

#### Teaching Stations

- Fixed teaching station with services
  - All countertops shall be epoxy resin
  - Sink with H/CW fixture with vacuum breakers is required (unless otherwise noted by faculty and/or administration)
  - Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)

#### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be sealed VCT
- Or flooring shall be seamless welded sheet vinyl
- Or flooring shall be broadcast epoxy resin

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

## **Science Spaces**

### **Wet Lab (Chemistry)**

---

#### **Ceiling**

- Ceiling shall have epoxy coated acoustical tile as required

#### **Site Lines**

- There will be no equipment or permanent furnishings placed on top of the student bench work space that is greater than 12" in height
- There will be no wires, electrical cords, or vertical chases placed on the counter tops or suspended from the ceiling that will obstruct the view from the student bench work area of the teaching station
- Projection screen shall be viewable without obstructions from the student bench work areas
- There shall be no interior columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### **Lighting**

- 70fc required for general lighting
- 20fc required for projection of note taking
- Task lighting shall be provided as requested by the faculty
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting shall not illuminate the projection screen
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

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### **Technology**

- Room shall have a ceiling mounted projector
- Room shall have a minimum of (3) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

# Science Spaces

## Wet Lab (Chemistry)

---

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- Chalkboards shall be an option with administrative approval only
- There shall be 8 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

### Special Features

- There shall be at minimum 6 to 8 air changes per hour with the optimum amount being 12 air changes per hour
- Sink areas
  - There will be a minimum of 3 large sink for general use inclusive of any required ADA stations
  - All sink areas will have a H/CW fixture with vacuum breakers and hand held eyewashes (as requested by the faculty and dictated by current codes)
  - There will be a small sink area with a H/CW fixture to be located near the primary exit for hand washing
  - There will be cup sinks with CW fixtures with vacuum breakers in the center of the island benches spaced so that there is a minimum of 1 fixture per 2 students stations
  - Safety mats are required on the floor in front of the large sink areas
- Eye wash/safety station
  - There will be 1 full safety station (as required by code)
- Fume hoods
  - Final quantity of shall be determined by the faculty and administration
  - Fume hoods shall be restricted bypass/constant volume type (or other as required by faculty for special purpose)
  - Fume hoods shall be a minimum of 60" in width and 30" in-depth
  - The fume hood interior lining shall be a poly resin type (or other as required by faculty for special purpose)
  - Fume hoods shall have a cup sink with a CW fixture with vacuum breakers in addition to Gas, Air, Vac services, all services shall be remote operated (unless otherwise requested by the faculty)
  - Fume hood base cabinets shall be vented acid storage cabinets (or other as required by faculty for special purpose)
  - All fume hood ceiling enclosures shall have a hinged access panel to allow for access to the top of the fume hood

# Science Spaces

## Wet Lab (Biology)

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### Part 1 General Requirements

---

#### Capacity & Size

- 50sf Per student
- 100sf For teaching station

#### Student Space

- Fixed laboratory benches with laboratory stools
- All bench tops, table tops, fume hood tops, and sinks shall be epoxy resin (ADA sinks are to be stainless steel set into an epoxy countertop)
- All student bench work spaces shall be sitting height, all other perimeter casework shall be standing height (except as required by ADA regulations)
- Seating shall comply with the Americans with Disabilities Act and all applicable codes

#### Teaching Stations

- Fixed teaching station with services
  - All countertops shall be epoxy resin
  - Sink with H/CW fixture with vacuum breakers is required (unless otherwise noted by faculty and/or administration)
  - Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)

#### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be seamless welded sheet vinyl
- Or flooring shall be broadcast epoxy resin

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

## Science Spaces

### Wet Lab (Biology)

---

#### Ceiling

- Ceiling shall have epoxy coated acoustical tile

#### Site Lines

- There will be no equipment or permanent furnishings placed on top of the student bench work space that is greater than 12" in height
- There will be no wires, electrical cords, or vertical chases placed on the counter tops or suspended from the ceiling that will obstruct the view from the student bench work area of the teaching station
- Projection screen shall be viewable without obstructions from the student bench work areas
- There shall be no interior columns or obstructions

#### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### Lighting

- 70fc required for general lighting
- 20fc required for projection of note taking
- Task lighting shall be provided as requested by the faculty
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting shall have motion sensors

## Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a ceiling mounted projector
- Room shall have a minimum of (4) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

#### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board

## Science Spaces

### Wet Lab (Biology)

---

- Chalkboards shall be an option with administrative approval only
- There shall be 8 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

### Special Features

- There shall be at minimum 6 to 8 air changes per hour with the optimum amount being 12 air changes per hour
- Sink areas
  - There will be a minimum of 3 large sink for general use inclusive of any required ADA stations
  - All sink areas will have a H/CW fixture with vacuum breakers and hand held eyewashes (as requested by the faculty and dictated by current codes)
  - There will be a small sink area with a H/CW fixture with vacuum breaker to be located near the primary exit for hand washing
  - There will be cup sinks with CW fixtures with vacuum breakers in the center of the island benches spaced so that there is a minimum of 1 fixture per 2 students stations
  - Safety mats are required on the floor in front of the large sink areas
- Eye wash/safety station
  - There will be 1 full safety station (as required by code)
- Fume hoods
  - Final quantity of shall be determined by the faculty and administration
  - Fume hoods shall be restricted bypass/constant volume type (or other as required by faculty for special purpose)
  - Fume hoods shall be a minimum of 60" in width and 30" in-depth
  - The fume hood interior lining shall be a poly resin type (or other as required by faculty for special purpose)
  - Fume hoods shall have a cup sink with a CW fixture with vacuum breakers in addition to Gas, Air, Vac services, all services shall be remote operated (unless otherwise requested by the faculty)
  - Fume hood base cabinets shall be vented acid storage cabinets (or other as required by faculty for special purpose)
  - All fume hood ceiling enclosures shall have a hinged access panel to allow for access to the top of the fume hood

## Fine Arts Spaces

### Vocal Room (Choir Space)

---

#### Part 1 General Requirements

---

##### Capacity & Size

- 30sf Per student

##### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Tablet arm chairs or tables with chairs
- Room shall have movable risers

##### Teaching Stations

- Conductor Stand
- Movable desk and chair

##### Room Entry

- Door shall have a vision light
- Door shall have card reader access
- A door shall have a 48" wide (clear access)

#### Part 2 Physical Environment

---

##### Flooring

- Flooring shall be carpet squares
- Floor shall be level
- The room shall have no built in risers or tiered risers

##### Walls

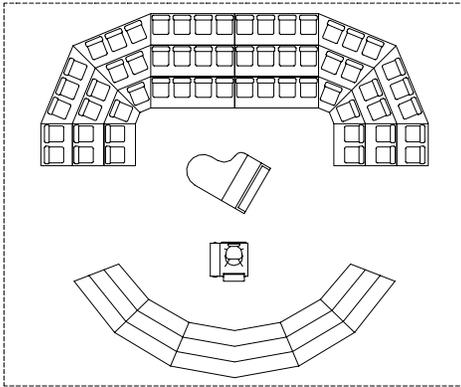
- Walls should only be parallel when treated with sound absorbing material

##### Ceiling

- Ceiling shall be undulating or an irregular surface to distribute sound

##### Site Lines

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- The room shall have a structural clear span with no interior columns



Possible layout for a vocal room  
(choir space)

# **Fine Arts Spaces**

## **Vocal Room (Choir Space)**

---

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Perimeter walls shall extend to the slab
- The room shall be isolated from other rehearsal spaces
- The room shall have acoustically treated walls and ceilings using a combination of hard and soft surfaces to achieve appropriate reverberation. Vocal reverberation is 1 to 1.5 of a second.

### **Lighting**

- 96ft at 30" aff
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have microphone and computer data
- There shall be speakers and microphones suspended from the ceiling or mounted to the walls
- Room shall have electrical outlets at regular intervals around the perimeter
- Room shall have a mounted projector
- Duplex outlets should be mounted horizontally and not vertically

### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board, possibly with music staves
- There shall be 4 linear feet of tackable space
- Room shall have an electric projection screen

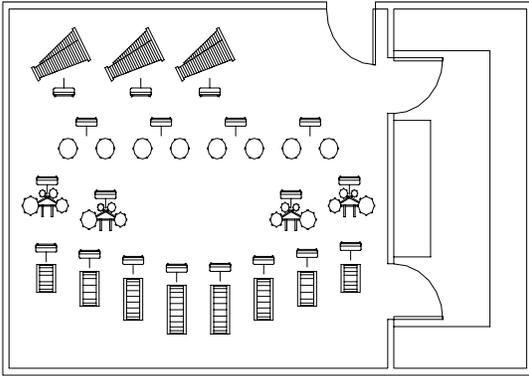
### **Special Features**

- Audio playback system
- Piano

## Fine Arts Spaces

### Instrumental Room (Percussion Space)

---



Possible layout for an instrumental room (percussion space)

## Part 1 General Requirements

---

### Capacity & Size

- 36sf Per student

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Chairs or stools with sheet music stands

### Teaching Stations

- Conductor Stand

### Room Entry

- Door shall have a vision light
- Door shall have card reader access
- Door shall be 48" wide

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares
- Floor shall be level
- The room shall have no built in risers or tiered risers

### Walls

- Walls shall run to deck for sound insulation

### Ceiling

- Ceiling shall be undulating or an irregular surface to distribute sound

### Site Lines

- View of the teaching area from the seating area shall not be obstructed
- The room shall have a structural clear span with no interior columns

## **Fine Arts Spaces**

### **Instrumental Room (Percussion Space)**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Special sound insulation required
- The room shall be isolated from other rehearsal halls, but be located within the overall band area
- Room shall be treated to be as acoustically dead as possible
- Ideally there would be a sound buffer between this room and other musical spaces (ex: Storage)

#### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have multiple outlets located at regular intervals around the perimeter of the room
- Room shall have microphone and speaker outlets
- Room shall have no floor outlets

#### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board, possibly with music staves
- There shall be 4 linear feet of tackable space
- Mirrors shall be provided along one wall for percussion precision drills

#### **Special Features**

- Audio playback system
- Piano
- Room shall be located in close proximity to instrument storage

# **Fine Arts Spaces**

## **Instrumental Storage**

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### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 400sf

#### **Student Seating**

- Not applicable

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be carpet squares (SPC)

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- Not applicable

#### **Acoustics**

- Perimeter walls shall extend to slab

#### **Lighting**

- 70fc required for general lighting
- Lighting shall have motion sensors
- Lighting controls shall be located in close proximity to the door

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of 4 electrical outlets, 1 per wall
- Room shall have no outlets

## **Fine Arts Spaces**

### **Instrumental Storage**

---

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

- Room shall have 24 hour HVAC and humidity monitoring and control
- Room shall have lockable instrument storage cabinets with grille doors
- Provide a rack for uniform storage with shelving above for hat and shoe storage

# Fine Arts Spaces

## Band Hall

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### Part 1 General Requirements

---

#### Capacity & Size

- 25sf Per student

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tablet arm chairs or folding chairs and sheet music stands

#### Teaching Stations

- Conductor stand

#### Room Entry

- Door shall have a vision light
- Door shall have card reader access
- Door shall be 48" wide

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares
- Floor shall be level
- The room shall have no built in risers or tiered risers

#### Walls

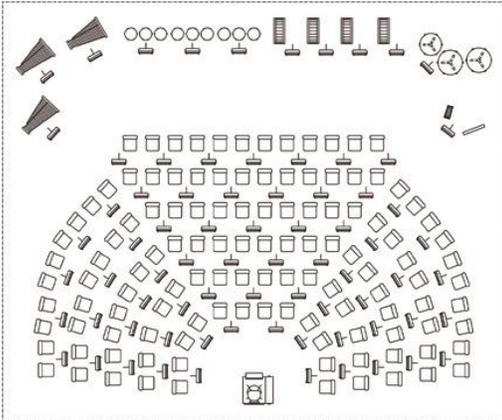
- Walls should only be parallel when treated with sound absorbing material

#### Ceiling

- Ceiling shall be undulating or an irregular surface to distribute sound

#### Site Lines

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- The room shall have a structural clear span with no interior columns



Possible layout for a Band Hall at  
25sf per student

# Fine Arts Spaces

## Band Hall

---

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Perimeter walls shall extend to the slab
- The room shall be isolated from other rehearsal spaces
- The room shall have acoustically treated walls and ceilings using a combination of hard and soft surfaces to achieve appropriate reverberation. Vocal reverberation is 6/10 to 7/10 of a second.

### Lighting

- 96ft at 30" aff
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have microphone and computer data
- There shall be speakers and microphones suspended from the ceiling or mounted to the walls
- Room shall have electrical outlets at regular intervals around the perimeter
- Room shall have a mounted projector
- Duplex outlets should be mounted horizontally and not vertically
- Room shall have a laptop for faculty

### Instructional Aides & Equipment

- There shall be 8 linear feet of marker board, possibly with music staves
- There shall be 4 linear feet of tackable space
- Room shall have an electric projection screen

### Special Features

- Audio playback system
- Piano
- \*All storage can be provided adjacent to the band hall in a storage room
  - See Instrument Storage sheet

# Fine Arts Spaces

## Music Practice Room

---

### Part 1 General Requirements

---

#### Capacity & Size

- 40sf Per 1 to 2 students

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable chairs and sheet music stands

#### Teaching Stations

- Not applicable

#### Room Entry

- Door shall have a vision light
- Door shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall be of sound isolating material

#### Site Lines

- There shall be no interior columns or obstructions

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- All walls shall extend to slab for sound isolation

#### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

# **Fine Arts Spaces**

## **Music Practice Room**

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### **Part 3 Technology & Instructional Aides**

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#### **Technology**

- Room shall have electrical outlets located on the four perimeter walls
- Room shall have a computer for electronic music
- Room shall have adequate HVAC as it is sealed for sound isolation
- Room shall have no floor outlets

#### **Instructional Aides & Equipment**

- Provide 4 linear feet of marker board

#### **Special Features**

- One practice room shall contain a piano, this room shall be 80sf for 2 students
- Consider providing modular, sound isolation pre-wired V-ready sound modules for all practice rooms except the one containing the piano
  - This would include V-room technology

# **Fine Arts Spaces**

## **Ensemble Practice Room**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 18sf Per student
- Up to 20 students or 350sf

#### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tablet arm chairs or movable chairs and sheet music stands

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Door shall have a large vision light
- Door shall have card reader access
- Door shall be pre-hung, pre-engineered, sound isolating with integral frame

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be carpet squares

#### **Walls**

- Provide sound isolation wall construction with acoustically absorptive panels on at least two adjacent wall surfaces

#### **Ceiling**

- Ceiling shall be of a sound isolating material

#### **Site Lines**

- Room shall have no interior columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- All walls shall extend to slab for sound isolation

## **Fine Arts Spaces**

### **Ensemble Practice Room**

---

#### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have microphone outlets
- Room shall have a computer for electronic music
- Room shall have electrical outlets located on the four perimeter walls
- Room shall have no floor outlets

#### **Instructional Aides & Equipment**

- Room shall have 8 linear feet of marker board

#### **Special Features**

- Room shall have an audio playback system

# **Fine Arts Spaces**

## **Electric Piano Classroom**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 30sf Per student
- 12-15 students or 350sf

#### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tablet arm chairs or electric keyboards with appropriate chairs or stools

#### **Teaching Stations**

- Lectern
- Movable desk and chair
- Electric keyboard with appropriate chair or stool

#### **Room Entry**

- Door shall have a vision light
- Door shall have card reader access
- Door shall be 48" wide

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be carpet squares
- Floor shall be level
- The room shall have no built in risers or tiered risers

#### **Walls**

- Walls should only be parallel when treated with sound absorbing material

#### **Ceiling**

- Ceiling shall be undulating or an irregular surface to distribute sound

# Fine Arts Spaces

## Electric Piano Classroom

---

### Site Lines

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- The room shall have a structural clear span with no interior columns

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Perimeter walls shall extend to the slab
- The room shall be isolated from other rehearsal spaces
- The room shall have acoustically treated walls and ceilings using a combination of hard and soft surfaces to achieve appropriate reverberation. Vocal reverberation is 1 to 1.5 of a second.

### Lighting

- 96ft at 30" aff
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a minimum of 2 electrical outlets per perimeter wall
- Room shall have floor outlets
- Floor outlets should be discussed with professor and laid out according to the proposed room set-up
- Room shall have a minimum of (1) data/LAN port per perimeter wall
- Room shall have a mounted projector

### Instructional Aides & Equipment

- There shall be 8 linear feet of marker board
- Room shall have an electric projection screen
- Room shall have 4 linear feet of tackable space

## **Fine Arts Spaces**

### **Electric Piano Classroom**

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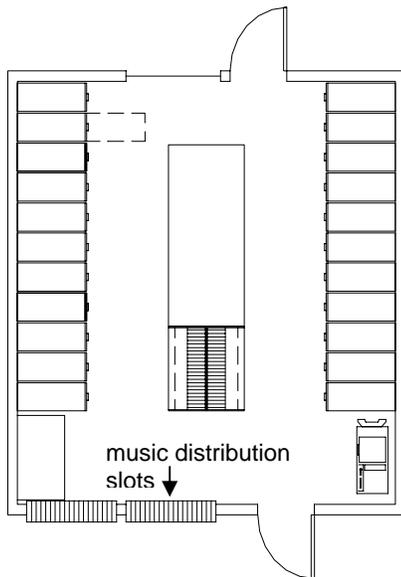
#### **Special Features**

- Room shall have an audio playback system
- Room shall have a piano
- Room shall have a computer for electronic music
- Room shall have a comfort mat in front of the whiteboard marker

## Fine Arts Spaces

### Music Library

---



Possible layout for a Music Library

## Part 1 General Requirements

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### Capacity & Size

- 200sf Per student

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Room shall have stools for center work island

### Teaching Stations

- Not applicable

### Room Entry

- Door shall have a vision light
- Door shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall be acoustical tile

### Site Lines

- The room shall have no interior columns or obstructions

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Perimeter walls shall extend to the slab

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Fine Arts Spaces**

### Music Library

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a minimum of 1 electrical outlet per perimeter wall

### **Instructional Aides & Equipment**

- There shall be 4 linear feet of tackable space

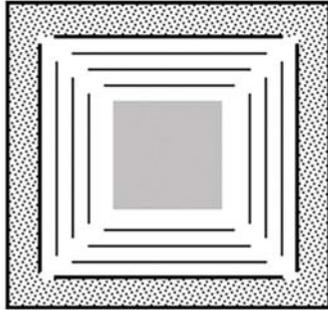
### **Special Features**

- Room shall have music distribution slots
- Room shall have a slide out shelf music storage distribution system (provide sufficient clearance)
- Room shall have a center island or work table with paper cutters, enough room for layouts, etc.
- Room shall have a copy machine

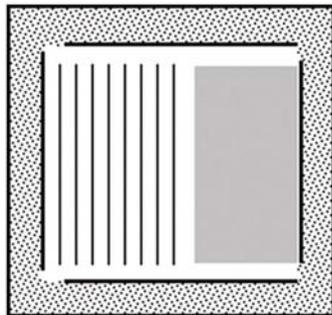
# Fine Arts Spaces

## Blackbox Theatre

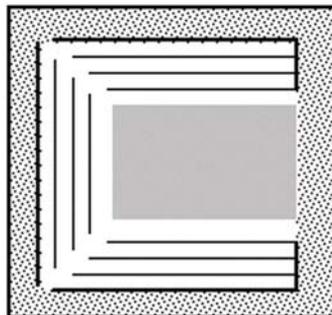
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Arena



Thrust



End Wall

Possible layouts for a Blackbox Theatre with seating for 150

## Part 1 General Requirements

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### Capacity & Size

- 15 sf per student
- 2,250 sf floor area
- Theater shall be square in shape (approximately 47' X 47')

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Theater seating shall be loose chairs on platforms, enabling the arrangement of theatre seating in different configurations.

### Teaching Stations

- Not applicable

### Room Entry

- There shall be multiple entry and egress points
- There shall be entry points from all four corners

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be flat with a surface suitable for constant moving of furniture and equipment
- The stage shall be flat and movable

### Ceiling

- Open for rigging and lights
- Ceiling height shall be a minimum of 11', 18' is preferred

### Site Lines

- Room shall be free of obstructions
- All seating shall have a clear view of the stage
- There shall be a clear span with no interior columns

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification
- Special sound insulation required
- Theater shall be equipped with an audio system

# Fine Arts Spaces

## Blackbox Theatre

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### Lighting

- Lighting shall be dimmable and controllable
- Light controls shall be in close proximity to the stage
- A basic house theater lighting system is required
- Natural lighting from entrance/exits and windows shall not be allowed

## Part 3 Technology & Instructional Aides

---

### Technology

- Blackbox Theatre shall have a basic sound system with playback, mixers, amplifiers, and loudspeakers
- The Blackbox Theatre sound system shall have a cassette recorder and CD player
- Blackbox Theatre shall have a theatre lighting system to include, but not limited to:
  - General purpose outlets
  - Multiple fixtures
  - Dimming controls
  - 125 control channels
  - 2 playback feeders
- The Blackbox Theatre audio system shall have belt packs and headsets

### Instructional Aides & Equipment

- Not applicable

### Special Features

- Theater shall be in close proximity to dressing and restroom facilities
- Theater shall have a catwalk and tension grid system
- Room shall be enclosable with drapery or panels on each perimeter wall
  - Drapery shall be black 25oz velour
- Cross-over space shall be provided for actors to make entrances and exits from any corner of the space

# Fine Arts Spaces

## Green Room

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### Part 1 General Requirements

---

#### Capacity & Size

- 1,000 seat theatre requires a 700sf green room
- 500 seat theatre requires a 350sf green room

#### Student Seating

- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Upholstered arm chairs
- Upholstered davenport
- Coffee tables
- Small movable table with chairs for eating

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall be acoustical tile

#### Site Lines

- There shall be no interior columns or obstructions

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Special acoustical treatments required on wall surfaces
- Audio of the theater should be available in the green room

#### Lighting

- 70fc required for general lighting
- Lighting shall have motion sensors

# Fine Arts Spaces

## Green Room

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### Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a frequency of outlets along the perimeter walls
- Room shall have a minimum of (3) voice ports(telephone)/data ports on three separate phone lines
- Room shall have an audio and color video monitor of the stage

#### Instructional Aides & Equipment

- Not applicable

#### Special Features

- Room shall be located off right or left (SR or SR) of stage or within close proximity to the stage
- If a green room is not affordable or if sufficient space is not available the Blackbox may double as a green room
- Room shall have a 4 burner stove
- Room shall have a microwave
- Room shall have a refrigerator
- Room shall have a sink with garbage disposal and a dishwasher
- Coffee machine and vending machines are suggested
- Restrooms shall be located adjacent to the green room

## **Fine Arts Spaces**

### **Dressing Room (Large)**

---

#### **Part 1 General Requirements**

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##### **Capacity & Size**

- Women's: 15 people, 400sf
- Men's: 15 people, 400sf

##### **Seating**

- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Variety type seating for make-up mirrors

##### **Teaching Stations**

- Not applicable

##### **Room Entry**

- Door shall not have a vision light
- Room shall require card reader access for non-production times

#### **Part 2 Physical Environment**

---

##### **Flooring**

- Flooring shall be carpet squares

##### **Ceiling**

- Acoustical tile

##### **Site Lines**

- There shall be no interior columns or obstructions

##### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification
- Special sound insulation required
- Audio shall be available from theater

##### **Lighting**

- Task lighting should be dimmable or controllable per make-up station
- Overhead lighting shall have motion sensors
- Track lighting preferred at stations

## **Fine Arts Spaces**

### **Dressing Room (Large)**

---

- 70fc general lighting for overhead light
- Light controls shall be in close proximity to the door for overhead lighting
- Natural lighting and windows are not desirable

## **Part 3 Technology & Instructional Aides**

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### **Technology**

- Room shall have a frequency of electrical outlets along the perimeter
- Room shall have multiple outlets along make-up counters
- Room shall have an intercom system
- Room shall have no floor outlets
- A local, accessible, and quickly responsive control for ventilation and heating is required
- Room shall have a minimum of (4) voice data(telephone)/data ports

### **Instructional Aides & Equipment**

- Room shall have 8 linear feet of tackable space
- Room shall have 8 linear feet of marker board

### **Special Features**

- Room shall have a full length mirror
- Room shall have an iron and an ironing board
- Room shall have 15 make-up/prep stations
- Room shall have restroom facilities with appropriate number of toilets/sinks/and two shower stalls
- Consider locating the men's and women's dressing rooms in close proximity for sharing a suggested washer and dryer
- Dressing rooms should be located near the Blackbox for overflow space

## **Fine Arts Spaces**

### **Dressing Room (Small)**

---

#### **Part 1 General Requirements**

---

##### **Capacity & Size**

- Women's: 1 or 2 people, 80sf
- Men's: 1 or 2 people, 80sf

##### **Seating**

- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Variety type seating for make-up mirrors

##### **Teaching Stations**

- Not applicable

##### **Room Entry**

- Door shall not have a vision light
- Room shall require card reader access for non-production times

#### **Part 2 Physical Environment**

---

##### **Flooring**

- Flooring shall be carpet squares

##### **Ceiling**

- Acoustical tile

##### **Site Lines**

- There shall be no interior columns or obstructions

##### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification
- Special sound insulation required
- Audio shall be available from theater

##### **Lighting**

- Task lighting should be dimmable or controllable for the make-up station
- Overhead lighting shall have motion sensors
- Track lighting preferred at make-up stations

## **Fine Arts Spaces**

### **Dressing Room (Small)**

---

- 70fc general lighting for overhead light
- Light controls shall be in close proximity to the door for overhead lighting
- Natural lighting and windows are not desirable

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a frequency of electrical outlets along the perimeter
- Room shall have multiple outlets along make-up counters
- Room shall have an intercom system
- Room shall have no floor outlets
- A local, accessible, and quickly responsive control for ventilation and heating is required
- Room shall have a minimum of (1) voice data(telephone)/data ports

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- Room shall have a full length mirror
- Room shall have 1 make-up/prep station
- Room shall have a restroom facility (stall and sink) with adjacent small dressing room
- Dressing rooms should be located directly off SL, SR, or behind the stage for quick access

# Fine Arts Spaces

## Dance Studio

---

### Part 1 General Requirements

---

#### Capacity & Size

- 50sf Per student
- 100sf teaching area
- 1,500sf to accommodate 30 students

#### Seating

- Not applicable

#### Teaching Stations

- Movable desk with chair

#### Room Entry

- Door shall have a vision light
- There shall be multiple entry and egress points
- Room shall require card reader access
- Transition space upon entry shall be necessary

### Part 2 Physical Environment

---

#### Flooring

- Flooring on dance floor shall be a floating hardwood floor
- Rubber mountings underneath sprung hardwood floor to minimize shock

#### Ceiling

- Acoustical tile
- Ceiling height shall be no less than 8'6", recommended height is 11'6"

#### Site Lines

- Room shall be free of obstructions
- Room shall have a clear span with no interior columns

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification
- Special sound insulation required due to music

# Fine Arts Spaces

## Dance Studio

---

### Lighting

- Lighting should be dimmable
- Overhead lighting shall have motion sensors
- Track lighting preferred
- 70fc general lighting
- Light controls shall be in close proximity to the door
- Natural lighting and windows are not desirable if studio will be used as a blackout
- If studio is only for class purposes, natural lighting through frosted glass, or windows above 6' is recommended

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a minimum of (1) wall mounted pencil sharpener
- Studio shall have an intercom system and telephone
- Room shall have no floor outlets
- A local, accessible, and quickly responsive control for ventilation and heating shall be located within the dance studio
- Room shall have a rear mounted projector

### Instructional Aides & Equipment

- Room shall have 8 linear feet or marker board
- Room shall have an electric projection screen

### Special Features

- Room shall have an audio playback system with speakers
- Room shall have at least one wall with a floor to ceiling mirror
- If studio shall be used for performance there shall be drapery to cover the mirrors
- There shall be a ballet bar rail mounted on the rear wall at 36" to 38" high
- Room shall be rectangular in shape

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 40sf Per student
- 100sf. For teaching station

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating
- Tables with chairs

### **Teaching Stations**

- Movable desk with chair
- Lectern

### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be computer grade carpet squares

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- View of the teaching area from the seating area shall not be obstructed
- Room shall have no interior columns or obstructions

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification

# Fine Arts Spaces

## Computer Classroom

---

### Lighting

- Track lighting preferred
- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting shall have motion sensors
- Lighting controls shall be located proximity to the teaching station

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a mounted projector
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a lap top for faculty
- Room shall have electrical outlets and data ports located at a set interval around the perimeter walls
- Room shall have no electrical or data LAN/port floor outlets

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen

### Special Features

- Room shall have a closely monitored climate and separate A/C controls due to computer equipment

# **Fine Arts Spaces**

## **Studio Classroom (Painting)**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 40sf Per student
- 100sf. For teaching station

#### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating
- Tables with chairs

#### **Teaching Stations**

- Movable desk with chair
- Lectern

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Polished Concrete

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from seating area shall not be obstructed
- Room shall have no columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification

## **Fine Arts Spaces**

### **Studio Classroom (Painting)**

---

#### **Lighting**

- Track lighting preferred
- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for note taking or viewing projected images
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports (one per perimeter wall)
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a laptop for faculty
- Room shall have a minimum of two electrical outlets per perimeter wall
- Room shall have no floor outlets

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen

#### **Special Features**

- Room shall be equipped with a large utility sink
- Room shall have a floor drain

# **Fine Arts Spaces**

## Scene, Costume Shop

---

### **Part 1 General Requirements**

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#### **Capacity & Size**

- 800sf.

#### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable stools or chairs for sewing

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT) or finished concrete

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- Room shall have a clear span with no interior columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- Lighting shall have motion sensors
- Task lighting required for sewing

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- There shall be a frequency of electrical outlets located around the perimeter walls
- There shall be no floor outlets
- There shall be a minimum of (1) voice outlet

#### **Instructional Aides & Equipment**

- There shall be 8 linear feet of tackable surface
- There shall be 8 linear feet of marker board

#### **Special Features**

- Room shall need humidity and climate control
- Room shall have separate HVAC controls
- Room may require a spray booth and appropriate ventilation for paints and other toxic materials
- Room shall have a full length mirror
- Room shall have appropriate power tools as needed for set construction
- Room shall have a utility sink
- Room may require an eye/face wash drench unit and safety kit

# Fine Arts Spaces

## Film Process Room

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### Part 1 General Requirements

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#### Capacity & Size

- 144sf, 12ft x 12ft
- 225sf, 15ft x 15ft = 225sf (SAC).

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable stools

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall not have a vision light
- There shall be a revolving door that does not allow light to enter the room
- There shall be a light outside the entrance to denote the room in use

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be polished concrete

#### Ceiling

- Ceiling shall be acoustical tile

#### Site Lines

- There shall be no interior columns

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### Lighting

- 70fc required for general lighting
- Room shall have red lights

## **Fine Arts Spaces**

### Film Process Room

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have electrical outlets as denoted by code

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- Room shall have a lockable chemical storage area
- Room shall have a sink area with overhead chemical shelf
- Room shall have an eye/face wash and drench units

# Fine Arts Spaces

## Film Dark Room

---

### Part 1 General Requirements

---

#### Capacity & Size

- 100sf.

#### Student Seating

- Not applicable

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall not have a vision light
- There shall be a revolving door that does not allow light to enter the room
- There shall be a light outside the entrance that denotes the room in use

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be polished concrete

#### Ceiling

- Ceiling shall be acoustical tile or drywall

#### Site Lines

- There shall be no interior columns

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### Lighting

- 70fc required for general lighting
- Red (safelight) lights required for film development

# Fine Arts Spaces

## Film Dark Room

---

### Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have electrical outlets as denoted code

#### Instructional Aides & Equipment

- Not applicable

#### Required Equipment

- Enlarger
- Negative Carrier
- Lens Board
- Lens
- Safelight
- Print Trays
- Timer
- Thermometer
- Funnel
- Chemical Jugs (3)
- Developer, Stop, Fixer
- Printing Paper
- Digital Timer
- Mixing Bucket
- Mixing Rod
- Print Squeegee
- Dust Brush
- Graduates
- Negative Storage
- Dark Bag/Dark Room
- Film Tank
- Film Reels
- Film
- Print Tongs
- Easel
- Print Washer
- Film Squeegee
- Film Clips
- Blotter Book
- Projection Print Scale
- Antistaticum
- Canned Air
- Loupe
- Cropping Guide
- Cotton Gloves

## **Fine Arts Spaces**

### **Film Dark Room**

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- Spotting Dyes
- Spotting Brush
- Contact Printer
- Grain Focuser
- Hypo Clear, Photo-flo
- Poly-contrast Filters

### **Special Features**

- If camera and related equipment shall be available for student check out, then proper storage and security shall be required.
- Room shall have a large sink area for film developing
- Room shall have a sink for hand washing
- Room shall have laboratory grade plumbing fixtures
- Room shall have eye/face wash and drench units
- Room shall have a chemical storage area
- Room shall have a proper Ventilation/Exhaust System as required by code

# **Fine Arts Spaces**

## **Printing & Enlarging Room**

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### **Part 1 General Requirements**

---

#### **Capacity & Size**

- Room shall be 600-800sf

#### **Student Seating**

- Not applicable

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall not have a vision light
- There shall be a double door entry

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be polished concrete

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- Room shall have no interior columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification

#### **Lighting**

- 70fc required for general lighting
- Red lights required for film development

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have electrical outlets as denoted by code

## **Fine Arts Spaces**

### **Printing & Enlarging Room**

---

#### **Instructional Aides & Equipment**

- Room shall have 8 linear feet of tackable surface

#### **Special Features**

- Room shall have a large sink area
- Room shall have a lockable chemical storage area
- If camera and related equipment shall be available for student check out, then proper storage and security shall be required.
- Room shall have a sink for hand washing
- Room shall have laboratory grade plumbing fixtures
- Room shall have eye/face wash and drench units
- Room shall have a proper Ventilation/Exhaust System as required by code

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 15sf Per student
- 100sf. For teaching station.

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tablet arm chairs (type to be specified)
- Tables with chairs

### **Teaching Stations**

- Movable desk with chair
- Movable lectern

### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT) or polished concrete

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- The room shall have a structural clear span with no interior columns

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

## **Fine Arts Spaces**

### **Photography Classroom**

---

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a minimum of (1) CTV outlet

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 8 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen

#### **Special Features**

- None

# **Library Spaces**

## **General Library Spaces**

### **Main Circulation & Reading Room**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 1600sf. overall

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Standard movable tables and chairs
- Upholstered seating
- Movable seating
- Movable computer tables and standard chairs for electronic reference materials

### **Teaching Stations**

- Not applicable
- 25 Total Staff Members should maintain all the areas that are included within the Media Center/Resource Center

### **Room Entry**

- Doors shall have a vision light
- There shall be multiple entry/egress points
- Room shall require card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be computer grade carpet squares (anti-static)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- Not applicable
- Room shall have an open floor plan type layout

# **Library Spaces**

## **General Library Spaces**

### **Main Circulation & Reading Room**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- Task lighting required at various intervals

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (15) data LAN ports
- Room shall have a minimum of (15) voice port(telephone)/data ports
- Room shall have a public address system
- Room shall have a frequency of outlets along the exterior walls in accordance with all current applicable codes

#### **Instructional Aides & Equipment**

- There shall be a total of 16 linear feet of tackable surface throughout the space
- Room shall have a minimum of (2) wall mounted pencil sharpeners

#### **Special Features**

- Library shall have a lighting management system and be designed to ensure a draft free and comfortable environment.
- Library shall have a system that will control temperature and humidity for the protection of library property
- Room shall have reference computers and printers
- Room shall have a designated station for library material and audio/visual material check-out

# **Library Spaces**

## **General Library Spaces**

### Small Group Study/Conference

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 250sf. total area required
- Serves a small group of 8 to 10 individuals

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Standard movable tables and chairs

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Door shall have a vision light
- Room shall require card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be carpet squares

### **Ceiling**

- Ceiling shall be acoustical tile

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Site Lines**

- Room shall have no interior columns or obstructions

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

**Library Spaces**  
**General Library Spaces**  
Small Group Study/Conference

---

**Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (8) data LAN ports
- Room shall have a minimum of (1) voice port(telephone)/data ports

**Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- There shall be 8 linear feet of tackable space

**Special Features**

- Not applicable

# Library Spaces

## General Library Spaces

### Classroom (>25)

---

## Part 1 General Requirements

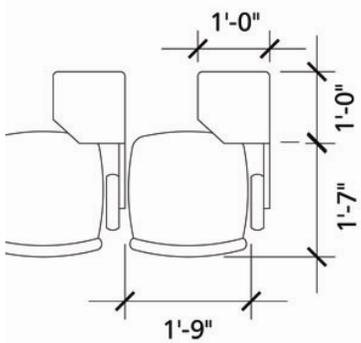
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### Capacity & Size

- 25sf. per student
- 100sf. for teaching station

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables 72" x 24" and standard movable chairs
- Or tablet arm chairs as an option (specific tablet arm chair to be specified)
- If tablet arm chairs are recommended, 10% of the room capacity shall be left handed tablet arm chairs



Minimum Standards and Distances for Tablet Arm Chairs

### Teaching Stations

- Movable desk and chair
- Small movable lectern

### Room Entry

- All doors shall have a vision light
- Room shall have card reader access
- Door shall be located in close proximity to the teaching station

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

### Ceiling

- Ceiling shall have acoustical tile

# Library Spaces

## General Library Spaces

### Classroom (>25)

---

#### Site Lines

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen and marker board from the seating area shall not be obstructed
- Room shall have no interior columns or obstructions

#### Acoustics

- Speech shall be intelligible without amplification
- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting shall not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

## Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports close to the teaching station
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls in accordance with applicable current codes

#### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

# Library Spaces

## General Library Spaces

### Stack Space

---

## Part 1 General Requirements

---

### Capacity & Size

- Library should contain approximately 95,000 volumes (minimum) based on serving an FTE of 7,000 to 9,000 students
- Capacity of the Stack Space depends on the height of shelving chosen
- Stack Space shall include:
  - Print Media
  - Nonprint Media
  - Computer Software
  - Optical Storage Technologies
  - Other

### Student Seating

- Not applicable
- Provide upholstered chairs for reading in open areas

### Teaching Stations

- Not applicable

### Room Entry

- All doors shall have a vision light
- Main Library entrance shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be computer grade carpet squares (anti-static)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable
- Open floor plan/space layout recommended

# Library Spaces

## General Library Spaces

### Stack Space

---

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### Lighting

- 70fc required for general lighting
- Task lighting at various intervals
- Lighting controls shall be located in close proximity to the main entrance door and the main circulation desk
- Lighting shall have motion sensors

### Part 3 Technology & Instructional Aides

---

#### Technology

- Room shall have a minimum of (15) data LAN ports close to the teaching station
- Room shall have a minimum of (5) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls in accordance with all applicable current codes

#### Instructional Aides & Equipment

- There shall be 16 linear feet of tackable surface

#### Specialty Features

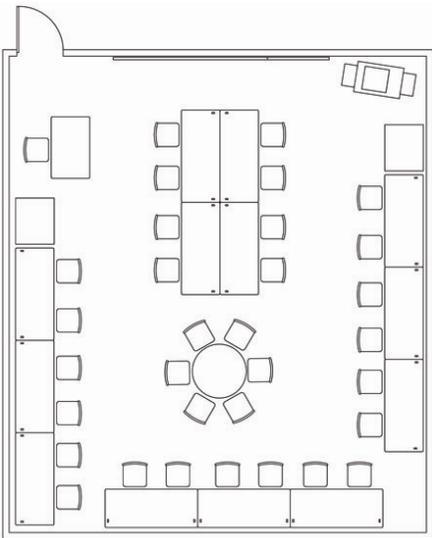
- Multiple height computer stations for quick reference of library materials

# Library Spaces

## General Library Spaces

### Computer Room

---



Possible layout of a library general use computer lab. Example lab is approximately 800sf and houses 26 student computer workstations and a general use worktable. Multiple ADA stations are possible.

## Part 1 General Requirements

---

### Capacity & Size

- 30sf. Per student
- 50sf. Check-in station

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable computer tables and standard chairs

### Teaching Stations

- Movable check-in station
- Movable standard chair

### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be computer grade carpet squares (anti-static)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Room shall have no interior columns

### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

# Library Spaces

## General Library Spaces

### Computer Room

---

#### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting controls shall be located in close proximity to the check-in station
- Lighting shall have motion sensors

### Part 3 Technology & Instructional Aides

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#### Technology

- Room shall have a minimum of (24) data LAN ports in a ringed fashion around the rooms outer walls (verify room configuration)
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls
- Room shall have (8) floor mounted outlets and data LAN ports (verify room configuration)

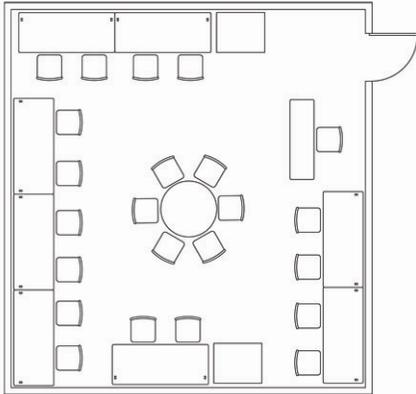
#### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have 26 computers and 2 printers for student use
- Room shall have a copier for student use
- Computers and other equipment shall be locked when not in use or bolted to workstation tables

## Library Spaces Innovation Spaces

Instructional Innovation Center/Open Lab/A/V Space

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Possible layout of a Instructional Innovation Center Open Lab. The lab shall contain various multi-media equipment for student use. The lab houses up to 16 students and a student technician for technical support. Multiple ADA stations are possible.

### Part 1 General Requirements

---

#### Capacity & Size

- Approximately 35sf Per person
- 600sf Total area

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable standard computer tables and chairs

#### Teaching Stations

- Check-in station (student help technician area)

#### Room Entry

- Door shall have a vision light
- Door shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be computer grade carpet squares (anti-static)

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

#### Ceiling

- Ceiling shall be acoustical tile

#### Site Lines

- Room shall have no interior columns

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Additional sound insulation may be required due to equipment noise

## **Library Spaces**

### **Innovation Spaces**

#### **Instructional Innovation Center/Open Lab/A/V Space**

---

### **Lighting**

- 70fc required for general lighting
- Task lighting may be required at specific stations
- Light switches shall be located in close proximity to the door

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (15) data LAN ports
- Room shall have a minimum of (2) voice port (telephone)/data port
- Room shall have a frequency of outlets along the perimeter walls per current code

### **Instructional Aides & Equipment**

- Room shall have a center table for workspace
- Room shall have 16 student workstations to include:
  - PC Workstations
  - Mac Workstations
  - 17" or 19" Monitors
  - Internal or External Zip Drives
  - Internal CD-ROM Recorders
  - Internal DVD ROM Players and Recorders
  - Mouse and Keyboards
- Room shall also have a variety of other electronic equipment (based on current applicable technology) to include, but not be limited to:
  - Digital Camcorder
  - Wacom Graphics Tablets
  - SONY Mavica Digital Still Camera
  - Kodak Digital Still Camera
  - Networked Black and White Printer
  - Local Faxing
  - Color Printers
  - Scanners
  - TV with VCR and DVD Player
  - Averepacks
  - Etc.
- Other equipment may be necessary in addition or in place of the items listed above due to advancing technology

# **Library Spaces**

## **Innovation Spaces**

### **Innovation Equipment & Supply Storage**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 200sf
- Additional area may be needed for lockers

### **Student Seating**

- Not applicable

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Door shall not have a vision light
- Door shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be computer grade carpet squares (anti-static)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- Room shall have no interior columns or obstructions

### **Acoustics**

- Not applicable

### **Lighting**

- 70fc for general lighting
- Lighting controls shall be located within close proximity to the door
- Lighting shall have motion sensors

**Library Spaces**  
**Innovation Spaces**  
Innovation Equipment & Supply Storage

---

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (5) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

**Instructional Aides & Equipment**

- Equipment for check-out should include, but not be limited to:
  - 16mm Projector
  - Slide Projector
  - Sound Slide Projector
  - Sound Filmstrip Projector
  - Overhead Projector
  - Opaque Projector
  - Audiocassette Recorder
  - Record Player
  - Portable PA System
  - Videocassette Recorder
  - Television Monitor/Receiver
  - Video Camera/Camcorder
  - Microcomputer System
  - LCD Panel
  - Video Projector
  - CD-Rom Player
  - Microform Reader/Printer
  - Telefacsimile Equipment
- Other equipment may be necessary in addition or in place of the items listed above due to advancing technology
- Provisions for instructional support, (IT Equipment for teacher use and training), are located in the Innovation Center/ A/V Space

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 50sf Per person

### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating is preferred
- Tables with chairs

### **Teaching Stations**

- Movable desk with chair
- Lectern

### **Room Entry**

- Door shall have a vision light
- Doors shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be computer grade carpet squares (anti-static)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- The room shall have no interior columns or obstructions

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification

## **Library Spaces**

### **Innovation Spaces**

#### **Innovation Center Audio Visual Center**

---

- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

### **Lighting**

- 70fc for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (3) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

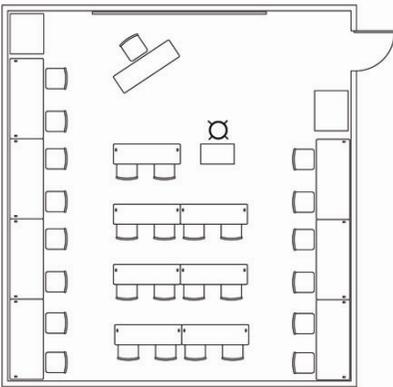
### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- There shall be 8 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

## Library Spaces Innovation Spaces

### Instructional Innovation Center Computer Training Lab

---



Possible layout of a Instructional Innovation Center Computer Training Lab. The lab houses up to 14 individuals and allows for lecture and hands on computer training. Multiple ADA stations are possible.

## Part 1 General Requirements

---

### Capacity & Size

- 50sf per person, 14 persons
- 700sf total

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Computer tables with chairs

### Teaching Stations

- Presentation workstation
- Movable desk and chair

### Room Entry

- Door shall have a vision light
- Door shall have card reader access
- Door shall be located in close proximity to the teaching area

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be computer grade carpet squares (anti-static)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

### Ceiling

- Ceiling shall be acoustical tile

### Site Lines

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns or obstructions

## **Library Spaces Innovation Spaces**

### **Instructional Innovation Center Computer Training Lab**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Task lighting for presentation workstation
- Lighting shall have motion sensors
- Lighting switches will have multiple settings to allow for viewing projected images
- Lighting controls shall be located in close proximity to the teaching station

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (19) data LAN ports
- Room shall have a minimum of (2) voice port (telephone)/data port
- Room shall have a frequency of outlets along the walls as per current code

#### **Instructional Aides & Equipment**

- Computers and other equipment shall be secured when not in use or bolted to workstation tables
- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

# **Library Spaces**

## **Innovation Spaces**

Innovation Center Teaching/Tutorial Space

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 25sf Per student
- 100sf For teaching station

#### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating with standard chairs

#### **Teaching Stations**

- Movable desk and chair
- Movable lectern

#### **Room Entry**

- Door shall have a vision light
- Door shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be computer grade carpet squares (anti-static)

#### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns or obstructions

# **Library Spaces**

## **Innovation Spaces**

### **Innovation Center Teaching/Tutorial Space**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailroom, reception areas, and other similar noise producing areas

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen 72" wide and will not cover more than half of the marker board surface

# **Athletics**

## **Gymnasium**

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### **Part 1 General Requirements**

---

#### **Capacity & Size**

- Regulation court with minimum buffer (70' X 140')

#### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Bench Seating
- Retractable Bleacher Seating

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- There shall be multiple entry and egress points
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be finished Maple
- Flooring shall be suspended

#### **Ceiling**

- Ceiling shall be appropriate height for volleyball and basketball play

#### **Site Lines**

- View of the court area from the audience shall not be obstructed

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- Metal Halide Lighting
- Lighting shall not have a delay
- Lighting shall have motion sensors
- Lighting fixtures should be appropriate or protected to withstand being struck by volleyballs or basketballs

# **Athletics**

## **Gymnasium**

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Gym shall have a minimum of (2) voice port (telephone)/data ports
- Public address system with media inputs (CD, tape, etc.)
- Room shall have a frequency of electrical outlets in compliance with current codes
- Gym shall have no floor outlets

#### **Instructional Aides & Equipment**

- Retractable basketball goals and volleyball nets from ceiling shall be installed
- Court should allow and be equipped for crosscourt play

#### **Special Features**

- Score boards
- A water fountain and restroom shall be located in close proximity

# **Athletics**

## **Weight Room**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- - sf Per student
- Room for enough equipment and 25-30 students is required

#### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- There shall be multiple entry and egress points
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Tuflux

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- Room shall have a clear span
- Room shall have no interior columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- Regular fluorescent lighting is preferred
- Lighting shall have motion sensors

# **Athletics**

## **Weight Room**

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Public address system
- Room shall have a frequency of outlets for electronic weight equipment located on all four perimeter walls
- Room shall consider floor outlets for some equipment

#### **Instructional Aides & Equipment**

- Audio Playback System
- Free Weights and Benches
- Weight Machines
- Room shall have 8 linear feet of marker board
- Room shall have 4 linear feet of tackable space

#### **Special Features**

- A minimum of one wall with floor to ceiling mirrors
- Room shall have HVAC system with separate controls
- Room shall have humidity monitoring and control
- Recirculation of air is important to this space and the ceiling height should exceed 8'-6"
- A water fountain should be located in close proximity

# **Athletics**

## **Physical Conditioning/Cardio Room**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- - sf Per student
- Room for 25-30 students

#### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- There shall be multiple entry and egress points
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Tuflex where machines are located
- Flooring shall be suspended wood for aerobics area

#### **Walls**

- Walls shall extend to slab

#### **Ceiling**

- Ceiling shall have acoustical tile

#### **Site Lines**

- Room shall be free of interior columns and obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall have sound isolating wall material due to aerobics

## **Athletics**

### **Physical Conditioning/Cardio Room**

---

#### **Lighting**

- Regular fluorescent lighting is preferred
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have an audio playback system
- Room shall have a public address system
- Room shall have a frequency of outlets for electronic equipment along the perimeter walls
- Room should consider floor outlets for cardio equipment
- Room shall have 2 walls with floor to ceiling mirrors
- Room shall have a lockable equipment storage area

#### **Instructional Aides & Equipment**

- Room shall have 8 linear feet of marker board
- Room shall have 4 linear feet of tackable surface

#### **Special Features**

- Room shall have an audio playback system
- Room shall have a minimum of one wall with floor to ceiling mirrors
- Room shall have cardio equipment
- Room shall have hand weights, steps, mats, etc. for aerobics classes
- Room shall have humidity and climate controls
- Recirculation of air is important to this space and ceiling height should exceed 8'-6"
- A water fountain shall be located in close proximity

# **Athletics**

## **Equipment Storage/Check-Out**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 600sf

#### **Seating**

- Not applicable

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT) or finished concrete

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- Not applicable

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) electrical outlets

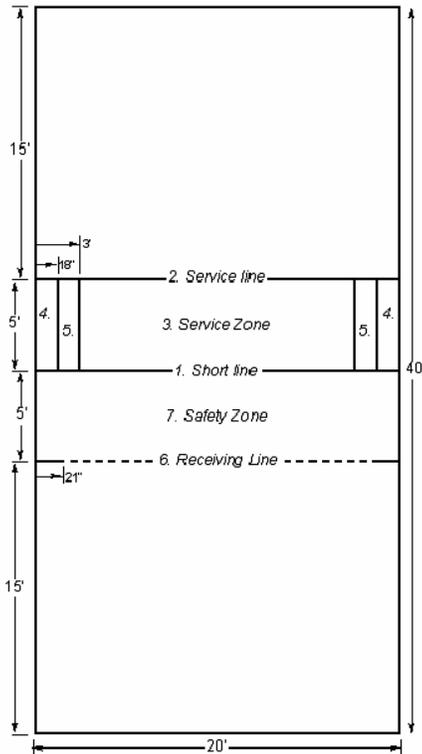
#### **Instructional Aides & Equipment**

- Not applicable

# Athletics

## Racquetball Courts

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Regulation racquetball court provided by USA Racquetball

### Part 1 General Requirements

---

#### Capacity & Size

- 40'-4.8" by 20'-3"

#### Seating

- Spectator seating may be located behind the plane of any of the walls of the court.
- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes

#### Teaching Stations

- Not applicable

#### Room Entry

- There shall be a door located centrally on the back wall of the court
- The door shall be 3'-6" by 7'-0"
- There shall be a plane inside surface of the door which is flush with the interior walls
- The door shall have a flush handle
- The door shall open into the court and had a restraining device to keep it from hitting the interiors walls when opened

### Part 2 Physical Environment

---

#### Flooring

- The floor surface shall be hard and smooth
- The floor surface shall have a degree of resilience and provide stable footing
- The floor shall be sanded and finished with polyurethane

#### Walls & Ceiling

- The ceiling shall have a minimum clear height of 12'-3", but recommend height is 20'-3"
- Court walls shall have a strength that will withstand normal play with racquets, balls and players without showing temporary or permanent signs of damage
- Court walls shall not cause a deflection on impact which would cause a ball to bounce differently
- All court walls shall have a hard smooth finish

## **Athletics**

### **Racquetball Courts**

---

- There shall be no open joints in the walls which would affect play
- The walls and the ceiling shall be the same color as well as having the same color caulking

### **Site Lines**

- The room shall have a clear structural span
- There shall be no interior columns or obstructions

### **Acoustics**

- Acoustical Panels may be installed in the back 16 feet of the ceiling if needed

### **Lighting**

- There shall be a minimum of 100fc of light throughout the court
- There shall be a minimum of 150fc of light throughout the court when glass viewing walls are used
- The lighting shall be free of shadows
- The ceiling fixtures shall be installed flush with the ceiling surface and will have a playable surface the same as the ceiling

## **Part 3 Technology & Instructional Aides**

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### **Technology**

- Any ventilation ducts needed for heating or cooling shall be located 24 feet back from the front wall on the ceiling
- The room shall have humidity control between 40 and 60 degrees

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- The court walls and floor shall be constructed in a way in which condensation will not be a problem. The walls may be insulated, heated, or ventilated as needed.



## **Athletics**

### **Tennis Courts**

---

#### **Lighting**

- Exterior Metal Halide lighting
- The lights shall have timers

### **Part 3 Technology & Instructional Aides**

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#### **Technology**

- Multiple grounded outlets
- There shall be no court or surface mounted outlets

#### **Instructional Aides & Equipment**

- Ball Machines

#### **Special Features**

- The fences surrounding the courts shall have wind screens
- There shall be water fountains provided in close proximity to the courts
- Tennis nets are required
- The nets shall be 42 feet in length and maintain a straight fit
- The nets shall have a body made of 3.0-mm braided polyethylene
- There shall be a water fountain located along the outer fence line of the courts

# Athletics

## Baseball Diamonds

### Part 1 General Requirements

#### Capacity & Size

- The infield shall be made up of a 90-foot square
- The field shall be 330 feet from home plate to the foul poles on the 1<sup>st</sup> and 3<sup>rd</sup> base sides
- The distance to left center field and right center field shall be 375 feet from home plate
- The distance from home plate to straight on center field shall be 400 feet
- There shall be a distance of 60 feet from home plate to the back stop
- All measurements shall be made from the back of home plate
- For specific reference diagrams to these dimensions please refer to the NCAA Baseball Rules 2004 edition

#### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Bench seating for players
- Outdoor bleachers

#### Teaching Stations

- Not applicable

#### Entry & Exit

- There shall be a minimum of two points of entry and egress from the field and dugouts

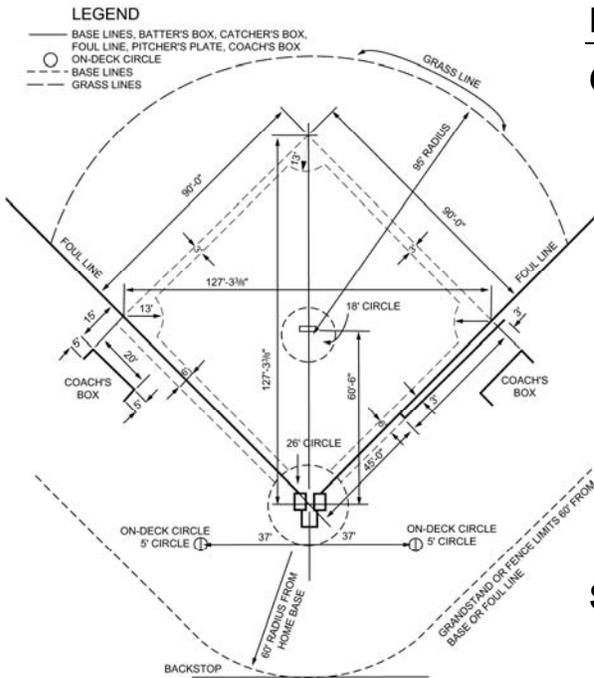
### Part 2 Physical Environment

#### Flooring

- Turf
- Dirt surface
- The field shall be graded two-thirds of one percent starting at the edge of the field to allow for drainage
- The top of the pitchers mound shall be 10" higher than home plate

#### Ceiling

- Not applicable



Regulation college baseball diamond provided by the NCAA's 2004 Baseball Rules

## **Athletics**

### **Baseball Diamonds**

---

#### **Site Lines**

- There shall be no obstructions on the field
- There shall be no obstructions in the view of fans from the bleachers to the field
- There shall be no obstructions in the view of the players from the dug out to the field

#### **Acoustics**

- Not applicable

#### **Lighting**

- Exterior Metal Halide lighting

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Public address system

### **Instructional Aides & Equipment**

- Batting cages for practicing
- A pitching machine

### **Special Features**

- There shall be a score board which clearly shows balls, strikes, outs and line score. The scoreboard shall be located so that it is visible by both teams and the spectators
- The outfield of the baseball diamond shall be enclosed with a minimum 6-foot high permanent fence; an 8-foot high fence is preferred
- Snow fences are considered dangerous and discouraged from being used

# Athletics

## Soccer Fields

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### Part 1 General Requirements

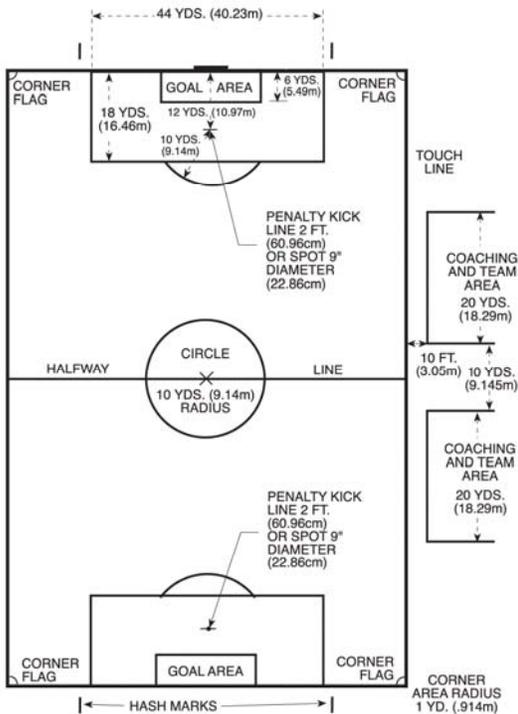
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#### Capacity & Size

- The soccer field shall be a rectangle, the width shall not exceed the length
- The width shall not be more than 80 yards and not less than 65 yards
- The length shall not be more than 130 yards and not less than 110 yards
- The preferred field size shall be 75 yards by 120 yards
- For reference diagrams to these dimensions please refer to the NCAA Men's and Women's Soccer Rules 2004 edition

#### Seating

- There shall be bench seating on the side lines for the players
- The players seating will be located 10 feet from the touch line(outer boundary line) and 20 yards from the five yard neutral zone measured from the halfway point in each direction
- There shall be outdoor bleachers for spectators
- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes



Regulation soccer field provided by the NCAA's 2004 Soccer Rules

#### Teaching Stations

- Not applicable

#### Room Entry

- Not applicable

### Part 2 Physical Environment

---

#### Flooring

- Natural Grass

#### Ceiling

- Not applicable

#### Site Lines

- There shall be no obstructions on the field
- There shall be no view obstructions from the bleachers to the field

## **Athletics**

### **Soccer Fields**

---

#### **Acoustics**

- Not applicable

#### **Lighting**

- Exterior Metal Halide lighting

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Public address system

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

- The field will have two goals anchored at opposite ends of the field
- The goal posts will be 8 yards apart, inside distance
- The goal post will be held together by a cross bar positioned at a height of 8 feet

# Athletics

## Outdoor Running Track (around soccer field)

---

### Part 1 General Requirements

---

#### Capacity & Size

- The standard outdoor running track shall be 400 meters in length and not less than 6.4 meters (21 feet) in width
- The width of each track lane shall be between 42 inches and 48 inches including the white line to the right
- An 8 lane track will have 48 inch lanes and a 9 lane track will have 42 inch lanes
- Lane line markings shall be white and shall be 2 inches in width
- The lane numbering will consist of 1 through 8 or 9 with the first lane being the inside lane when facing the finish line
- The track may be bordered by a curb. The curb shall be rounded and will be a minimum of 2 inches in height and width
- For reference diagrams to these dimensions please refer to the NCAA Men's and Women's Track and Field and Cross Country Rules 2004 edition

#### Seating

- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Outdoor bleachers for spectators
- There shall be benches or gathering areas for teams

#### Teaching Stations

- Not applicable

#### Room Entry

- Not applicable

### Part 2 Physical Environment

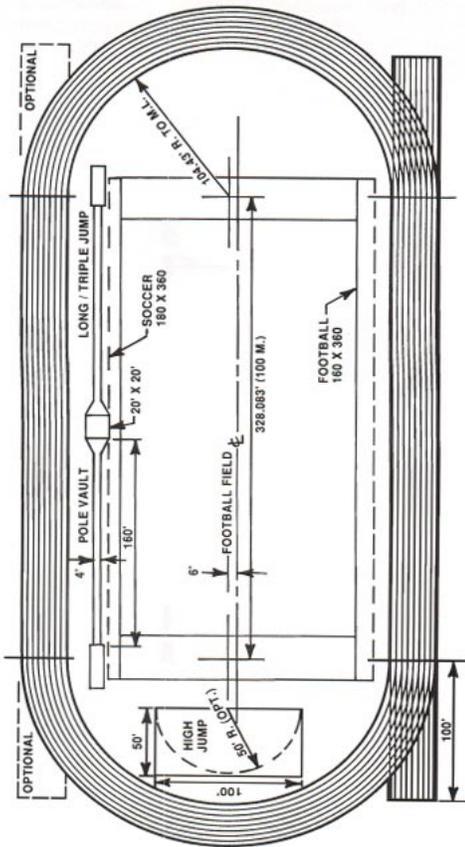
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#### Flooring

- The track surface shall be a fibrous rubber with petro-chemical binders
- The interior track space shall be natural grass and will possibly contain a soccer field as detailed on sheets 7.8.1-7.8.2

#### Ceiling

- Not applicable



Regulation track provided by the NCAA's 2004 Track and Field and Cross Country Rules

## **Athletics**

### **Outdoor Running Track (around soccer field)**

---

#### **Site Lines**

- There shall be no obstructions on the track or interior field space
- There shall be no view obstructions from the bleachers to the track or interior field space

#### **Acoustics**

- Not applicable

#### **Lighting**

- Exterior Metal Halide lighting

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Public address system

### **Instructional Aides & Equipment**

- Track equipment

### **Special Features**

- The field may require additional items if jumping and pole vaulting will also take place
- A storage area for track equipment should be located in close proximity
- Appropriate equipment such as hurdles, discs, shots, starting blocks, pit mats, etc. may be required

# **Athletics**

## **Walking Course with Exercise Stations**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- The standard walking course shall range from a quarter mile course to a one mile course

#### **Seating**

- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Bench seating may be located along the course

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Not applicable

### **Part 2 Physical Environment**

---

#### **Flooring**

- The track surface shall be a fibrous rubber with petro-chemical binders
- The exercise stations shall have a outdoor rubber safety matt or grass as their surface

#### **Ceiling**

- Not applicable

#### **Site Lines**

- The area shall be easily visible
- The starting point and track exercises shall be clearly denoted

#### **Acoustics**

- Not applicable

#### **Lighting**

- Exterior Metal Halide lighting for evening usage

## **Athletics**

### **Walking Course with Exercise Stations**

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Not applicable

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- Exercise stations will be located along the path at even intervals depending on course length
- Common station exercises include:
  - - Leg Stretch
  - - Sit and Reach
  - - Balance Beam
  - - Hand Walk
  - - Bench Leg Raise
  - - Push Up
  - - Sit Up
  - - Body Curl
  - - Leg Hop
  - - Vault Bar
  - - Chin Up
- There shall be water fountains located along the trail

# Athletics

## Natatorium (Competitive Pool)

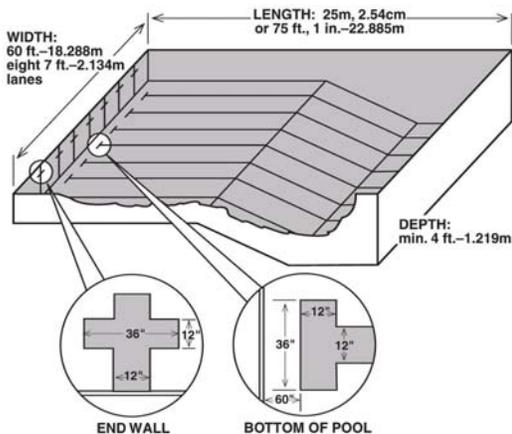
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### Part 1 General Requirements

---

#### Capacity & Size

- The pool shall have a minimum of six, 6-foot lanes for championship racing to take place
- The pool length shall be 25 meters or 50 meters for championship racing to take place
- It is preferred that racing courses be 50 meters in distance and 60 feet in width allowing for eight, 7-foot lanes with additional space outside lanes 1 and 8
- The pool shall have a minimum of 4-foot depth for starting
- Springboard and platform diving depth requirements can be determined by referring to the NCAA Swimming and Diving Rules 2004 edition



Regulation swimming pool provided by the NCAA's 2004 Swimming and Diving Rules

#### Seating

- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Bench seating (Chlorine resistant)
- Bleachers for spectators

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall have a vision light
- Access doors and frames must be made of non-corrosive materials
- There shall be multiple entry and egress points from the natatorium
- The natatorium shall require card reader access

### Part 2 Physical Environment

---

#### Flooring

- Ceramic tile is recommended for the pool decking, walls and basins
- Concrete with a non-slip surface administered can be an alternative for decking

#### Ceiling

- A stretchable fiber ceiling will allow for better aesthetics and cut down on maintenance
- Competitive Pools may need T.V. broadcast equipment, different acoustics, and a chlorine resistant ceiling

## **Athletics**

### **Natatorium (Competitive Pool)**

---

#### **Site Lines**

- View of the swimming pool shall not be obstructed
- Natatorium area shall have a clear span
- Natatorium shall have no interior columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- The competitive pool shall have:
  - Acoustics for T.V. broadcasts
  - Underwater speakers are recommended

#### **Lighting**

- Indirect lighting is favored, this will direct the light off of the walls and ceiling and allow for a more even illumination
- Underwater pool lighting is preferred
- There shall be no lighting fixtures located directly over the swimming pool
- Lighting shall be metal halide (chlorine resistant)

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- The pool shall have a public address system
- The pool shall have multiple grounded outlets for touch pad sensors
- There shall be no deck or surface mounted outlets
- The pool shall have a touch pad system for meets with a scoreboard

### **Instructional Aides & Equipment**

- The pool shall have emergency lighting
- The pool shall have anti-intrusion devices and a water sensor that detects unauthorized swimmers
- There shall be a pace clock
- There shall be removable regulation starting blocks

### **Special Features**

- The pool shall have movable bulk heads
- The pool will have adjustable lap lanes
- The pool shall have an ADA water chair lift with unassisted operation
- The natatorium shall have a dehumidifying system
- The natatorium shall have an automatic sanitizing system (PH/Acid Control)

## **Athletics**

### **Natorium (Competitive Pool)**

---

- The natatorium shall have a robotic pool cleaning system
- The pools water pump system shall allow 100% water recirculation to occur every six hours
- Ventilation shall be adequate, providing user comfort, spectator comfort and humidity extraction
- The natatorium shall have separate humidity and climate controls
- There shall be water fountains located within close proximity inside the auditorium

# **Athletics**

## **Natatorium (Teaching Pool)**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- The pool shall have a minimum of four, 6-foot lanes for teaching purposes
- Preferably teaching pools shall be 25 yards and six, 6 ft lanes

#### **Seating**

- All seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Bench seating

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- Access doors and frames must also be made of non-corrosive materials
- There shall be multiple entry and egress points from the natatorium
- Room shall require card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Ceramic tile is preferred for the pool decking, walls and basins
- Concrete with a non-slip surface administered can be an alternative for decking

#### **Ceiling**

- Teaching pools require no specialized ceiling surface

## **Athletics**

### **Tennis Courts**

---

#### **Site Lines**

- View of the swimming pool shall not be obstructed
- Natatorium area shall have a clear span
- Natatorium shall have no interior columns or obstructions

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Underwater speakers are suggested

#### **Lighting**

- Indirect lighting is favored, this will direct the light off of the walls and ceiling and allow for a more even illumination
- Underwater pool lighting is suggested
- There shall be no lighting fixtures located directly over the swimming pool

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- There shall be multiple grounded outlets
- There shall be no deck or surface mounted outlets

#### **Instructional Aides & Equipment**

- There shall be a pace clock as required
- There shall be movable regulation starting blocks as required

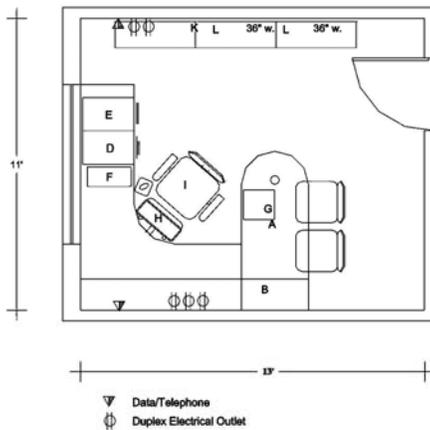
#### **Special Features**

- The pool will have adjustable lap lanes as required
- ADA water chair lift with unassisted operation
- The pools water pump system shall allow 100% water recirculation to occur every six hours
- Ventilation shall be adequate, providing user comfort, spectator comfort and humidity extraction
- The pool shall have emergency lighting
- The pool shall have anti-intrusion devices and a water sensor that detects unauthorized swimmers
- There shall be a storage area for kick boards, pull buoys, and other instructional items
- The natatorium shall have separate humidity and climate controls
- There shall be water fountains located within close proximity inside the auditorium

# Offices

## Faculty, Staff Offices

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- A. U-shaped systems furniture (Metal files, Laminate top)
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. File/file pedestal, lockable
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic task chair
- J. Not used
- K. (4) Full height bookcases
- L. (2) Combo units  
(2) Guest Chairs

Possible office layout for approximately 140 sf from the 2003 University of Cincinnati Design Guidance: Office Space

## Part 1 General Requirements

---

### Capacity & Size

- 140 sf

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Desk with chair
- Table with chairs

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have a lock and key

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors
- Task lighting as required

## **Offices**

Faculty, Staff Offices

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

- Not applicable

# Offices

## Multi-Faculty Offices

### Part 1 General Requirements

#### Capacity & Size

- 75-80 sf (per faculty member)

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Desks with chairs

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall have a vision light
- Room shall have a lock and key

### Part 2 Physical Environment

#### Flooring

- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

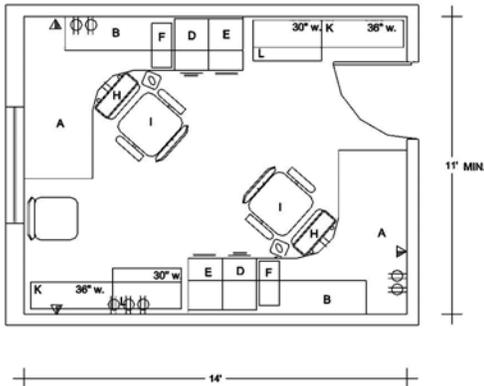
- Not applicable

#### Acoustics

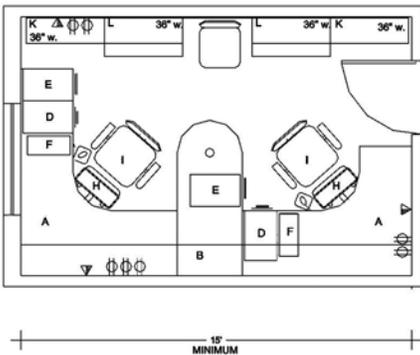
- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors
- Task lighting as required



- A. L-shaped systems furniture (metal files, laminate top)
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. File/file pedestal, lockable
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic task chair
- J. Not used
- K. (2) Full height bookcases
- L. (2) 30" w. combo units



- A. L-shaped systems furniture w/ shared P-top (metal files, laminate top)
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. File/file pedestal, lockable
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic task chair
- J. Not used
- K. (2) Full height bookcases
- L. (2) Combo units

Possible office layouts for approximately 75-80 sf per faculty member from the 2003 University of Cincinnati Design Guidance: Office Space

## **Offices**

### Multi-Faculty Offices

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Not applicable

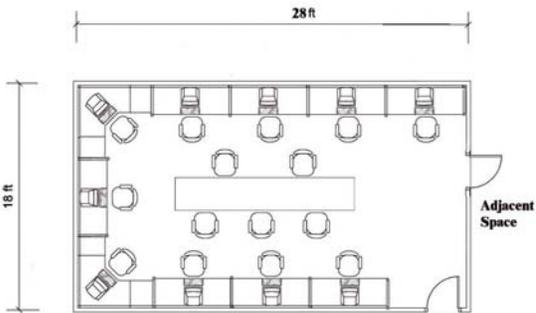
### **Special Features**

- Not applicable

## Offices

### Adjunct Faculty, Staff Offices

---



Possible Adjunct Faculty office layout for approximately 500 sf from the 2003 Stanford University Space Planning Guidelines

## Part 1 General Requirements

---

### Capacity & Size

- 500 sf (this area will accommodate 70 adjunct faculty members)

### Seating

- Desks with chairs (15 workstations)
- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have card reader access
- Push button locks (SPC)

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Offices**

Adjunct Faculty, Staff Offices

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (15) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Room shall have shared printers
- Room shall have two copiers

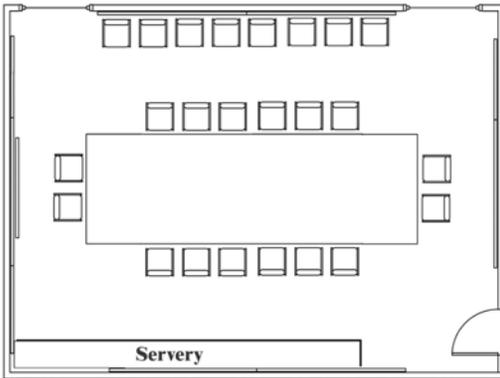
#### **Special Features**

- There shall be a space adjacent to this area which will house the shared printers and copiers as well as the mailboxes for adjunct faculty

## Offices

### Conference Room (Executive)

---



Possible conference room layout for approximately 500 sf from the 2003 Stanford University Space Planning Guidelines

## Part 1 General Requirements

---

### Capacity & Size

- 20 sf. Per occupant
- 500 sf Required

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Standard rolling chairs with a movable table

### Teaching Stations

- Not applicable

### Room Entry

- Door shall have a vision light
- Door shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable

### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- 20fc for note taking while images are being projected
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Offices**

### **Conference Room (Executive)**

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have CTV outlet
- Room shall have duplex power outlets at intervals on the walls.

### **Instructional Aides & Equipment**

- There shall be 18 linear ft of marker board
- Room shall have an electric projection screen

### **Special Features**

- Needs to have a servery with plumbing, a sink, and disposal (preferably enclosed in a cabinet)
- Interactive conference viewing capabilities

## **Offices**

### Reception Area (Suite Entrance)

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 140 sf

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Desk with chair
- Upholstered chairs for waiting

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Doors shall have a vision light
- Room shall have card reader access (if this is the main entrance into the suite)

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be carpet squares

### **Ceiling**

- Ceiling shall have acoustical tile

### **Site Lines**

- Not applicable

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Offices**

Reception Area (Suite Entrance)

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Not applicable

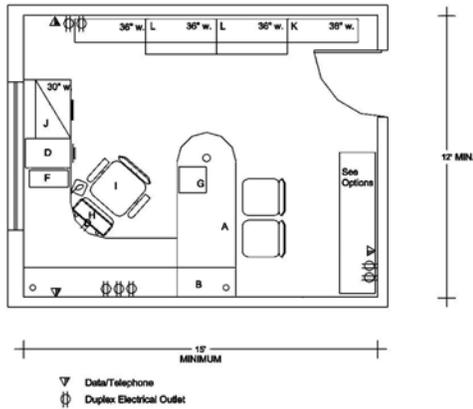
#### **Special Features**

- A small display table
- A paper shredder

## Offices

### Director (Department Head) Offices

---



- A. U-shaped freestanding wood case goods
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. Not used
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic managerial chair
- J. Lateral file, 30" wide, 2 high
- K. (2) Full height bookcases
- L. (2) Combo units  
(2) Guest chairs

Possible office layout for approximately 180 sf from the 2003 University of Cincinnati Design Guidance: Office Space

## Part 1 General Requirements

---

### Capacity & Size

- 170-180 sf

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Desk with chair
- Table with chairs

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Offices**

Director (Department Head) Offices

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

- Not applicable

## Offices

### Dean's Office

---

## Part 1 General Requirements

---

### Capacity & Size

- 220 sf

### Student Seating

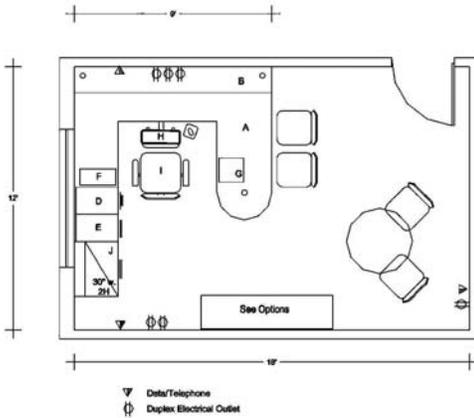
- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Desk with chair
- Table with chairs

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have a lock and key
- Door shall have a push button lock (SAC)



- A. U-shaped freestanding wood case goods
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. File/file pedestal, lockable
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic executive chair (leather option)
- J. Lateral file, 30" wide, 2 high
- Wood conference table and (4) upholstered side chairs

Possible office layout for approximately 220 sf from the 2003 University of Cincinnati Design Guidance: Office Space

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Offices**

Dean's Office

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

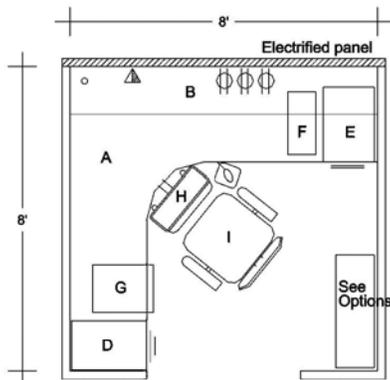
- Storage closet

# Offices

## Northwest Vista Faculty Spaces

Faculty Spaces (cubicles)

---



- A. L-shaped systems furniture (metal files, laminate top)
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. File/file pedestal, lockable
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic task chair

Possible office layout for approximately 64 sf from the 2003 University of Cincinnati Design Guidance: Office Space

## Part 1 General Requirements

---

### Capacity & Size

- 64 sf

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Work station with chair

### Teaching Stations

- Not applicable

### Room Entry

- Not applicable

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable

### Acoustics

- Sound attenuating materials shall be used for the station walls
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- Task lighting shall be provided

**Offices**  
**Northwest Vista Faculty Spaces**  
Faculty Spaces (cubicles)

---

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Work stations shall have a minimum of (2) data LAN ports
- Work stations shall have a minimum of (2) voice port (telephone)/data port

**Instructional Aides & Equipment**

- Not applicable

**Special Features**

- Not applicable

# **Child Development**

## **Child Development Spaces**

Child Development Classroom (Adult)(>25)

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 30sf. Per person
- 100sf. For teaching station

#### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard chairs

#### **Teaching Stations**

- Movable desk and standard chair
- Small movable lectern

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access
- All doors within the Child Development Center shall have finger guards

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

#### **Ceiling**

- Ceiling shall have acoustical tile

#### **Site Lines**

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- There shall be no visual obstructions or interior columns

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

# **Child Development**

## **Child Development Spaces**

### **Child Development Classroom (Adult)(>25)**

---

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station or main entrance
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electrically operated projector screen

#### **Special Features**

- Not applicable

# **Child Development**

## **Child Development Spaces**

Child Development Classroom (Children)

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 35sf. Per child

#### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Child size movable tables and chairs

#### **Teaching Stations**

- Lockable gate to block child access
- There shall be lockable cabinets for personal belongings and records
- There shall be a counter/work space with cabinets below and shelving above
- This area is the proper location for a data LAN port and a voice port/telephone/data port
- The teacher's station shall be located to allow for the supervision of children

#### **Diaper Changing Station**

- This area is necessary for 2 and 3 year olds
- The station should not have visual access from beyond the main door
- The changing station shall be located within arms reach of a sink
- The location/position of the area should allow the teacher to maintain visual access of the classroom
- Appropriate storage is required for children's diapers and associated items

#### **Toilet Area**

- Child sized toilets and sinks are required per code
- All ADA restroom guidelines shall be followed
- The restroom areas shall contain floor drains
- There shall be teacher supervision of the restroom from the classroom
- Lockable cabinets are required for storage of cleaning supplies
- Child size fixture heights shall be:
  - Toilet at 10"
  - Sink/counter at 24"
  - Towel dispenser at 24" for 2 year olds
  - Towel dispenser at 28" for 3-5 year old

# **Child Development**

## **Child Development Spaces**

### **Child Development Classroom (Children)**

---

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access
- There shall be a door which has access to an exterior playground specific to the classrooms age group
- All doors within the Child Development Center shall have finger guards

## **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)
- Carpet squares or floor rugs shall be provided where needed (story time, gathering areas, etc.)

#### **Ceiling**

- Ceiling shall have acoustical tile

#### **Site Lines**

- There room shall have no obstructions or interior columns
- All partition walls inside the classrooms shall be half the height to allow for teacher supervision, this includes the toilet area

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- Lighting shall have multiple switches or settings to allow for only a portion of the room to be dimmed or extinguished
- Lighting controls shall be located in close proximity to the main door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (4) data LAN ports

## **Child Development**

### **Child Development Spaces**

#### **Child Development Classroom (Children)**

---

- 3 data LAN ports should be located at child table height for children's computers
- Room shall have a minimum of (1) voice port (telephone)/data port
- There shall be visual/audio alarms
- There shall be a security monitor
- All electrical outlets will be located at intervals per code
- Electrical outlets will be located outside of child reach or have appropriate covers

### **Instructional Aides & Equipment**

- There shall be 4 linear feet of tackable surface
- The room shall be organized in distinct activity areas to facilitate mobility, competence, and social skills
- Room shall have low tables with sand and water play
- Room shall have a comfortable area for reading

### **Special Features**

- There shall be a sink area for the children
- There shall be a sink area for the instructors
- The child development center shall have an public address system
- There shall be ample storage provided for children's toys
- A bookcase shall be provided for children's books
- Cubbies shall be provided for each child's effects and located by the main entrance
- Coat hooks shall be provided for the children's coats
- The room shall have an adjoining lockable storage closet
- All cabinets and shelving shall be "fixed" due to safety concerns

# Child Development

## Child Development Spaces

### Child Development Classroom (Toddler)

---

## Part 1 General Requirements

---

### Capacity & Size

- 35sf. Per child

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Child size movable tables and chairs

### Teaching Stations

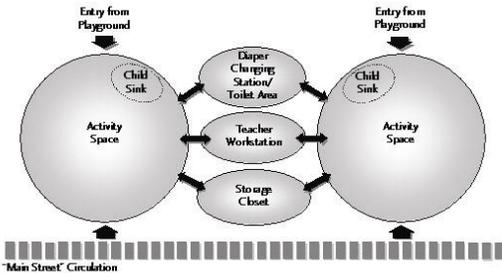
- Lockable gate to block child access
- There shall be lockable cabinets for personal belongings and records
- There shall be a counter/work space with cabinets below and shelving above
- This area is the proper location for a data LAN port and a voice port/telephone/data port
- The teacher's station shall be located to allow for the supervision of children

### Diaper Changing Station

- This area is necessary for 2 and 3 year olds
- The station should not have visual access from beyond the main door
- The changing station shall be located within arms reach of a sink
- The location/position of the area should allow the teacher to maintain visual access of the classroom
- Appropriate storage is required for children's diapers and associated items

### Toilet Area

- Child sized toilets and sinks are required per code
- All ADA restroom guidelines shall be followed
- The restroom areas shall contain floor drains
- There shall be teacher supervision of the restroom from the classroom
- Lockable cabinets are required for storage of cleaning supplies
- Child size fixture heights shall be:
  - Toilet at 10"
  - Sink/counter at 24"
  - Towel dispenser at 24" for 2 year olds
  - Towel dispenser at 28" for 3-5 year olds



Possible layout for a toddler child development classroom

# **Child Development**

## **Child Development Spaces**

### **Child Development Classroom (Toddler)**

---

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access
- There shall be a door which has access to an exterior playground specific to the classrooms age group
- All doors within the Child Development Center shall have finger guards

## **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)
- Carpet squares or floor rugs shall be provided where appropriate (story time, gathering areas, etc.)

#### **Ceiling**

- Ceiling shall have acoustical tile

#### **Site Lines**

- The room shall have no visual obstructions or interior columns
- All partition walls inside the classrooms shall be half height to allow for teacher supervision, this includes toilet area

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- Lighting shall have multiple switches or settings to allow for half of the room to be dimmed or extinguished
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (1) data LAN port

# **Child Development**

## **Child Development Spaces**

### **Child Development Classroom (Toddler)**

---

- 3 data LAN ports should be located at child table height for children's computers
- Room shall have a minimum of (1) voice port (telephone)/data port
- There shall be visual/audio alarms
- There shall be a security monitor
- All electrical outlets will be located at intervals per code
- Electrical outlets will be located outside of child reach or have appropriate covers

### **Instructional Aides & Equipment**

- There shall be 4 linear feet of tackable surface
- The room shall be organized in distinct activity areas to help contain messy play and establish pathways
- Room shall have low tables with sand and water play
- Room shall have a comfortable area for reading

### **Special Features**

- There shall be a sink area for the children
- There shall be a sink area for the instructors in the diaper changing area
- The child development center shall have a public address system
- There shall be ample storage provided for children's toys
- A bookcase shall be provided for children's books
- Cubbies shall be provided for each child's effects
- Coat hooks shall be provided for the children's coats
- The room shall have an adjoining lockable storage closet
- All cabinets and shelving shall be "fixed" due to safety concerns

# Child Development

## Child Development Spaces

### Child Development Classroom (Infant)

---

## Part 1 General Requirements

---

### Capacity & Size

- 40sf. Per child

### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Rocking chairs for instructors
- Movable child size tables and chairs

### Teaching Stations

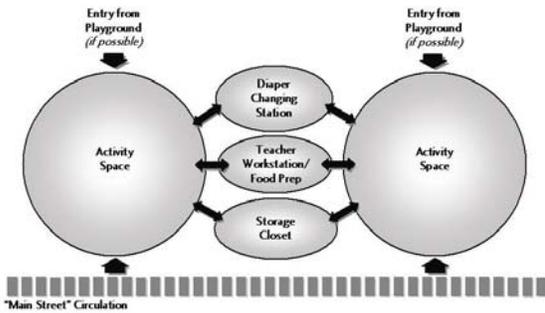
- Lockable gate to block child access
- There shall be lockable cabinets for personal belongings and records
- There shall be a counter/work space with cabinets below and shelving above
- This area is the proper location for a data LAN port and a voice port/telephone/data port
- The teacher's station shall be located to allow for the supervision of children

### Diaper Changing Station

- This area is necessary for 2 and 3 year olds
- The station should not have visual access from beyond the main door
- The changing station shall be located within arms reach of a sink
- The location/position of the area should allow the teacher to maintain visual access of the classroom
- Appropriate storage is required for children's diapers and associated items

### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access
- All doors within the Child Development Center shall have finger guards
- There shall be a door which has access to an exterior playground specific to the classrooms age group



Possible layout for an infant child development classroom

**Child Development**  
**Child Development Spaces**  
Child Development Classroom (Infant)

---

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)
- Flooring shall be carpet squares or floor rugs as appropriate

**Ceiling**

- Ceiling shall have acoustical tile

**Site Lines**

- The room shall have no visual obstructions or interior columns
- All interior partition walls shall be half height to allow for teacher supervision

**Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

**Lighting**

- 70fc required for general lighting
- Lighting shall have multiple switches or settings to allow for half of the room to be dimmed or extinguished
- Lighting controls shall be located in close proximity to the main door
- Lighting shall have motion sensors

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (1) data LAN port
- Room shall have a minimum of (1) voice port (telephone)/data port
- There shall be visual/audio alarms
- There shall be a security monitor

**Instructional Aides & Equipment**

- There shall be 4 linear feet of tackable surface

# Child Development

## Child Development Spaces

### Child Development Classroom (Infant)

---

#### Special Features

- There shall be a sink area for food preparation
- The state mandates a separate sink and preparation area than that of the diaper changing area
- Storage space for formula and food items is required
- There shall be a sink area for hand washing
- The child development center shall have an public address system
- There shall be areas for storage
- Cubby areas shall be provided for each child's personal effects
- Cribs (one per child under the age of 18 months and a non-walker; children under the age of 18 months and a walker may have a washable cot or a crib)
- Cribs are used as a means of evacuation and should have a clearly navigable path to the exits
- Baby swing

**Child Development**  
**Child Development Spaces**  
Child Development  
Training/Community/Multi-Purpose Room

---

**Part 1 General Requirements**

---

**Capacity & Size**

- 30sf. Per person

**Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard chairs

**Teaching Stations**

- Small movable lectern

**Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access
- All doors within the Child Development Center shall have finger guards

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be carpet squares

**Ceiling**

- Ceiling shall have acoustical tile

**Site Lines**

- The room shall have no visual obstructions or interior columns

**Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

**Child Development**  
**Child Development Spaces**  
Child Development  
Training/Community/Multi-Purpose Room

---

### **Lighting**

- 70fc required for general lighting
- 20fc is required for note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (1) data LAN port
- Room shall have a minimum of (1) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- There shall be 16ft of marker board
- There shall be 4ft of tack able surface
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electrically operated projector screen

### **Special Features**

- Depending on room size, a movable divider may be required to accommodate two groups simultaneously

**Child Development**  
**Child Development Spaces**  
Child Development Department Reception Area

---

**Part 1 General Requirements**

---

**Capacity & Size**

- 300sf

**Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- A few seats are needed for waiting
- A small table to hold pamphlets and brochures is required

**Room Entry**

- Doors from exterior shall be glass to allow for natural light
- Doors leading to interior spaces shall have a vision light
- Door shall have a lock and key
- All doors within the Child Development Center shall have finger guards

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be carpet squares

**Ceiling**

- Ceiling shall have acoustical tile

**Site Lines**

- The room shall have no viewing obstructions or interior columns

**Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

**Child Development**  
**Child Development Spaces**  
Child Development Department Reception Area

---

**Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the main/exterior door
- Lighting shall have motion sensors

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (2) data LAN ports
- Room shall have a minimum of (2) voice port (telephone)/data ports

**Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- Room shall have an electrically operated projector screen

**Special Features**

- The room shall have a counter with computer for student log-in

**Child Development**  
**Child Development Spaces**  
Child Development Department Conference Room

---

**Part 1 General Requirements**

---

**Capacity & Size**

- 20sf. Per person
- 250sf. Required for 12 individuals

**Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable table and standard chairs

**Teaching Stations**

- Not applicable

**Room Entry**

- Door shall have a vision light
- Door shall have a lock and key
- All doors within the Child Development Center shall have finger guards

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be carpet squares

**Ceiling**

- Ceiling shall have acoustical tile

**Site Lines**

- The room shall have no viewing obstructions

**Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

# **Child Development**

## **Child Development Spaces**

### Child Development Department Conference Room

---

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching-in station
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (1) voice port (telephone)/data port
- Electrical outlets shall be provided at a regular interval per code

#### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- Room shall have an electric projection screen

#### **Special Features**

- Not applicable

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 500sf overall

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable codes
- Movable seating
- Standard tables and chairs

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Door shall have a vision light
- Door shall have card reader access
- All doors within the Child Development Center shall have finger guards

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be carpet squares

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- The room shall have no visual obstructions or interior columns

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification

### **Lighting**

- 70fc required for general lighting
- There shall be task lighting as required
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have a minimum of (4) data LAN ports

#### **Instructional Aides & Equipment**

- There shall be 8 linear feet of tackable surface
- There shall be 8 linear feet of marker board
- There shall be one wall mounted pencil sharpener

#### **Special Features**

- There shall be appropriate shelving for books
- All shelving should be properly secured for safety

**Child Development**  
**Child Development Spaces**  
Child Development Department Kitchen Area

---

**Part 1 General Requirements**

---

**Capacity & Size**

- Average size corridor kitchen for light cooking

**Seating**

- Small table and chairs for eating

**Room Entry**

- Door shall have a vision light
- Doors shall have card reader access
- Room shall not be easily accessible to children
- All doors within the Child Development Center shall have finger guards

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

**Ceiling**

- Ceiling shall be coated washable acoustical tile

**Site Lines**

- There shall be no visual obstructions or interior columns

**Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Speech shall be intelligible without amplification

**Lighting**

- 70fc required for general lighting
- Lighting shall have motion sensors
- Lighting shall comply with all safety codes

**Child Development**  
**Child Development Spaces**  
Child Development Department Kitchen Area

---

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (1) voice port (telephone)/data port

**Equipment**

- There shall be a Top-Freezer Refrigerator of an average size of 21.7 cubic feet or 24.6 cubic feet
- There shall be a Free Standing Electric Range
- There shall be a Built-In Dishwasher
- Sink shall be a double bowl style
- All cabinets and countertops shall be of materials that will be easily cleanable and will not promote bacteria growth
- Kitchen shall be used for light cooking and not for children's meal preparation

**Child Development**  
**Child Development Spaces**  
Child Development Department Laundry Room

---

**Part 1 General Requirements**

---

**Capacity & Size**

- 100sf
- The room shall be able to hold one washer, one dryer, and storage cabinets for linens

**Seating**

- Not applicable

**Teaching Stations**

- Not applicable

**Room Entry**

- Door shall have a vision light
- Doors shall have card reader access
- Room shall not be easily accessible to children
- All doors within the Child Development Center shall have finger guards

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

**Ceiling**

- Ceiling shall be acoustical tile

**Site Lines**

- Room shall have no interior columns

**Acoustics**

- Sound proofing may be required if located next to occupied spaces

**Lighting**

- 70fc required for general lighting
- Lighting shall have motion sensors

**Child Development**  
**Child Development Spaces**  
Child Development Department Laundry Room

---

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have an outlet for an electric dryer
- Room shall have a minimum of (1) voice port (telephone)/data port

**Instructional Aides & Equipment**

- There shall be one front loaded washing machine
- There shall be one front loaded electric dryer
- There shall be storage cabinets for linens
- There shall be a raised lockable storage cabinet for detergents

# Child Development

## Child Development Spaces

Child Development Department Playground

---

### Part 1 General Requirements

---

#### Capacity & Size

- 80sf per person at any given time
- Separate play areas shall be required as appropriate for varying age groups

#### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable codes
- Outdoor benches shall be provided
- Some benches shall have sun shade devices

#### Teaching Stations

- An outdoor storage area should be used for storage of balls, sand play items, and a first aid kit

#### Room Entry

- There shall be two points of entrance/egress from each play area
- One of the two points of entrance and egress may be the door leading into the building
- Doors shall have card reader access
- Doors leading from the play area into the building shall have vision lights
- The outdoor play area shall not be easily accessible to children
- All doors within the Child Development Center shall have finger guards

### Part 2 Physical Environment

---

#### Flooring

- Drop zones under play equipment shall be shredded rubber or engineered fiber(wood chips)
- Drop zone materials shall be a minimum of 6 inches in depth, but preferably 12 inches in depth
- Drop zone material depth is determined by the height of play equipment and should be portioned per code

#### Ceiling

- Not applicable

# **Child Development**

## **Child Development Spaces**

### Child Development Department Playground

---

#### **Site Lines**

- Play equipment should be arranged so that the area can be easily monitored by instructors

#### **Acoustics**

- Not applicable

#### **Lighting**

- Not applicable

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Exterior building walls shall have grounded outlets with child protective covers

#### **Instructional Aides & Equipment**

- There shall be appropriate play equipment for each age group of children

#### **Special Features**

- Additional information on codes and standards for play ground equipment in the State of Texas can be found in the “Minimum Standard Rules for Licensed Child-Care Centers” at [http://www.tdprs.state.tx.us/Child\\_Care/Child\\_Care\\_Standards\\_and\\_regulations/pdf](http://www.tdprs.state.tx.us/Child_Care/Child_Care_Standards_and_regulations/pdf), produced by the Texas Department of Protective and Regulatory Services

# **Child Development**

## **Learning & Leadership Development Spaces**

### **Learning & Leadership Development Center Classroom**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 25sf Per person
- 100sf For teaching station

### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables with chairs

### **Teaching Stations**

- Movable desk with chair
- Lectern

### **Room Entry**

- Door shall have a vision light
- Doors shall have card reader access
- All doors within the Child Development Center shall have finger guards

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be carpet squares

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- View of the teaching area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- There shall be no visual obstructions or interior columns

# **Child Development**

## **Learning & Leadership Development Spaces**

### **Learning & Leadership Development Center Classroom**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting controls shall be located in close proximity to the teaching station or main entrance
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen

**Child Development  
Learning & Leadership Development Spaces**  
Learning & Leadership Development Center Conference  
Room

---

**Part 1 General Requirements**

---

**Capacity & Size**

- 20sf. Per person
- 250sf. Required for 12 individuals

**Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable table and standard chairs

**Teaching Stations**

- Not applicable

**Room Entry**

- Door shall have a vision light
- Door shall have a lock and key
- All doors within the Child Development Center shall have finger guards

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be carpet squares

**Ceiling**

- Ceiling shall be acoustical tile

**Site Lines**

- Not applicable

**Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

**Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing projected images
- Lighting will not illuminate the projection screen
- Lighting shall have motion sensors

**Child Development**  
**Learning & Leadership Development Spaces**  
Learning & Leadership Development Center Conference  
Room

---

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

**Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electrically operated projection screen

**Child Development**  
**Learning & Leadership Development Spaces**  
Learning & Leadership Development Center Copy Room

---

**Part 1 General Requirements**

---

**Capacity & Size**

- 120sf

**Seating**

- Not applicable

**Teaching Stations**

- Not applicable

**Room Entry**

- Door shall have a vision light
- Door shall have card reader access
- All doors within the Child Development Center shall have finger guards
- Room shall not be easily accessible to children

**Part 2 Physical Environment**

---

**Flooring**

- Flooring shall be carpet squares

**Ceiling**

- Ceiling shall be acoustical tile

**Site Lines**

- Room shall have no interior columns

**Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

**Lighting**

- 70fc required for general lighting
- Lighting shall have motion sensors

**Child Development**  
**Learning & Leadership Development Spaces**  
Learning & Leadership Development Center Copy Room

---

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (1) data LAN ports
- Room shall have a minimum of (1) voice port (telephone)/data port

**Instructional Aides & Equipment**

- Room shall have a color copier
- Room shall have a black and white copier
- Room shall have storage capabilities
- Room shall have counter space to serve as a work area

# Security

## Offices

---

### Part 1 General Requirements

---

#### Capacity & Size

- 140sf

#### Seating

- Desk(s) with chair(s)

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall have a vision light
- Room shall have card reader access

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- Not applicable

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### Lighting

- 80fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Security**

### Offices

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- Not applicable

# **Security**

## **Holding Cell**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 140sf

#### **Seating**

- Steel bench with attachment points for handcuffs

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- Room shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

#### **Ceiling**

- Ceiling shall have acoustical tile
- Ceiling shall be drywall

#### **Site Lines**

- Not applicable

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 80fc required for general lighting
- Lighting controls shall be located in close proximity to the door on the exterior
- Lighting shall have motion sensors

## **Security**

Holding Cell

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Not applicable

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

- Not applicable

# **Security**

## **Evidence Room**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 140sf

#### **Seating**

- Desk with chair
- Table with chairs

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- Room shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

#### **Ceiling**

- Ceiling shall have acoustical tile

#### **Site Lines**

- Not applicable

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 80fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (2) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (2) voice port (telephone)/data port

**Instructional Aides & Equipment**

- Not applicable

**Special Features**

- Not applicable

# **Security**

## **Interrogation Rooms**

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 140sf

#### **Student Seating**

- Table with chairs

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- Room shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

#### **Ceiling**

- Ceiling shall have acoustical tile

#### **Site Lines**

- Not applicable

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 80fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Security**

### Interrogation Rooms

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Not applicable

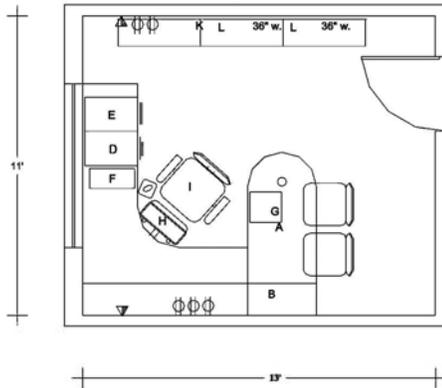
### **Special Features**

- Not applicable

# Student Support

## Counseling Office

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- A. U-shaped systems furniture (Metal files, Laminate top)
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. File/file pedestal, lockable
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic task chair
- J. Not used
- K. (4) Full height bookcases
- L. (2) Combo units  
(2) Guest Chairs

Possible Counseling Office layout for approximately 140 sf from the 2003 University of Cincinnati Design Guidance: Office Space

## Part 1 General Requirements

---

### Capacity & Size

- 140 sf

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating
- Desk with chair
- Table with chairs or acceptable area to meet with students

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Not applicable

### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- Sound proofing required as needed for student confidentiality

### Lighting

- 70fc required for general lighting
- Lighting shall have motion sensors

**Part 3 Technology & Instructional Aides**

---

**Technology**

- Room shall have a minimum of (2) data LAN ports
- Room shall have a minimum of (2) voice port (telephone)/data port
- Ports shall be located on opposing walls

**Instructional Aides & Equipment**

- Not applicable

**Special Features**

- Not applicable

# Student Support

## Tutorial Lab

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### Part 1 General Requirements

---

#### Capacity & Size

- 25sf. Per student
- 100sf. For teaching station

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard chairs

#### Teaching Stations

- Movable check-in station
- Standard chair
- Movable desk

#### Room Entry

- Doors shall have a vision light
- Doors shall have a lock and key

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- View of the teaching/lecture area from the seating area shall not be obstructed
- View from the teaching area shall not be obstructed

#### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

#### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting controls shall be located in close proximity to the check-in station
- Lighting shall have motion sensors

# **Student Support**

## Tutorial Lab

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (4) data LAN ports with one port located per wall
- Room shall have a minimum of (1) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener

#### **Special Features**

- Not applicable

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 25 sf. Per student
- 100 sf. For teaching station

### **Student Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard chairs
- Fixed computer tables with chairs for testing

### **Teaching Stations**

- Check-in station
- Standard chair
- Movable desk

### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be carpet squares

### **Ceiling**

- Ceiling shall have acoustical tile

### **Site Lines**

- View of testing area shall not be obstructed
- View from student desk to student desk should be obstructed

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

# Student Support

## Testing Center

---

### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting controls shall be located in close proximity to the check-in station
- Lighting shall have motion sensors

## Part 3 Technology & Instructional Aides

---

### Technology

- Room shall have a minimum of (25) data LAN ports in a ringed fashion around the rooms outer walls
- Room shall have a minimum of (1) voice port (telephone)
- Room shall have a minimum of (25) data ports
- Room shall have a mounted projector

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electric projection screen

### Special Features

- There shall be a district specified divider for visually blocking students from viewing other students computers when testing.

# Student Support

## Bookstore

---

### Part 1 General Requirements

---

#### Capacity & Size

- PAC - 2,970sf Total - (2,867sf of Retail Space & 103sf of Storage/Warehouse Space)
- SPC - 3,091sf Total – 2,550sf of Retail Space, 541sf of Office Space & Storage/Warehouse Space
- SWC - 195sf for Retail & Storage/Warehouse Space
- SAC – 9,089sf Total – 6,517sf of Retail Space, 1,007sf for Storage/Warehouse Space, & 565sf of Office Space
- NVC – 2,261sf – 1,967sf of Retail Space & 294sf of Storage/Office Space
- Suggested retail space for 12,000 students is 6,500 sf
- Suggested storage/warehouse space for 12,000 students is 1,000 sf
- Suggested office space for 12,000 students is 500 sf
- Anticipate more space for selling uniforms and scrubs if campus encompasses Allied Health Careers

#### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Computer Station with seating
- Tables with chairs
- Sofa/Couch seating for students

#### Room Entry

- Entrance areas shall be designed for high traffic/use
- Doors for Computer area and Cash/Accounting areas shall have card reader access
- All Exterior Doors shall be wired for exit alarms and shall have vision panels
- The loading dock doors shall be equipped with a buzzer

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares
- Due to heavy traffic, especially in the retail sales area, carpet should be premium quality, minimum 28 oz level loop patterned
- Entrances, checkout areas, and traffic heavy aisles shall be vinyl composition tile, vinyl tile or ceramic tile for durability
- The Receiving/Stockroom shall have an unfinished concrete floor

# Student Support

## Bookstore

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### Ceiling

- Ceiling shall have acoustical tile

### Walls

- The Receiving/Stockroom/Warehouse
- shall have painted CMU walls.

### Site Lines

- There shall be clear site lines of the main entrances from the information booth and checkout areas

### Acoustics

- Sound shall not intrude from adjacent spaces
- Acoustical Insulation shall be provided in the walls.

### Lighting

- 70fc required for general lighting

## Part 3 Technology & Instructional Aides

---

### Technology

- All rooms shall have flush outlets
- Security system, point-of-sale system, and computer processing units all shall have dedicated circuitry.
- Workstations, registers, offices, and storage rooms all shall have voice port (telephone)/data ports
- Additional voice port (telephone)/data ports shall be installed for fax machines, security system, and computer modems
- Computer cabling shall be placed for all terminal locations at service centers, workstations, offices, and receiving areas
- Room shall have data LAN ports where appropriate
- The point-of-sale system requires separate cabling to all registers from controller
- Duplex outlets shall be allocated for each Cash register

### Instructional Aides & Equipment

- Computers, cash registers, and related equipment

### Special Features

- Bookstore shall have display windows for merchandise
- Bookstore shall have inviting image

## **Student Clinic**

### **Office (Nurse)**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 140 sf

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable desk with chair
- Additional chair for patient/visitor consultation

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Doors shall have a vision light
- Room shall have a lock and key

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be carpet squares

### **Ceiling**

- Ceiling shall have acoustical tile

### **Site Lines**

- Nurse shall have a clear, unobstructed view of the Reception Area/Clinic Entrance

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors
- Task lighting as required

## **Student Clinic**

Office (Nurse)

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data ports on opposite walls

#### **Instructional Aides & Equipment**

- Room shall have large lockable cabinets for storage of medicine and other medical supplies

#### **Special Features**

- A small storage closet accessed through the office for storage
- Closet shall have lock and key
- A paper shredder is also needed

# **Student Clinic**

## Reception Area/Clinic Entrance

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 120 sf

#### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Small movable desk with chair (check-in area)
- Two or three upholstered chairs for waiting

#### **Teaching Stations**

- Not applicable

#### **Room Entry**

- Doors shall have a vision light
- Room shall have card reader access (if this is the main entrance into the suite)

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be carpet squares

#### **Ceiling**

- Ceiling shall have acoustical tile

#### **Site Lines**

- Not applicable

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Student Clinic**

Reception Area/Clinic Entrance

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data ports on opposite walls

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

- Not applicable

# Student Clinic

## Clinic Area

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### Part 1 General Requirements

---

#### Capacity & Size

- 154 sf (11 ft. x 14 ft.)

#### Student Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- (2) Beds with Side Tables
- (2) Chairs

#### Teaching Stations

- Not applicable

#### Room Entry

- Door shall have a vision light
- Room shall have a lock and key

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- Not applicable

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have multiple switches or settings to allow for only a portion of the room to be dimmed or extinguished
- Lighting shall have motion sensors

# **Student Clinic**

Clinic Area

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (4) data LAN ports on opposite walls
- Room shall have a minimum of (4) voice port (telephone)/data ports on opposite walls

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

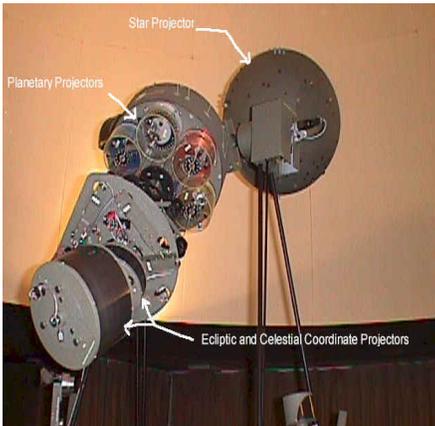
- Room shall be divisible by two curtain systems on ceiling mounted tracks, creating privacy for each bed

# Areas of Special Requirement

## Planetarium

### Planetarium Theatre

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Photographs of the Spitz model  
A3-P star projector

## Part 1 General Requirements

---

### Capacity & Size

- 25sf Per student
- 100sf for a lecture area

### Seating

- Seating shall comply with the Americans with Disability Act, and all applicable current codes
- Unidirectional or circular fixed seating

### Teaching Stations

- There shall be a clear center area for the “star projector” to be located

### Room Entry

- Doors shall have card reader access
- The theatre entry shall contain a light trap
- The theatre shall have a 48” wide door

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Ceiling

- The ceiling shall be dome shaped
- The ceiling shall be made of plaster or perforated aluminum
- The ceiling shall have adequate ladder space or a catwalk
- Ceiling shall have multiple special features

### Site Lines

- The view of the ceiling and other demonstration viewing areas shall not be obstructed
- The room shall have a clear span
- The room shall have no interior columns

### Acoustics

- There shall be no excessive equipment or air flow noise
- Sound shall not intrude from adjacent spaces
- The room shall have a microphone
- The theatre shall have proper sound dampening

## **Areas of Special Requirement**

### **Planetarium**

#### **Planetarium Theatre**

---

- The theatre shall have active sound management
- The room shall use acoustical features including construction materials and surface treatments at back side of the dome, interior walls, and interior floors
- The room shall have a sound system for audio during shows

### **Lighting**

- 20fc required for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing needs
- The theatre shall have no windows
- Three types of lighting are suggested:
  - Cave lighting (projection assistance during shows)
  - Work lighting- 70fc (full light)
  - Work lighting partial (half light allows you to adjust images for creating shows)
- Theatrical lighting may be considered if you have many guest speakers

## **Part 3 Technology & Instructional Aides**

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### **Technology**

- Room shall have a CRT video projector
- Room shall have a minimum of (1) data LAN port
- Room shall have a minimum of (1) voice port (telephone)/data port
- Room shall have multiple electrical outlets per code
- The room shall have a multi-channel amplifier and mixer
- Planetarium shall have at least 4 speakers
- The theatre shall have a multi-channel tape deck
- Theatre shall have a centrally located star projector

### **Instructional Aides & Equipment**

- The theatre shall have multiple projectors
- The theatre shall have auxiliary projectors

## Areas of Special Requirement

### Planetarium

#### Planetarium Theatre

---

### Special Features

- The planetarium shall have a direct relationship to the observatory
- The observatory shall have a telescope
- The theatre shall have an adjacent waiting/entrance area
- The waiting area shall have a restroom and water fountain
- There shall be a minimum 80sf storage area for tapes and other equipment
- There shall be a slide table and work counters for organization and previewing slide shows
- All the planetarium instruments shall have a centralized control point (either a computer with keyboard or a control console)
- It is important to match your “star projector” with the appropriate dome dimensions (see graphic below)

<b>Dome Diameter Range</b>	<b>Approximate Seating Capacity</b>
Less than 7 meters	10 – 50*
7 to 11 meters	20 – 130
11 to 13 meters	40 – 200
13 to 16 meters	140 – 250
16 to 19 meters	200 – 270
19 meters and greater	250 - 680

Chart provided by the International Planetarium Society

# Areas of Special Requirement

## Planetarium

Planetarium Office

---

### Part 1 General Requirements

---

#### Capacity & Size

- 140sf

#### Seating

- Desk with chair
- Table with chairs

#### Teaching Stations

- Not applicable

#### Room Entry

- Doors shall have a vision light
- Room shall have a lock and key

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be carpet squares

#### Ceiling

- Ceiling shall have acoustical tile

#### Site Lines

- Not applicable

#### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise

#### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors
- Task lighting as required

## **Areas of Special Requirement**

### **Planetarium**

Planetarium Office

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

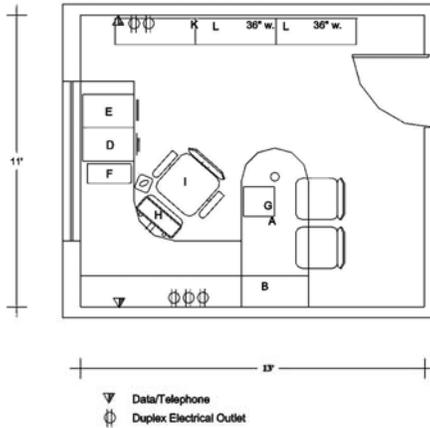
- Not applicable

# Areas of Special Requirement

## Motor Pool

### Faculty, Staff Offices

---



- A. U-shaped systems furniture (Metal files, Laminate top)
- B. Overhead storage w/ task lights
- C. Tackable panel with work tool rail and paper management
- D. Drawer/drawer/file pedestal, lockable
- E. File/file pedestal, lockable
- F. CPU mounting unit (fixed or mobile)
- G. Pencil drawer
- H. Ergonomic adjustable keyboard
- I. Ergonomic task chair
- J. Not used
- K. (4) Full height bookcases
- L. (2) Combo units
- (2) Guest Chairs

Possible office layout for approximately 140 sf from the 2003 University of Cincinnati Design Guidance: Office Space

## Part 1 General Requirements

---

### Capacity & Size

- 140 sf

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Desk with chair
- Table with chairs or alternative visitor seating

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have a lock and key

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares
- Or flooring shall be Vinyl Composite Tile (VCT)

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Room shall have no interior columns

### Acoustics

- Sound shall not intrude from adjacent spaces
- Additional sound insulation may be necessary due to noise from motor pool equipment
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors
- Task lighting as required

## **Areas of Special Requirement**

### **Motor Pool**

Motor Pool Office

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- Not applicable

# Areas of Special Requirement

## Motor Pool

### Motor Pool Tool Room

---

## Part 1 General Requirements

---

### Capacity & Size

- 250sf
- Additional tool storage space shall be located next to each repair bay for specifically related equipment

### Seating

- Not applicable
- Stool or ladder may be needed to access stored items

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be concrete
- Or flooring shall be Vinyl Composite Tile (VCT)

### Ceiling

- Ceiling shall have acoustical tile
- Or ceiling shall be exposed

### Site Lines

- Not applicable
- Interior columns should be minimized

### Acoustics

- Not applicable

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Areas of Special Requirement**

### **Motor Pool**

Motor Pool Tool Room

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) data LAN ports on opposite walls
- Room shall have a minimum of (2) voice port (telephone)/data ports on opposite walls

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- Room shall have multiple cabinets for tool storage
- Room shall have a minimum of (1) tool storage rack(s)
- Room shall have multiple utility chests for storage

# Areas of Special Requirement

## Motor Pool

### Motor Pool Break/Meeting Room

---

## Part 1 General Requirements

---

### Capacity & Size

- 25sf Per person
- 75sf For serving/coffee station

### Seating

- Standard movable table with standard chairs

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have a lock and key

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be concrete
- Or flooring shall be Vinyl Composite Tiles (VCT)

### Ceiling

- Ceiling shall have acoustical tile

### Site Lines

- Room shall have no obstructions
- Room shall have no interior columns

### Acoustics

- Sound shall not intrude from adjacent spaces
- Additional sound proofing materials may be needed to reduce noise from work areas
- There shall be no excessive equipment or air flow noise

### Lighting

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Areas of Special Requirement**

### **Motor Pool**

Motor Pool Break/Meeting Room

---

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (1) data LAN port
- Room shall have a minimum of (1) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- The room shall have 4 linear feet of marker board
- The room shall have 4 linear feet of tack able space

### **Special Features**

- Room shall have a serving station or cabinets with work top for coffee and associated items
- Room shall have a small refrigerator for employee use
- Room shall have a microwave for employee use
- Room shall have storage areas or lockers for employee's personal items

# Areas of Special Requirement

## Motor Pool

### Motor Pool Shop Space

---

## Part 1 General Requirements

---

### Capacity & Size

- 960 sf for two bays
- 1,440 sf for directly related support space
- 600 sf for administrative and indirect support space
- Approximately 3,000 gsf per two bays
- An average bay is 16ft by 30ft

### Seating

- Movable stools and step ladders for servicing equipment

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- One overhead door is required for each bay; preferably each bay will have two overhead doors to allow vehicle flow through the service area
- The main entrances from outside the shop shall have card reader access
- Additional rooms or spaces located within the Shop Space shall have lock and key access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be concrete

### Ceiling

- Open to above

### Site Lines

- The Shop Space shall have no visual or physical obstructions as the area is required to be open for vehicle maintenance and large equipment

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Special acoustics required to reduce noise produced within the Shop Space

## **Areas of Special Requirement**

### **Motor Pool**

#### **Motor Pool Shop Space**

---

#### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors
- Multiple types of task lighting shall be required

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (4) data LAN ports on opposite walls
- Room shall have a minimum of (4) voice port (telephone)/data ports on opposite walls

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board located on two walls
- There shall be 16 linear feet of tackable space located on two walls
- There shall be tool boxes and some small tool storage associated with each bay area

#### **Special Features**

- Shop space shall require appropriate safety equipment
- Shop space shall require appropriate storage containers in designated areas for hazardous materials and automotive related fluids
- Space shall be directly connected to the Motor Pool Office and the Conference/Break Room area
- Space would ideally be a separate building and not attached to the Car Wash Space, Courtesy Patrol Shop, Vehicle Storage or the Fueling Station
- Shop Space shall have lifts and shall have entrance doors of at least 16'-0" in width

# Areas of Special Requirement

## Motor Pool

### Motor Pool Car Wash Area

---

## Part 1 General Requirements

---

### Capacity & Size

- One Vehicle Platform shall be provided for every 50 vehicles serviced
- If the area is enclosed there shall be no vehicle entrance door less than 16'-0" in width
- An average wash platform shall be 16' by 30' for most vehicles and trailers

### Seating

- Not applicable

### Teaching Stations

- Not applicable

### Room Entry

- Pedestrian doors shall have a vision light
- Main entrance from outside the facility shall have card reader access, if facility is enclosed
- Any Additional rooms or spaces located within the Shop Space shall have lock and key access
- Overhead doors shall have some type of vision light

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be concrete
- Flooring shall have drainage capabilities

### Ceiling

- Open to above if structure is enclosed

### Site Lines

- The Car Wash Area shall have no visual or physical obstructions as the area is required to allow vehicles to enter and exit easily

### Acoustics

- Sound shall not intrude from adjacent spaces
- There shall be no excessive equipment or air flow noise
- Special acoustics required to reduce noise produced within the Car Wash Area

## **Areas of Special Requirement**

### **Motor Pool**

#### **Motor Pool Car Wash Area**

---

### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the main entrance, if facility is enclosed
- Lighting shall have motion sensors, if facility is enclosed
- Exterior Metal Halide lighting, if facility is not enclosed
- Exterior lighting shall have timers and motion sensors

## **Part 3 Technology & Instructional Aides**

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### **Technology**

- Room shall have a minimum of (2) voice port (telephone)/data ports on opposite walls, if an office type space is included
- Some type of communication area, via an emergency phone is needed if facility is not enclosed with an office
- Area shall have multiple grounded outlets per all applicable current codes

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- This space shall ideally be a separate building and not attached to the Shop Space, Courtesy Patrol Shop, Vehicle Storage or the Fueling Station
- Appropriate equipment for large vehicle washing is required
- Location of boom should be considered if facility does not have a roof

## **Areas of Special Requirement**

### **Motor Pool**

#### **Motor Pool Vehicle Storage Area**

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## **Part 1 General Requirements**

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### **Capacity & Size**

- 300 sf to 480 sf per vehicle stored (this area is appropriate for an SUV sized vehicle to an SUV sized vehicle with trailer)
- Storage area for vehicles awaiting parts or repair shall house one vehicle for every 30 owned
- There shall be no vehicle entrance doors less than 16'-0" in width

### **Seating**

- Not applicable

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Pedestrian doors shall have a vision light
- The main entrances from outside the facility shall have card reader access
- Additional rooms or spaces located within the Vehicle Storage Area shall have lock and key access
- Overhead doors shall have some type of vision light

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be concrete

### **Ceiling**

- Open to above

### **Site Lines**

- Area shall have no visual or physical obstructions as the area is required to allow vehicles to enter and exit easily

### **Acoustics**

- Not applicable

## **Areas of Special Requirement**

### **Motor Pool**

#### **Motor Pool Vehicle Storage Area**

---

### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the pedestrian doors
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) voice port (telephone)/data ports on opposite walls
- Room shall have multiple grounded outlets per all applicable current codes

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- This space would ideally be a separate building and not attached to the Shop Space, Courtesy Patrol Shop, Car Wash Area or the Fueling Station

# Areas of Special Requirement

## Motor Pool

### Motor Pool Vehicle Fueling Area

---

## Part 1 General Requirements

---

### Capacity & Size

- 1,080 gsf for each fueling stall
- Area for support spaces shall be programmed as needed if not included in adjacent buildings
- Fuel storage capacity to be later determined based on ACCD motor pool needs

### Seating

- Not applicable

### Teaching Stations

- Not applicable

### Room Entry

- The main entrances from outside the facility (the pump area) shall have card reader access
- Additional rooms or spaces located within the Vehicle Fueling Station shall have lock and key access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be concrete

### Ceiling

- Ceiling located within adjacent support building shall be acoustical tile

### Site Lines

- The Vehicle Fueling Area shall have no visual or physical obstructions as the area is required to allow vehicles to enter and exit easily

### Acoustics

- Not applicable

## **Areas of Special Requirement**

### **Motor Pool**

#### **Motor Pool Vehicle Fueling Area**

---

### **Lighting**

- 70fc required for general lighting
- Lighting controls shall be located in close proximity to the pedestrian doors
- Interior lighting shall have motion sensors
- There shall also be exterior Metal Halide Lighting for evenings
- Exterior lighting shall have a timer and motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- The support building shall have a minimum of (2) voice port (telephone)/data ports on opposite walls
- The support building shall have a minimum of (2) LAN ports located on opposite walls
- The building shall have multiple grounded outlets per all current applicable codes

### **Instructional Aides & Equipment**

- Not applicable

### **Special Features**

- This space would ideally be a separate building and not attached to the Shop Space, Courtesy Patrol Shop, Car Wash Area or the Vehicle Storage Area
- This area shall require all necessary safety equipment as specified by code
- This area may require a hazardous storage area to meet code
- The Vehicle Fueling Station will require gas pumps and related equipment
- Special attention shall be required to the City of San Antonio Fire Department Standards and Codes for Fueling Stations

# Areas of Special Requirement

## Motor Pool

Motor Pool Courtesy Patrol Shop

---

### Part 1 General Requirements

---

#### Capacity & Size

- 480 sf per bay cleaning area, if facility is enclosed
- 16' by 30' provides adequate working space, if facility is not enclosed
- There shall be no vehicle entrance doors less than 16'-0" in width, if facility is enclosed

#### Seating

- Movable stools
- Movable step ladders to access the tops of taller vehicles

#### Teaching Stations

- Not applicable

#### Room Entry

- Pedestrian doors to courtesy area or support spaces shall have a vision light
- The main entrances from outside the facility shall have card reader access
- Additional rooms or spaces located within the Courtesy Patrol Shop shall have lock and key access
- Overhead doors shall have some type of vision light, if the courtesy area is enclosed

### Part 2 Physical Environment

---

#### Flooring

- Flooring shall be concrete

#### Ceiling

- Open to above
- Ceiling shall be acoustical tile within support spaces

#### Site Lines

- The Courtesy Patrol Shop shall have no visual or physical obstructions as the area is required to allow vehicles to enter and exit easily

#### Acoustics

- No excessive air flow or exhaust noise in support spaces

## **Areas of Special Requirement**

### **Motor Pool**

Motor Pool Courtesy Patrol Shop

---

#### **Lighting**

- 70fc required for general lighting in support spaces
- Lighting controls shall be located in close proximity to the pedestrian doors
- Interior lighting shall have motion sensors
- There shall also be exterior Metal Halide Lighting for evenings
- Exterior lighting shall have timers and motion sensors

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- The building shall have a minimum of (2) voice port (telephone)/data ports on opposite walls
- The building shall have a minimum of (2) LAN ports
- The building shall have multiple grounded outlets suitable for car vacuums and equipment per all current applicable codes

#### **Instructional Aides & Equipment**

- Not applicable

#### **Special Features**

- This space would ideally be a separate building and not attached to the Shop Space, Vehicle Fueling Area, Car Wash Area or the Vehicle Storage Area
- The Courtesy Patrol Shop shall require car vacuums and related vehicle detailing and cleaning equipment
- The Courtesy Patrol Shop should have an office located within the building
- The Courtesy Patrol Shop shall also been in close proximity to the Car Wash Area

**Areas of Special Requirement**  
**Mortuary Science**  
Restorative Art Lab

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**See General Classrooms**

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**Small Classroom – 1.1.1 or**  
**Medium Classroom – 1.2.1**

# Areas of Special Requirement

## Mortuary Science

### Restorative Art Lab

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The above photo is an example of a restorative arts lab. This lab is located at St. Petersburg College in Florida.

## Part 1 General Requirements

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### Capacity & Size

- 50 sf per student
- 100 sf for teaching station

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Fixed laboratory benches with laboratory stools
- All bench tops, table tops, fume hood tops, and sinks shall be epoxy resin (ADA sinks are to be stainless steel set into an epoxy countertop)
- All student bench work spaces shall be sitting height, all other perimeter casework shall be standing height (except as required by ADA regulations)
- Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)
- There shall be counters located along the wall with movable stools

### Teaching Stations

- Fixed teaching station with services
  - All countertops shall be epoxy resin
  - Sink with H/CW fixture with vacuum breakers is required (unless otherwise noted by faculty and/or administration)
- Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)
- Small movable lectern with stool

### Room Entry

- Doors shall have a vision light
- The room shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be sealed VCT
- Or flooring shall be broadcast epoxy resin

## **Areas of Special Requirement**

### **Mortuary Science**

#### **Restorative Art Lab**

---

#### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- There shall be no viewing obstructions in the room
- Room shall have no interior columns

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Task lighting may be required
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- The room shall have a minimum of (2) voice port (telephone)/data port
- The room shall have a minimum of (2) LAN port
- The room shall have a mounted projector
- The room shall have a minimum of (1) wall mounted pencil sharpener

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- There shall be an electrically operated projection screen

## **Areas of Special Requirement**

### **Mortuary Science**

#### **Restorative Art Lab**

---

### **Special Features**

- There shall be ample storage for cosmetics and cosmetology tools
- There shall be safety equipment as required by code

### **Notes**

- The Mortuary Building requires a separate entrance for the loading and unloading of bodies

# Areas of Special Requirement

## Mortuary Science

### Human Anatomy Lab

---

## Part 1 General Requirements

---

### Capacity & Size

- 50sf per student
- There shall be one cadaver station per five students
- 100sf for teaching station

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- There shall be cadaver stations with ample space for students around each
- If dissection tables are chosen over dissection workstations (see photos in left margin), the bench tops will require sinks made of epoxy resin (ADA sinks are to be stainless steel set into an epoxy countertop)
- All student bench work spaces shall be sitting height, all other perimeter casework shall be standing height (except as required by ADA regulations)
- Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)
- There shall be counters located along the wall with movable stools
- Mopec Dissection Tables and Worktables provide a good example of the necessary student and teacher stations



Above are two examples of Mopec Dissection Tables.

### Teaching Stations

- Movable teaching dissection workstation or table
  - All countertops shall be epoxy resin
  - Sink with H/CW fixture with vacuum breakers is required (unless otherwise noted by faculty and/or administration)
- Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)
- Small movable lectern with stool



Above is an example of a Mopec Dissection Workstation with utilities.

### Room Entry

- Doors shall have a vision light
- The room shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be sealed VCT (Vinyl Composite Tile)

## Areas of Special Requirement

### Mortuary Science

#### Human Anatomy Lab

---

- Or flooring shall be broadcast epoxy resin
- Flooring shall have draining capabilities

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall be acoustical tile

### Site Lines

- There shall be no viewing obstructions in the room
- Room shall have no interior columns

### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Task lighting shall be provided where needed
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors



Above are two examples of Mopec refrigerators, a Walk In Refrigerator and a Conveyor Tray System Refrigerator. Type to be determined by ACCD.

## Part 3 Technology & Instructional Aides

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### Technology

- The room shall have a minimum of (1) voice port (telephone)/data port
- The room shall have a minimum of (3) LAN port
- The room shall have a mounted projector

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- There shall be an electrically operated projection screen
- The room shall have a minimum of (1) wall mounted pencil sharpener

### Special Features

- The lab shall have stainless steel tanks

## **Areas of Special Requirement**

### **Mortuary Science**

#### **Human Anatomy Lab**

---

- The lab shall have refrigerators (examples located in left margin)
- The room shall have ample sinks and washing areas besides those provided within the Mopec Dissection Workstations
- The room shall have storage areas for student belongings
- The room shall have storage areas for anatomy tools and materials
- The room shall have safety equipment as required by all current applicable codes

### **Notes**

- This Human Anatomy Lab area should be combined in one room with the Embalming Lab
- The Mortuary Building requires a separate entrance for the loading and unloading of bodies

# Areas of Special Requirement

## Mortuary Science

### Embalming Lab

---

## Part 1 General Requirements

---



The above photo shows an Embalming Lab at Canton State University in New York.



The above photo shows an Embalming Lab at St. Petersburg College in Florida.

### Capacity & Size

- 50 sf per student
- 100 sf for teaching station
- There shall be one embalming station with ample space for every five students

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- There shall be cadaver stations with ample space for students around each
- If dissection tables are chosen over dissection workstations, the bench tops will require sinks made of epoxy resin (ADA sinks are to be stainless steel set into an epoxy countertop)
- All student bench work spaces shall be sitting height, all other perimeter casework shall be standing height (except as required by ADA regulations)
- Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)
- There shall be counters located along the wall with movable stools
- Mopec Embalming Tables or Workstations provide a good example of the necessary student and teacher stations

### Teaching Stations

- Movable teaching embalming workstation or table
  - All countertops shall be epoxy resin
  - Sink with H/CW fixture with vacuum breakers is required (unless otherwise noted by faculty and/or administration)
- Gas, Air, Vac services are required (unless otherwise noted by faculty and/or administration)
- Small movable lectern with stool

### Room Entry

- Doors shall have a vision light
- The room shall have card reader access

## Part 2 Physical Environment

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### Flooring

- Flooring shall be concrete

## Areas of Special Requirement

### Mortuary Science

#### Embalming Lab

---



- Or flooring shall be VCT (Vinyl Composite Tile)
- Or flooring shall be broadcast epoxy resin
- Flooring shall have drain capabilities

#### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

#### Ceiling

- Ceiling shall be acoustical tile

#### Site Lines

- There shall be no viewing obstructions in the room
- Room shall have no interior columns

#### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

#### Lighting

- 70fc required for general lighting
- 20fc for projection of note taking
- Task lighting shall be provided where needed
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors



The above photos show examples of an Embalming Table and an Embalming Workstation.

## Part 3 Technology & Instructional Aides

---

### Technology

- The room shall have a minimum of (2) voice port (telephone)/data port
- The room shall have a minimum of (2) LAN port
- Room shall have a mounted projector

### Instructional Aides & Equipment

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- Room shall have an electrically controlled projection screen
- Room shall have a minimum of (1) wall mounted pencil sharpener

## **Areas of Special Requirement**

### **Mortuary Science**

#### **Embalming Lab**

---

#### **Special Features**

- The room shall have a downdraft ventilation system which captures gases and vapors directly at the source
- The room shall have an eye wash facility and a first aid kit
- The room shall have stainless steel sinks
- The room shall have a lockable cabinet for chemical storage
- The room shall have refrigerators (see 13.13.1 for images)
- The room shall have the required safety equipment to meet all current applicable codes

#### **Notes**

- This Embalming Lab area should be combined in one room with the Human Anatomy Lab
- The Mortuary Building requires a separate entrance for the loading and unloading of bodies

# Areas of Special Requirement

## Mortuary Science

### Merchandising Lab

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The above photo shows an example of a Merchandising Lab that is directly connected to a small chapel area. However the two areas are able to be separated by a movable partition. The photo is from St. Petersburg College in Florida.

## Part 1 General Requirements

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### Capacity & Size

- 400sf for displaying items

### Seating

- Seating shall comply with the Americans with Disabilities Act and all applicable current codes
- There shall be a small movable conference table with movable chairs

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- The room shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be carpet squares

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall be acoustical tile

### Site Lines

- There shall be no viewing obstructions in the room
- Room shall have no interior columns

### Acoustics

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise

# Areas of Special Requirement

## Mortuary Science

### Merchandising Lab

---

#### Lighting

- 70fc required for general lighting
- Task lighting shall be provided where needed
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

### Part 3 Technology & Instructional Aides

---

#### Technology

- The room shall have a minimum of (2) voice port (telephone)/data port
- The room shall have a minimum of (2) LAN port

#### Instructional Aides & Equipment

- Not applicable

#### Special Features

- The room shall have display cases, some shall be lockable
- The room shall have adequate space for casket displays
- The room shall have a private conference feel

#### Notes

- The Mortuary Building requires a separate entrance for the loading and unloading of bodies

# Areas of Special Requirement

## Allied Health

### Surgical Technology – Wet Lab

---

## Part 1 General Requirements

---

### Capacity & Size

- 100sf Per student
- 100sf For teaching station
- Minimum room size of 1,000 sf

### Seating

- Not applicable

### Teaching Stations

- Seating shall comply with the Americans with Disabilities Act and all applicable current codes
- Standard movable table
- Standard movable lectern

### Room Entry

- Door shall have a vision light
- Door shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT) coated with clear epoxy resin
- Or flooring shall be welded seamless sheet vinyl

### Walls

- Wall material shall be latex paint
- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall be coated epoxy acoustical tile

### Site Lines

- View of the teaching/lecture area shall not be obstructed from any portion of the room
- View of the table/teaching station shall not be obstructed from any view within the room
- Room shall have no interior columns

## **Areas of Special Requirement**

### **Allied Health**

#### **Surgical Technology – Wet Lab**

---

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

### **Lighting**

- 70fc required for general lighting
- Surgical/task lighting required
- Lighting shall have multiple switches or settings to allow for teaching/demonstration needs
- Lighting controls shall be located in close proximity to the teaching/demonstration area
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port
- Room shall have multiple outlets to sustain large medical equipment and machines

### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have video conferencing capabilities

### **Special Features**

- There shall be a hazardous materials cabinet
- There shall be a demonstration table
- There shall be a fume hood
- Room shall have built-in countertops and cabinets
- Room shall have an eye wash/safety station
- There shall be a stainless steel sink
- There shall be a steam sterilizer
- There shall be a contamination washer
- Room shall have multiple storage cabinets for glassware

# Areas of Special Requirement

## Allied Health

### Surgical Technical – Dry Lab

---

## Part 1 General Requirements

---

### Capacity & Size

- 100 sf per student
- 100 sf for teaching station
- Room shall be a minimum of 1,000 sf

### Seating

- Seating shall comply with the Americans with Disability Act, and all applicable current codes
- Movable tables and standard chairs
- Seating should accommodate lecture setting which can be easily removed/moved for demonstrations

### Teaching Stations

- Movable desk with chair
- Small movable lectern

### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT) coated with clear epoxy resin
- Or flooring shall be welded seamless sheet vinyl

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall be coated epoxy acoustical tile

### Site Lines

- View of the teaching/lecture area shall not be obstructed from any view in the room

## **Areas of Special Requirement**

### **Allied Health**

#### **Surgical Technical – Dry Lab**

---

- View of the table/teaching station shall not be obstructed from any view in the room
- Room shall have no interior columns

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

#### **Lighting**

- 70fc required for general lighting
- 20fc required for projection of note taking
- Task/demonstration lighting required
- There shall be a minimum of (2) lights with separate controls
- Lighting shall have multiple switches or settings to allow for viewing/demonstration needs
- Lighting controls shall be located in close proximity to the teaching/demonstration area
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Room shall have an electronically operated projection screen
- There shall be 16 linear feet of marker board
- There shall be 8 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

### **Special Features**

- The room shall have the flexibility to function as a mock operating room with a minimum of (2) stations
- The room shall have two walls of storage cabinets with a minimum shelf depth of 18" and glass doors
- The room shall have a minimum of (2) suction outlets
- No furniture in the room shall be fixed to allow for easy manipulation of the space for varying needs

# **Areas of Special Requirement**

## **Allied Health**

### **Surgical Technology – Storage Prep Area**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- Room shall be approximately 200 sf

### **Seating**

- Seating shall comply with the Americans with Disabilities Act and all applicable current codes
- Room shall have a few movable stools

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access
- Storage prep area shall have a swinging door that leads into the lab area

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT) coated with clear epoxy resin
- Or flooring shall be welded seamless sheet vinyl

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be coated epoxy acoustical tile

### **Site Lines**

- Room shall have no interior columns

### **Acoustics**

- Not applicable

## **Areas of Special Requirement**

### **Allied Health**

#### **Surgical Technology – Storage Prep Area**

---

### **Lighting**

- 70fc required for general lighting
- Task lighting required
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- There shall be 4 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

### **Special Features**

- Room shall have a minimum of (2) suction outlets
- Storage prep room shall have only GFI outlets
- Room shall have connections for built-in sterilizer with water line for steam

## **Areas of Special Requirement**

### **Allied Health**

Physical Therapy – Vocational Lab/Teaching Space

---

### **See General Classrooms**

---

#### **Small Classroom – 1.1.1**

(Consider adding 200 sf of additional space to account for a demonstration area.)

#### **Notes**

- Room may require a physical therapy table for demonstrations
- This same space type could also be used by Occupational Therapy for Vocational Lab/Classroom Space

# Areas of Special Requirement

## Allied Health

### Physical Therapy – Wet Lab

---

## Part 1 General Requirements

---

### Capacity & Size

- 100 sf per student
- 100 sf for teaching station

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable seating/movable stools

### Teaching Stations

- Small lectern and movable stool

### Room Entry

- Doors shall have a vision light
- Doors shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall be acoustical tile

### Site Lines

- View of the teaching/lecture area shall not be obstructed from any view in the room
- View of the demonstration/teaching station shall not be obstructed from any view in the room
- Room shall have no interior columns

## **Areas of Special Requirement**

### **Allied Health**

#### **Physical Therapy – Wet Lab**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

#### **Lighting**

- 70fc required for general lighting
- 20fc required for projection of note taking
- Task lighting shall be provided as required
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Room shall have an electronically operated projection screen
- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

#### **Special Features**

- The room shall have GFI outlets located at 6'-0" intervals along all walls at 4'-0" above the floor
- There shall be a non-functional restroom with a tub and commode
- The room shall have multiple built-in storage cabinets
- The room shall have two working sink areas
- Room shall have adequate space for physical therapy equipment

# **Areas of Special Requirement**

## **Allied Health**

### **Respiratory Care - Vocational Classroom/Lab**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 50 sf per student
- 100 sf for teaching station
- Room shall be a minimum of 800 sf

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard movable chairs

### **Teaching Stations**

- Movable desk with chair
- Small movable lectern

### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

## **Part 2 Physical Environment**

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### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns

## **Areas of Special Requirement**

### **Allied Health**

#### **Respiratory Care - Vocational Classroom/Lab**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

#### **Lighting**

- 70fc required for general lighting
- 20fc required for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

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#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Room shall have an electronically operated projection screen
- There shall be 16 linear feet of marker board
- There shall be 8 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

#### **Special Features**

- Room shall have multiple storage cabinets and drawers
- Room shall have multiple lines for oxygen, compressed air and vacuum units
- Room shall have the required safety equipment

#### **Notes**

- Room could double as the Vocational Classroom/Lab space for the Med Lab, Radiology, Occupational Therapy, Radiology, and Health as each has the same basic requirements. Create multiple storage units off the main teaching space for each field/department to store needed equipment unique to their courses.

# **Areas of Special Requirement**

## **Allied Health**

### **Respiratory Care – Storage Prep Area**

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## **Part 1 General Requirements**

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### **Capacity & Size**

- Room shall be a minimum of 450 sf

### **Seating**

- Not applicable

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Doors shall have a vision light
- Room shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- Room shall have no interior columns

### **Acoustics**

- Not applicable

### **Lighting**

- 70fc required for general lighting
- Task lighting as required
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Areas of Special Requirement**

### **Allied Health**

#### **Respiratory Care – Storage Prep Area**

---

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Not applicable

#### **Instructional Aides & Equipment**

- There shall be 4 linear feet of tackable space

#### **Special Features**

- There shall have a minimum of (2) instructional carts
- The room shall have a minimum of (2) sink areas
- The room shall have glassware storage cabinets
- The room shall have multiple storage cabinets with drawers and shelves
- The room shall have multiple grounded outlets

#### **Notes**

- The Respiratory Care Technology Storage Prep Area shall be located directly adjacent to the Vocational Classroom/Lab

# **Areas of Special Requirement**

## **Allied Health**

Med Lab or Health Lab– Vocational Classroom

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### **Part 1 General Requirements**

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#### **Capacity & Size**

- 50 sf per student
- 100 sf for teaching station
- Room shall be a minimum of 800 sf

#### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard movable chairs

#### **Teaching Stations**

- Movable desk with chair
- Small movable lectern

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

#### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns

## **Areas of Special Requirement**

### **Allied Health**

#### **Med Lab or Health Lab– Vocational Classroom**

---

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

### **Lighting**

- 70fc required for general lighting
- 20fc required for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Room shall have an electronically operated projection screen
- There shall be 16 linear feet of marker board
- There shall be 8 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

### **Special Features**

- Room shall have a fire extinguisher
- Room shall have multiple storage cabinets
- Room shall have the required safety equipment/kits

### **Notes**

- Room could double as the Vocational Classroom/Lab space for Respiratory Care, Radiology, Occupational Therapy, Radiology, and Health as each has the same basic requirements. Create multiple storage units off the main teaching space for each field/department to store needed equipment unique to their courses.

# **Areas of Special Requirement**

## **Allied Health**

### **Radiology – Vocational Classroom**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 50 sf per student
- 100 sf for teaching station
- Room shall be a minimum of 800 sf

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard movable chairs

### **Teaching Stations**

- Movable desk with chair
- Small movable lectern

### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns

## **Areas of Special Requirement**

### **Allied Health**

#### **Radiology – Vocational Classroom**

---

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

#### **Lighting**

- 70fc required for general lighting
- 20fc required for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- Room shall have an electronically operated projection screen
- There shall be 16 linear feet of marker board
- There shall be 8 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

#### **Special Features**

- Room shall have a fire extinguisher
- Room shall have multiple storage cabinets
- Room shall have the required safety equipment/kits

#### **Notes**

- Room could double as the Vocational Classroom/Lab space for Respiratory Care, Med Lab, Occupational Therapy, Radiology, and Health as each has the same basic requirements. Create multiple storage units off the main teaching space for each field/department to store needed equipment unique to their courses.

# Areas of Special Requirement

## Allied Health

### Radiology –Storage Prep Area

---

## Part 1 General Requirements

---

### Capacity & Size

- Room shall be a minimum of 350 sf

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- A few movable stools required

### Teaching Stations

- Not applicable

### Room Entry

- Doors shall have a vision light
- Room shall have card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall be acoustical tile

### Site Lines

- Room shall have no interior columns

### Acoustics

- Not applicable

### Lighting

- 70fc required for general lighting
- Task lighting as required

## **Areas of Special Requirement**

### **Allied Health**

#### **Radiology – Storage Prep Area**

---

- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Not applicable

### **Instructional Aides & Equipment**

- There shall be 4 linear feet of tackable space

### **Special Features**

- There shall be a hazardous materials cabinet
- The room shall have a eye wash/safety station
- The room shall have built-in cabinets and shelves
- There shall have a minimum of (2) instructional carts
- The room shall have a minimum of (2) sink areas
- The room shall have a lockable chemical storage cabinet
- The room shall have multiple storage cabinets with drawers and shelves
- The room shall have multiple grounded outlets

### **Notes**

- The Radiology Storage Prep Area shall be located directly adjacent to the Vocational Classroom/Lab

# Areas of Special Requirement

## Allied Health

### Radiology – Dry Lab

---

## Part 1 General Requirements

---

### Capacity & Size

- 50 sf per Student
- 100 sf. for teaching station
- There shall be approximately four dry labs determined by the types of chemicals used

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables with standard movable chairs
- Or it may be determined to use fixed desks with services
- Movable laboratory stools

### Teaching Stations

- Fixed desk with services
- Movable laboratory stools

### Room Entry

- Doors shall have a vision light
- Doors shall require card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling
- Instructor area shall be along the narrow wall

### Ceiling

- Ceiling shall be acoustical tile

## **Areas of Special Requirement**

### **Allied Health**

#### **Radiology – Dry Lab**

---

#### **Site Lines**

- View of the teaching/lecture areas from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns

#### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

#### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electrically operated projection screen

#### **Special Features**

- This room shall have a special transformer (?)
- The room shall have step-up and step-down for electrical considerations

## **Areas of Special Requirement**

### **Allied Health**

#### **Radiology – Dry Lab**

---

- The room shall have an area for Digital Radiography
- The room shall have an area for Computerized Radiology
- These 4 rooms shall be exposure rooms (energized x-ray labs)

## **Areas of Special Requirement**

### **Allied Health**

#### **Radiology – Dry Lab Storage Prep Area**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- Minimum room size of 350 sf
- There shall be as many Dry Lab Storage Prep Areas as there are Dry Labs to prevent contamination

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- A few movable stools may be required

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Doors shall have a vision light
- Rooms shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be acoustical tile

### **Site Lines**

- Room shall have no interior columns

### **Acoustics**

- Not applicable

## **Areas of Special Requirement**

### **Allied Health**

#### **Radiology – Dry Lab Storage Prep Area**

---

#### **Lighting**

- 100fc required for general lighting (?)
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

### **Part 3 Technology & Instructional Aides**

---

#### **Technology**

- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (1) voice port (telephone)/data port

#### **Instructional Aides & Equipment**

- There shall be 4 linear feet of marker board
- There shall be 4 linear feet of tackable surface
- Room shall have a minimum of (1) wall mounted pencil sharpener

#### **Special Features**

- There shall be a hazardous materials cabinet
- The room shall have a lockable chemical storage cabinet
- There shall be a fume hood
- The room shall have an eye wash/safety shower
- The room shall have a minimum of (2) instructional carts
- There shall be a minimum of (2) stainless steel sinks
- There shall be multiple lockable storage cabinets for glassware
- The room shall have a sufficient number of grounded outlets 220v 3-prong to support heavy equipment
- The room shall have lines for distilled water and gas
- The room shall have a pipet washer for lab glassware
- The room shall have a dishwasher with a sterilizer
- The room shall have a microbiological incubator
- The room shall have multiple fire extinguishers

# **Areas of Special Requirement**

## **Allied Health**

Occupational Therapy – Vocational Classroom/Dry Lab

---

### **Part 1 General Requirements**

---

#### **Capacity & Size**

- 50 sf per student
- 100 sf for teaching station
- Room shall be a minimum of 800 sf

#### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard movable chairs

#### **Teaching Stations**

- Movable desk with chair
- Small movable lectern

#### **Room Entry**

- Doors shall have a vision light
- Doors shall have card reader access

### **Part 2 Physical Environment**

---

#### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

#### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

#### **Ceiling**

- Ceiling shall be acoustical tile

#### **Site Lines**

- View of the teaching/lecture area from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns

## **Areas of Special Requirement**

### **Allied Health**

#### **Occupational Therapy – Vocational Classroom/Dry Lab**

---

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

### **Lighting**

- 70fc required for general lighting
- 20fc required for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the teaching station
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- Room shall have an electronically operated projection screen
- There shall be 20 linear feet of marker board
- There shall be 8 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

### **Special Features**

- Room shall have a fire extinguisher
- Room shall have multiple storage cabinets
- Room shall have the required safety equipment/kits
- There shall be a minimum of (2) electrical outlets of 210v on each wall

## **Areas of Special Requirement**

### **Allied Health**

#### **Occupational Therapy – Vocational Classroom/Dry Lab**

---

### **Notes**

- Room could double as the Vocational Classroom/Lab space for Respiratory Care, Med Lab, Med Lab, Radiology, and Health as each has the same basic requirements. Create multiple storage units off the main teaching space for each field/department to store needed equipment unique to their courses.

# **Areas of Special Requirement**

## **Allied Health**

### **Occupational Therapy – Storage Prep Area**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- The room shall be approximately 400sf
- Or a 20'-0" x 20'-0" room

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- A few movable stools may be required

### **Teaching Stations**

- Not applicable

### **Room Entry**

- Doors shall have a vision light
- Room shall have card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be epoxy coated acoustical tile

### **Site Lines**

- Room shall have no interior columns

### **Acoustics**

- The room shall be sound proof (?)

### **Lighting**

- 70fc required for general lighting

## **Areas of Special Requirement**

### **Allied Health**

#### **Occupational Therapy – Storage Prep Area**

---

- Lighting controls shall be located in close proximity to the door
- Task lighting shall be provided as required
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a minimum of (2) data LAN port
- Room shall have a minimum of (1) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- There shall be 8 linear feet of marker board
- There shall be 4 linear feet of tackable space
- There shall be one wall mounted pencil sharpener

### **Special Features**

- The room shall have appropriate safety equipment as required by code
- There shall be a hazardous materials cabinet
- The room shall have a minimum of (2) instructional carts
- There shall be a minimum of (1) utility size sink with plaster traps

### **Notes**

- This room shall be directly accessible from the Occupational Therapy Vocational Classroom/Lab and the Occupational Therapy Wet Lab space
- One large prep area can be shared for both spaces as long as both are directly accessible to the storage prep space

# **Areas of Special Requirement**

## **Allied Health**

### **Occupational Therapy – Wet Lab**

---

## **Part 1 General Requirements**

---

### **Capacity & Size**

- 100sf per student
- 100sf. For teaching station

### **Seating**

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- Movable tables and standard chairs

### **Teaching Stations**

- Standard movable desk and chair
- Small movable lectern

### **Room Entry**

- Doors shall have a vision light
- Doors shall require card reader access

## **Part 2 Physical Environment**

---

### **Flooring**

- Flooring shall be Vinyl Composite Tiles (VCT)

### **Walls**

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### **Ceiling**

- Ceiling shall be epoxy coated acoustical tile

### **Site Lines**

- View of the teaching/lecture areas from the seating area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed
- Room shall have no interior columns

## **Areas of Special Requirement**

### **Allied Health**

#### **Occupational Therapy – Wet Lab**

---

### **Acoustics**

- Sound shall not intrude from adjacent spaces
- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Task lighting shall be provided as required
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- There shall be 20 linear feet of marker board
- There shall be 4 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electrically operated projection screen

### **Special Features**

- The room shall have a working kitchen with the appropriate outlets for a refrigerator, electric stove and dishwasher
- The room should have the appropriate outlets needed to support a dishwasher, electric stove and refrigerator in the kitchen area
- The kitchen area shall have built in cabinets above and built in drawers and cabinets below
- The kitchen shall have a strip electrical outlet above the countertop work surface

## Areas of Special Requirement

### Allied Health

#### Occupational Therapy – Wet Lab

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- There will be hot and cold water lines needed in the kitchen area and for the utility sink
- The room shall have a non-plumbed restroom with a bathtub and a commode
- There shall be **NO ADA adaptations** in the kitchen or the restroom
- There shall be a hazardous materials cabinet
- The room shall have wall mounted mat tables
- The room shall have built-in top and bottom wall cabinets with lack
- The room will have electrical outlets along the walls at 4'-0" intervals at a distance of 3'-0" from the ground plane
- The room shall have a built-in vent-a-hood

# Areas of Special Requirement

## Allied Health

### Special Procedures – Wet Lab

---

## Part 1 General Requirements

---

### Capacity & Size

- 50 sf per student
- 400 sf. for teaching station
- Room shall mainly serve as a demonstration space set up to accommodate four hospital beds

### Seating

- Seating shall comply with the Americans with Disabilities Act, and all applicable current codes
- A few movable laboratory stools

### Teaching Stations

- Large open demonstration area

### Room Entry

- Doors shall have a vision light
- Doors shall require card reader access

## Part 2 Physical Environment

---

### Flooring

- Flooring shall be Vinyl Composite Tiles (VCT)

### Walls

- Wall material shall minimize sound transmission
- Walls shall extend to the floor above or to the roof construction
- Walls shall not stop at the ceiling

### Ceiling

- Ceiling shall be epoxy coated acoustical tile

### Site Lines

- View of the teaching/demonstration area from the observation area shall not be obstructed
- View of the projection screen from the seating area shall not be obstructed

### Acoustics

- Sound shall not intrude from adjacent spaces

## **Areas of Special Requirement**

### **Allied Health**

#### **Special Procedures – Wet Lab**

---

- Speech shall be intelligible without amplification
- There shall be no excessive equipment or air flow noise
- Room shall not share common walls with restrooms, mechanical equipment rooms, loading docks, mailrooms, reception areas, and other similar noise production areas

### **Lighting**

- 70fc required for general lighting
- 20fc for projection of note taking
- Lighting shall have multiple switches or settings to allow for viewing needs
- Lighting controls shall be located in close proximity to the door
- Lighting shall have motion sensors

## **Part 3 Technology & Instructional Aides**

---

### **Technology**

- Room shall have a mounted projector
- Room shall have a minimum of (4) data LAN port
- Room shall have a minimum of (2) voice port (telephone)/data port

### **Instructional Aides & Equipment**

- There shall be 16 linear feet of marker board
- There shall be 4 linear feet of tackable space
- Room shall have a minimum of (1) wall mounted pencil sharpener
- Room shall have an electrically operated projection screen

### **Special Features**

- The room shall be appropriately laid out to accommodate 4 electric hospital beds, monitors and pulmonary function machines
- The room shall have a minimum of two sink areas
- The room shall have multiple storage cabinets, drawers and countertop areas
- There shall be 4 outlet/lines for oxygen, compressed air and vacuum outlets to correspond to the hospital bed and monitor layout
- The room shall also have wall-mounted pressure cycled ventilators

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