

DESIGN CONSIDERATIONS

The following design considerations were discussed during the programming meetings with the interviewees listed at the bottom of this page.

General

- Computer labs are used as computer classrooms
- Marker boards only (no chalk)
- Labs and classrooms do not need to be located adjacent to one another
- Offices are desired to be in close proximity to classrooms

Study Room

- Functions as a small conference room with A/V capabilities
- Locate near faculty offices

Technician Office

- (2) Technicians with different work shifts
- Locate adjacent to Preparation Area.




Also discussed during this meeting were the Laboratories. Programming requirements for these spaces will be provided by Xnth.

1st Round Attendees/ Interviewees(05.16.08):

Paul Schroeder (A|DWRB), Randy Dolph (A|DWRB), Donald Barrie (Mesa- Physical Sciences), Michael Crivello (Mesa- Physical Sciences), Michael Lewis (Mesa- Physical Sciences), Gerald Schad (Mesa- Physical Sciences), Frank Ingrande (X-nth), Edgar Hinojosa (Gafcon/SDCCD)

2nd Round Attendees/ Interviewees(05.16.08):

Paul Schroeder (A|DWRB), Randy Dolph (A|DWRB), Donald Barrie (Mesa- Physical Sciences), Michael Lewis (Mesa- Physical Sciences), Gerald Schad (Mesa- Physical Sciences), Frank Ingrande (X-nth), Ned Michalovski (X-nth), Edgar Hinojosa (Gafcon/SDCCD), Steven Siegel (Mesa- Physical Sciences)

	San Diego Community College District - Mesa College		
	MATHEMATICS & NATURAL SCIENCES BUILDING		
Project No.: 08122		DATE ISSUED: 07.03.08	
 Architects Delawie Wilkes Rodrigues Barker	DESIGN CONSIDERATIONS		
	DEPARTMENT: PHYSICAL SCIENCES		



General

Department: **Physical Sciences** Interviewee: Date: **07.03.08**
 Room Name: **Standard Classroom** Room Access: No. of Occupants: **60**
 Approx. Net Area: **1519 s.f.** Room Dimensions: Ceiling Height: **10'-12'**

Finishes

Floors: Walls: **Gypsum board, ptd.** Ceiling: **Lay-in**
 Base: **Vinyl** Chair Rail: Wainscot:

Doors

Single **min. 2** Vision Panel Transom
 Double Side Lite Key Access
 Card Reader Remote Lock/Unlock

Windows

Exterior **Or** Shades/ Black-out
 Corridor Blinds

Casework

Wood Plastic Laminate Solid Surface

Special Requirements

Acoustical Treatment Whiteboard Bulletin Board:
 Video Conferencing CCTV: Projection Screen:
 Other:

Mechanical & Plumbing Requirements

Sink Type: Instant Hot Water Eye Wash
 Shower Hot/Cold Compressed Air

Equipment

Refrigerator Microwave Dishwasher
 Coffee Maker

Electrical Requirements

Lighting: Power Controls: Wireless Phone
Built-in at fixed tables or in flush floor boxes Data
Built-in at fixed tables or in flush floor boxes

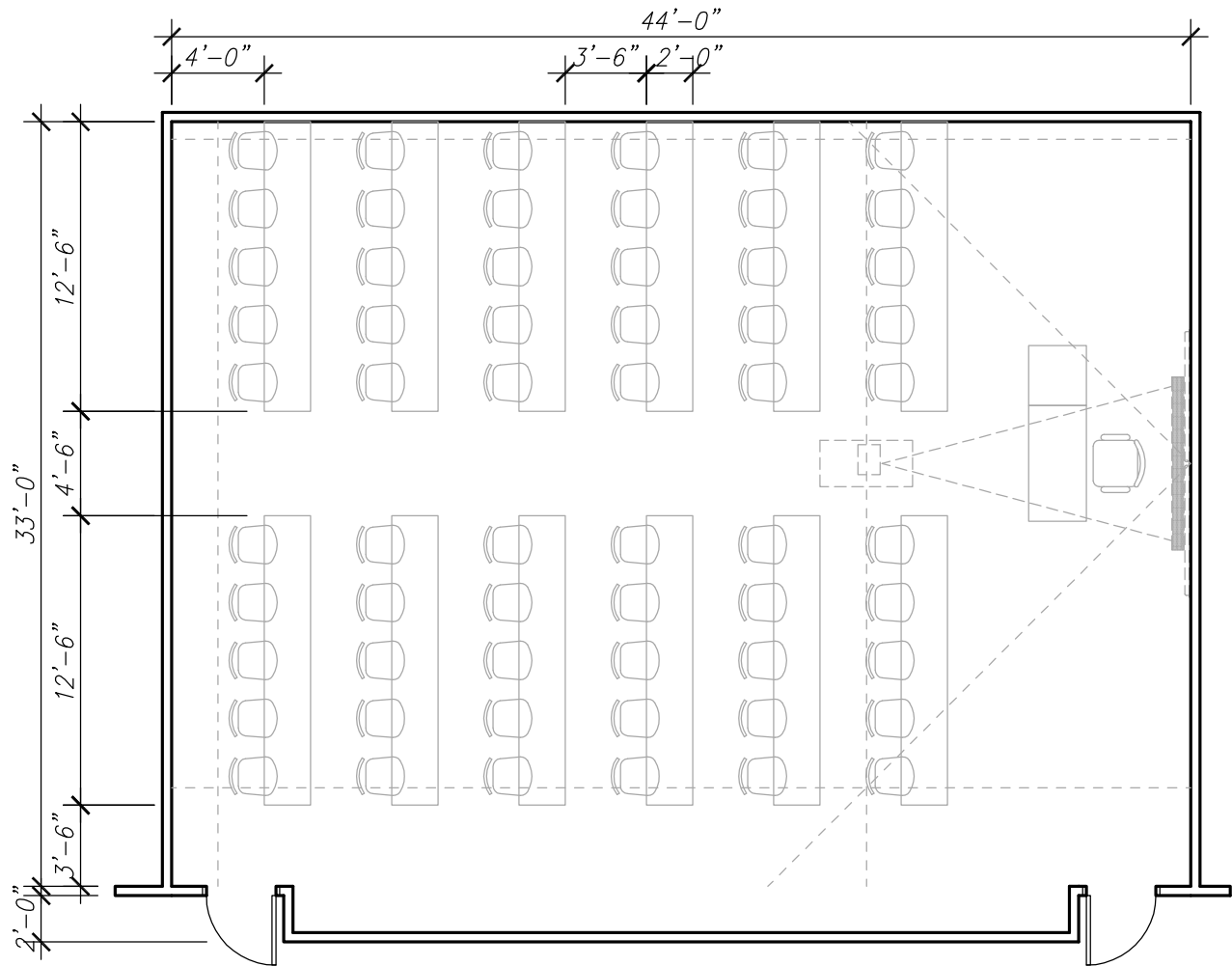
Adjacency

Adjacent: **Prep Room (Geology)** Near: Far:

Notes




Movable tables and chairs
Single student assignment
Demo desk





STANDARD
CLASSROOM

1,519 SF
44'-0" x 33'-0"

	San Diego Community College District - Mesa College MATHEMATICS & NATURAL SCIENCES BUILDING 	
	Project No.: 08122	SCALE: 1/8" = 1'-0"
 Architects Delawie Wilkes Rodrigues Barker	DEPARTMENT: PHYSICAL SCIENCES	
	ROOM NAME: STANDARD CLASSROOM	
	NET AREA: 1519 S.F.	No. OF OCCUPANTS: 60



General

Department: **Physical Sciences** Interviewee: Date: **07.03.08**
 Room Name: **Computer Lab** Room Access: No. of Occupants: **32**
 Approx. Net Area: **1102 s.f.** Room Dimensions: Ceiling Height: **10'**

Finishes

Floors: Walls: **Gypsum board, ptd.** Ceiling: **Lay-in**
 Base: **Vinyl** Chair Rail: Wainscot:

Doors

Single **min. 2** Vision Panel Transom
 Double Side Lite Key Access
 Card Reader Remote Lock/Unlock

Windows

Exterior **Or** Shades/ Black-out
 Corridor Blinds

Casework

Wood Plastic Laminate Solid Surface
 Other **Fixed tables**

Special Requirements

Acoustical Treatment Whiteboard Bulletin Board:
 Video Conferencing CCTV: Projection Screen:
 Other:

Mechanical & Plumbing Requirements

Sink Type: Instant Hot Water Eye Wash
 Shower Hot/Cold Compressed Air

Equipment

Refrigerator Microwave Dishwasher
 Coffee Maker

Electrical Requirements

Lighting: Controls:
 Power Wireless Phone
Built-in at tables Data
Built-in at tables

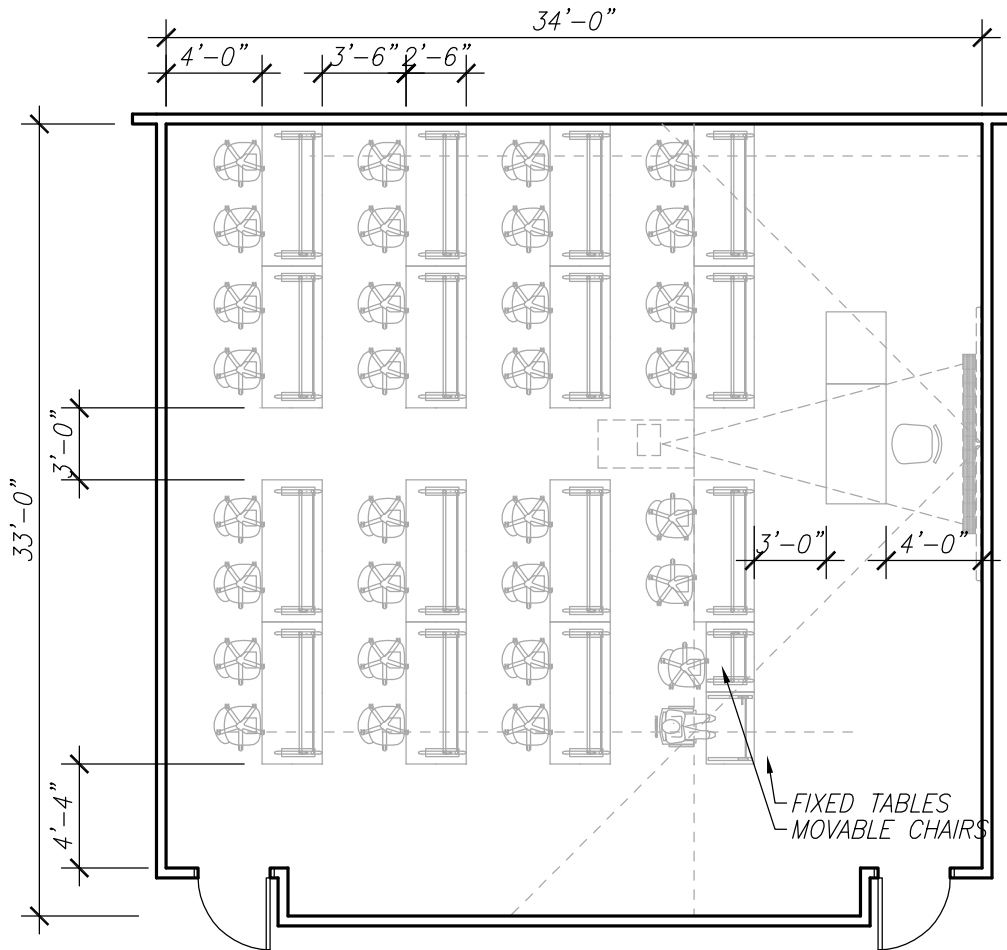
Adjacency

Adjacent: Near: Far:
 Other:

Notes




Computer labs are used as computer classrooms
No laptop use
Include workspace adjacent to computer
No adjacent server room
All PC
Marker board only (No chalk)





COMPUTER
CLASSROOM

1,102 SF
34'-0" x 33'-0"

	San Diego Community College District - Mesa College MATHEMATICS & NATURAL SCIENCES BUILDING 		
	Project No.: 08122	SCALE: 1/8" = 1'-0"	DATE ISSUED: 07.03.08
 Architects Delawie Wilkes Rodrigues Barker	DEPARTMENT: PHYSICAL SCIENCES		
	ROOM NAME: COMPUTER LAB		
	NET AREA: 1102 S.F.	No. OF OCCUPANTS: 32	



General

Department: **Physical Sciences** Interviewee: Date: **07.03.08**
 Room Name: **Technician Office** Room Access: No. of Occupants: **2**
 Approx. Net Area: **102-110 s.f.** Room Dimensions: Ceiling Height: **9'-10'**

Finishes

Floors: Walls: Ceiling:
 Base: Chair Rail: Wainscot:

Doors

Single **Lockable** Vision Panel Transom
 Double Side Lite Key Access
 Card Reader Remote Lock/Unlock

Windows

Exterior Shades/ Black-out
 Corridor Blinds

Casework

Wood Plastic Laminate Solid Surface
 Other **work bench**

Special Requirements

Acoustical Treatment Whiteboard Bulletin Board:
 Video Conferencing CCTV: Projection Screen:
 Other:

Mechanical & Plumbing Requirements

Sink Type: Instant Hot Water Eye Wash
 Shower Hot/Cold Compressed Air

Equipment

Refrigerator Microwave Dishwasher
 Coffee Maker

Electrical Requirements

Lighting: Controls:
 Power Wireless Phone
 Data

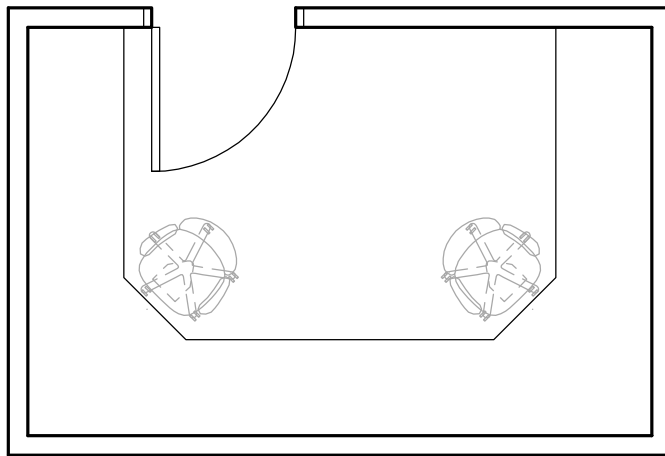
Adjacency

Adjacent: Near: Far:
 Other:

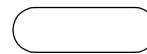
Notes

Work bench, not desks
(2) Technicians/ different shifts
Protected equipment

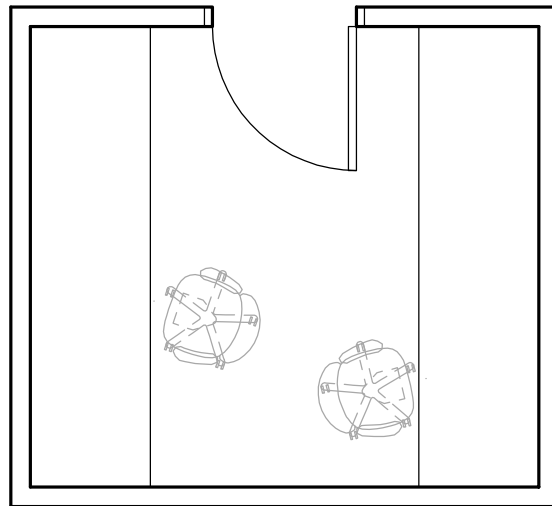




TECHNICIAN
OFFICE



110 SF
13'-0" x 8'-6"



TECHNICIAN
OFFICE



102 SF
10'-7" x 9'-7"



San Diego Community College District - Mesa College
MATHEMATICS & NATURAL SCIENCES BUILDING



Project No.: 08122

SCALE: 1/4" = 1'-0"

DATE ISSUED: 07.03.08



Architects | Delawie Wilkes Rodrigues Barker

DEPARTMENT: PHYSICAL SCIENCES

ROOM NAME: TECHNICIAN'S OFFICE

NET AREA: 102-110 S.F.

No. OF OCCUPANTS: 2