

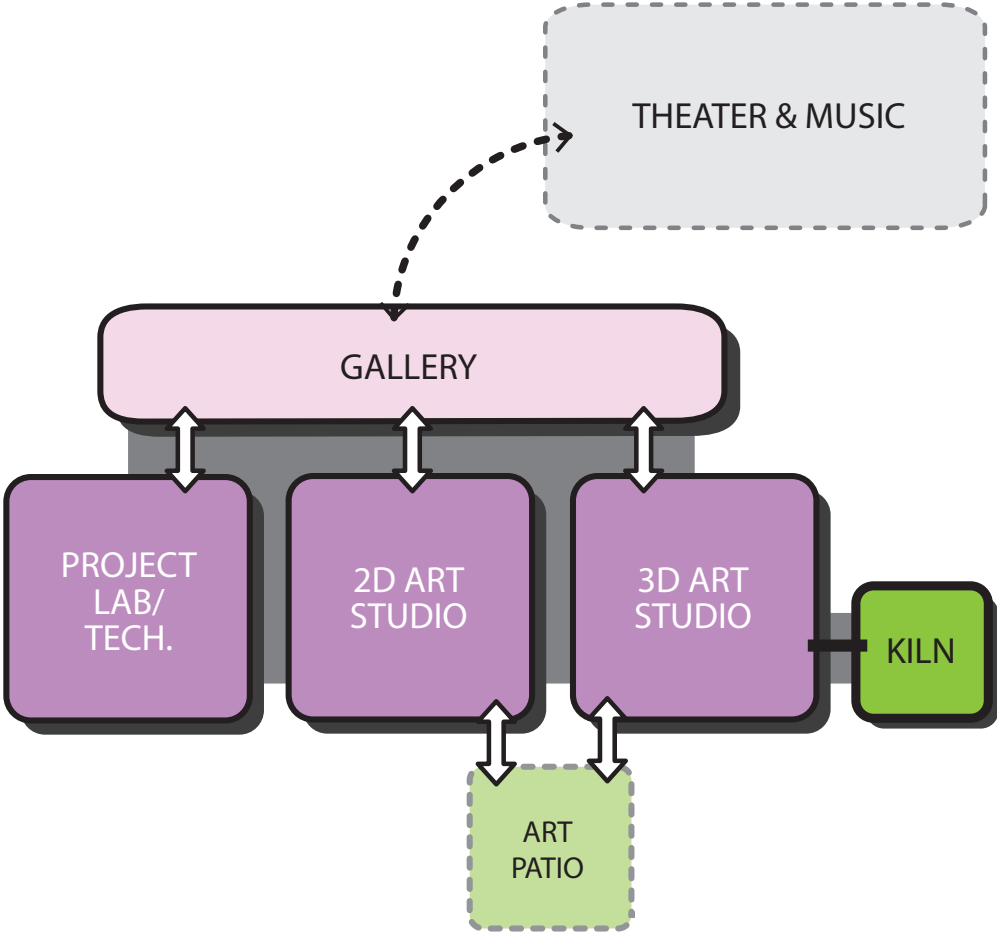
HIGH SCHOOL EDUCATIONAL SPECIFICATIONS

COMPONENT:

ART



ADJACENCY DIAGRAM



ROOM TYPE:

PROJECT LAB / TECHNOLOGY

SIZE: 1200 sf

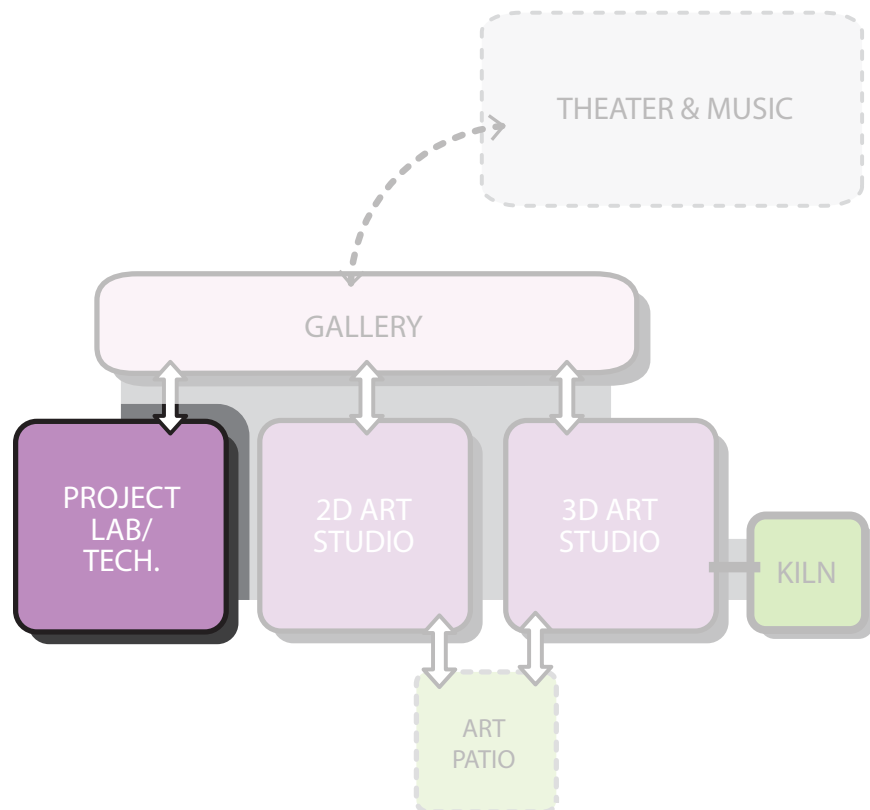
OCCUPANTS: 1 instructor, 29 students

ACTIVITIES AND USES

Individual, small and large group computer supported technology, art instruction, and exploration of graphics design and computer aided design.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile
- Ceiling height: 10'-0" min.
- Wall material: painted gypsum board
- One wall tackable surface
- Floor material: carpet tile
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,"
 - Part 1: Permanent Schools
- Min. 50 STC rating between lab and adjacent instructional spaces

DOORS / WINDOWS

- Door with view panel
- Energy efficient windows with blinds
- Glare reduction as needed

FURNITURE / EQUIPMENT/ MILLWORK

- (1) Mobile instructor workstation
- (29) Flexible student workstations with computers
- (1) 80" TV monitor display
- Medium and large format printers
- 3D printer
- Technology console
- Base cabinets with adjustable shelving and work surface
- Tall cabinet storage (with locks)
- Secured display case for student work
- Markerboard: (2) 4' x 12' or marker wall
- Tackboard: (2) 4' x 4'
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of area within flexible range set by district's EMS system
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- N/A

ELECTRICAL / LIGHTING

- Wall and floor outlets for various instructor and student workstations and arrangements
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines
- Ability to dim room in response to video projection and glare control

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Hardwired video outlet to permit taping of in-room activities, transmitting to on-campus locations, and receiving video transmission from on-campus distribution system at TV monitor display
- Local area network connectivity for instructor workstation and student workstations
- Wireless access capable for most computer communications/applications

ROOM TYPE:

2D ART STUDIO

SIZE: 1400 sf

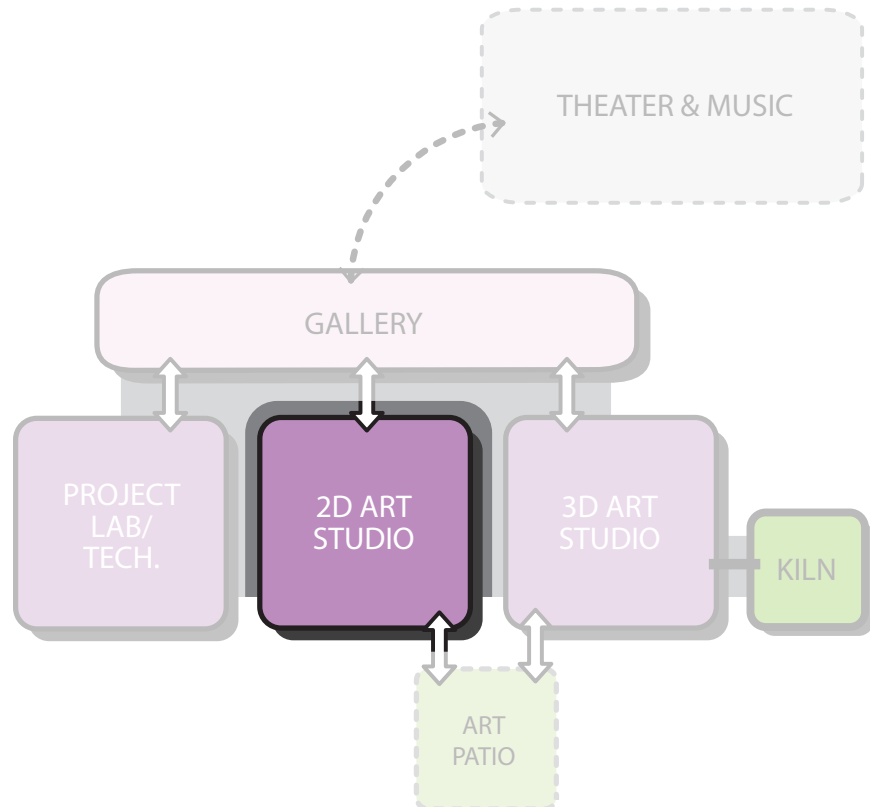
OCCUPANTS: 1 instructor, 29 students

ACTIVITIES AND USES

The 2D Art Studio serves as an explorative space intended for individual, small and large group art instruction and lecture via demonstration of studio projects utilizing a large variety of 2D and 3D materials. Consideration should be given towards both instruction and display, as well as connectivity to adjacent art studio spaces.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: exposed structure for hanging work
- Ceiling height: 10'-0" min.
- Wall material: painted gypsum board
- One wall tackable surface
- Floor material: sealed concrete or vinyl composite tile
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,"

DOORS / WINDOWS

- Door with view panel
- Energy efficient windows with blinds
- Skylights acceptable

FURNITURE / EQUIPMENT/ MILLWORK

- (1) Mobile instructor workstation
- Min. 3.5' x 5' instructor demonstration table
- (8) 3.5' x 5' work tables with (4) student chairs
- Paper cutter
- 2' x 2' x 10" paper drying racks
- (24) Easels
- (1) 80" TV monitor display
- Technology console
- Markerboard: (2) 4' x 12' or marker wall

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of area within flexible range set by district's EMS system
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required
- Room exhaust for spraying paint / spray booth

PLUMBING

- (4) Stainless steel sinks with traps
- Floor drains with traps
- Exterior sink at art patio

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines
- Ability to dim room in response to video projection
- Track / spot lighting for still life / shadow study, etc.

- Part 1: Permanent Schools
- Min. 45 STC rating between lab and adjacent instructional spaces
- Circular track lighting near center of room preferred
- Ability to join adjacent art rooms
- Aesthetic: room as teaching tool, ie. textures, patterns, etc.

- Large windows to exterior - natural light (north light preferred)
- Roll-up door to the outside
- Flex / movable wall between adjacent art rooms

- Tackboard: (2) 4' x 4'
- Clock
- Perimeter base cabinets with adjustable shelving, work surface, counter top sink
- Flat file storage with full extension drawers up to 30" x 42"
- Tall wall cabinet storage (with locks)
- Vertical storage for drawing boards, canvas, and matte board up to 48"

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Hardwired video outlet to permit taping of in-room activities, transmitting to on-campus locations, and receiving video transmission from on-campus distribution system at TV monitor display
- Local area network connectivity for instructor workstation and student workstations
- Wireless access capable for most computer communications/applications

ROOM TYPE:

3D ART STUDIO

SIZE: 1600 sf

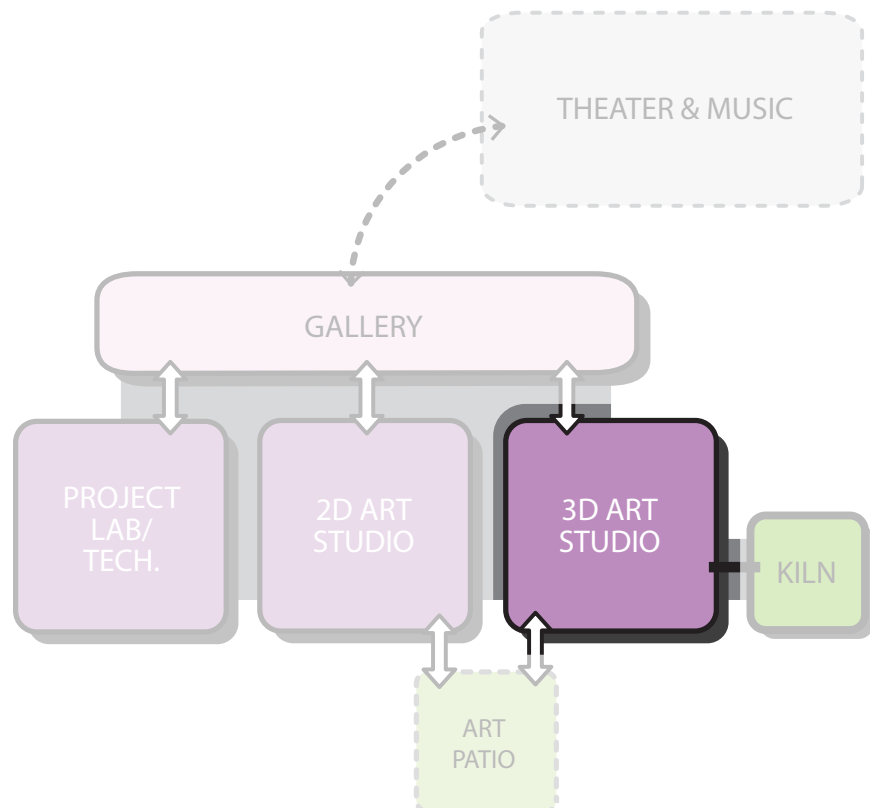
OCCUPANTS: 1 instructor, 29 students

ACTIVITIES AND USES

The 3D Art Studio provides space for individual, small and large group art instruction and exploration to include various ceramics, sculpture, hand building and wheel throwing, glazing and firing demonstrations, clay processing, lectures, text studies, design, and testing.

SUPPORT SPACES

- Kiln room or outdoor patio: 120 sf



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile
- Ceiling height: 10'-0" min.
- Wall material: painted gypsum board
- One wall tackable surface
- Floor material: sealed concrete
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,"
 - Part 1: Permanent Schools
- Min. 45 STC rating between lab and adjacent instructional spaces
- Ability to join adjacent art rooms
- Aesthetic: room as teaching tool, ie. textures, patterns, etc.

DOORS / WINDOWS

- Door with view panel
- Energy efficient windows with blinds
- Skylights acceptable
- Large windows to exterior - natural light (north light preferred)
- Roll-up door to the outside
- Flex / movable wall between adjacent art rooms

FURNITURE / EQUIPMENT/ MILLWORK

- (1) Mobile instructor workstation
- (2-4) Student workstations
- (6-8) 4' x 8' student workbenches (34" tall) with stools and locker storage
- (20) Pottery wheels
- Secured display case for student work
- (1) 80" TV monitor display
- Technology console
- Perimeter base cabinets with adjustable shelving, work surface, counter top sinks, and wall cabinets above
- Tall wall cabinet storage (with locks)
- Markerboard: (2) 4' x 12' or marker wall
- Tackboard: (2) 4' x 4'
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of area within flexible range set by district's EMS system
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required
- Room exhaust for kiln and spray booth
- Compressed air and natural gas connection for gas kiln

PLUMBING

- (4) Stainless steel sinks with traps
- Floor drains with traps
- Exterior sink at art patio

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines
- Ability to dim room in response to video projection

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Hardwired video outlet to permit taping of in-room activities, transmitting to on-campus locations, and receiving video transmission from on-campus distribution system at TV monitor display
- Local area network connectivity
- Wireless access capable for most computer communications/applications

ROOM TYPE:

GALLERY

SIZE: 1000 sf

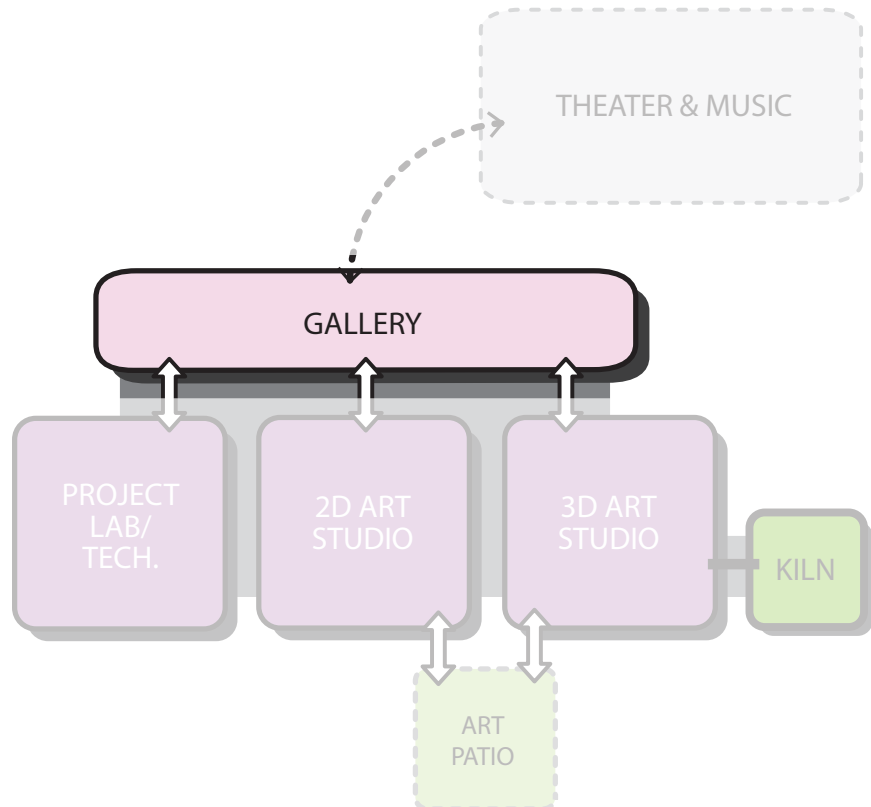
OCCUPANTS: Varies

ACTIVITIES AND USES

Reception and display space for 2D and 3D student art shows.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: exposed structure painted black with unistrut grid for lighting track
- Ceiling height: 12'-0" min.
- Wall material: painted white gypsum board
- Floor material: sealed concrete or vinyl composite tile
- Aesthetic: neutral, white for art display
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,"
 - Part 1: Permanent Schools

DOORS / WINDOWS

- Door with view panel
- Energy efficient windows with blinds
- Skylights acceptable

FURNITURE / EQUIPMENT/ MILLWORK

- Mobile / flexible wall system for various interior configurations
- Large freestanding secured display case
- Secured wall display case
- (1) 80" TV monitor display
- Flexible casual gallery seating
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of area within flexible range set by district's EMS system
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- N/A

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Flexible ceiling routed electrical service for drop-down power at various locations throughout room
- Independent general room lighting
- Zoned control lighting grid
- Ability to dim room in response to video projection
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Hardwired video outlet to permit taping of in-room activities, transmitting to on-campus locations, and receiving video transmission from on-campus distribution system at TV monitor display
- Local area network connectivity
- Wireless access capable for most computer communications/applications