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1. Building Core
 - a. Accessibility
 - i. Location: It is ideal to locate classrooms with universal access in mind. Locate classrooms on main grade levels and/or adjacent to accessible routes.
 - ii. Circulation: Paths of circulation should accommodate the volume of students expected at class changes.
 - b. Wayfinding
 - i. Building: A comprehensive approach for locating the classrooms from all main entry points and vertical circulation points should be provided.
 - ii. Refer to GT graphics and signage standards.
 - c. Support Space and Amenities
 - i. Restrooms: Locate classrooms close to restrooms for ease of access.
 - ii. Vending: If possible locate close to classrooms for ease of access.
 - iii. Waiting and Break Out: Where possible it is desirable to provide ample waiting and break out space for students including areas for seating and ample power for charging of devices. All waiting and break out areas shall provide free and clear egress routes as required.
 - iv. Waste and Recycling: A comprehensive approach for locating waste and recycling receptacles in an integrated manner convenient to the movement of students should be provided.
2. Classroom Composition
 - a. Systems
 - i. Mechanical: Refer to GT Yellow Book for performance standards.
 1. The system shall be designed to accommodate the occupancy load planned.
 2. Consideration for acoustical interference from running equipment or routing of ducts should be provided.
 3. Supply diffusers shall not be located adjacent to projectors or projection screens to minimize effect of blowing air on the equipment.
 4. Controls and high maintenance items should not be located with classrooms. These items should be located outside of classrooms for ease of access.
 - ii. Electrical: Refer to GT Yellow Book for performance standards.
 1. The system shall be designed to accommodate the occupancy load planned.
 2. Fixed Furniture Distributed: Provide 1 outlet per seat.
 - iii. Plumbing: Not Applicable.
 - iv. Lighting: Refer to GT Yellow Book for performance standards.
 1. Control: Provide AV integrated or wall switches
 2. Zoning: Provide a minimum of 3 separately switched zones with additional zones as required
 - a. Zone 1: General classroom
 - b. Zone 2: Instructor's area
 - c. Zone 3: Writing Board Wall wash
 3. Occupancy Sensors: Provide
 - v. Networking: Refer to GT Low-Voltage Standards for requirements.
 - vi. Audio Visual: Refer to GT Low-Voltage Standards for requirements.
 - b. Architecture
 - i. Floors: Refer to GT Yellow Book for performance standards.
 1. Flat: Concrete slab construction

2. Tiers: Framed or raised access floor construction on concrete slab. No formed concrete slab tiers without approval.
 3. Finish:
 - a. Carpet: Tile is preferred
 - b. Rubber: Tile is preferred
 - c. Polished Concrete: Hardener and densifier with manufacturer recommended finish. Provide appropriate staining where designed. Transitions and Nosing: Shall be mechanically fastened.
- ii. Walls: Refer to GT Yellow Book for performance standards.
1. Walls shall extend from floor to underside to structure above to minimize sound transmission.
 2. Walls shall be constructed of durable impact resistant materials.
 3. Provide GT standard stainless steel chair rail full perimeter of room at height appropriate to specified furniture.
 4. Provide wall protection on outside corners as required.
 5. Finish:
 - a. Paint: Eggshell finish.
 - b. Wall base: Resilient 4" cover base.
 - c. Acoustical Panels:
 - i. Pre Manufactured
 - ii. Stretch In System or Recessed with Perforated Overlay
 - iii. Finish:
 1. Painted: Durable finish coat.
 2. Wood Veneer: Durable finish coat.
 3. Fabric:
 - a. Cleanable, durable and meets recommended acoustical transference for desired performance.
- iii. Doors: Refer to GT Yellow Book for performance standards.
1. Provide quantity and width as required by building code based on occupancy
 2. Door Vision Panels: Confirm requirements on a per project basis.
 3. Locate doors so that they may swing out of room rather than into it.
 4. Provide card access control meeting GT standard for all doors.
 5. Finish: Factory finish is preferred. Field finish where required.
- iv. Windows: It is preferred to have access to day light from classrooms.
1. Do not place windows on front of room presentation wall.
 2. Provide no gloss non reflective window covering for light control.
 3. If room darkening is required for AV needs provide motorized or manually operated opaque roller shades with overlap design. Do not provide track system for room darkening.
- v. Ceilings: Refer to GT Yellow Book for performance standards.
1. Single height volume non tiered classrooms:
 - a. Height: Coordinate minimum height with AV performance requirements.
 - b. Material: Generally a complete suspended grid with lay in acoustical ceiling tiles system supplemented with gypsum board ceiling is preferred.
 - i. Grid: 15/16" powder coated steel color white.

- ii. Tile:
 - 1. Edge: Square Lay in
 - 2. Texture: Match GT Yellow Book Requirements
 - 3. NRC: No less than .70
 - 4. Composition: Mineral Fiber
 - 5. Module: 24" x 24"
- 2. Double height volume tiered classrooms: Custom solution.
 - a. Height: Coordinate minimum height with AV performance requirements.
 - b. Material: Generally a hybrid suspended ceiling system/gypsum board ceiling is preferred.
- 3. Finish: Flat finish paint for gypsum board ceiling.
- vi. Color Palette: Colors should be harmonious with existing building finish material palette and provide a long life span. Avoid trendy colors that will become dated quickly.
 - 1. Permanent surfaces which cannot be field painted: Neutral in color.
 - 2. Surfaces which can be field painted: Neutral and or accent color.
- vii. Acoustics
 - 1. Classrooms less than 75 occupants: It is recommended to use an acoustical ceiling system and carpet to mitigate excessive reverberation.
 - 2. Classrooms with 75 or more occupants: An Acoustical consultant specializing in classroom design is to make recommendations for solutions.
- c. Signage and Posting: Refer to GT Graphic and Communications Standards.
 - i. Room Informational Plaque: Provide wall mounted plaque with capacity for 11" x 17" insert.
 - 1. Provisions: Laser printer compatible inserts, minimum of 50 inserts, along with open access software template for format and printing should be provided by sign manufacturer.
 - 2. Location: Locate near instructor.
 - 3. Content/Copy: Pertinent classroom information and classrooms furniture layout options. Confirm on a per project basis.
 - 4. Provide graphic design for copy/content.
- d. Furnishings & Equipment:
 - i. General:
 - 1. Colors and patterns should be selected to camouflage stains, be harmonious with architectural finish material palette and provide a long life span. Avoid trendy selections that will become dated quickly.
 - 2. All furnishing and equipment shall be available on standard Georgia State purchasing contract.
 - 3. Upholstery Fabric:
 - a. Must meet applicable building codes.
 - b. Must meet a minimum of 100,000 double rubs when tested per ASTM D4157.
 - 4. Color and pattern should be such that visual soiling is minimized.
 - ii. Classroom Layout: All classrooms layouts should meet minimum life safety requirements per applicable codes where the desired pedagogy being accommodate meets those minimum occupancies and clearance.
 - iii. Student Seating
 - 1. Tablet Arm Chair: Steelcase "Node" chair is the current campus selection.
 - a. Base: Tripod on casters specified for appropriate flooring material.

- b. Shell: Solid Poly
 - c. Tablet Arm: 22" x 12" on swivel arm to accommodate both left and right with single solution.
 - 2. Loose Chair
 - a. 4 Leg:
 - i. Base: On casters specified for appropriate flooring material.
 - b. Seat: Perforated or solid poly seat is preferred with upholstered solutions only as required.
 - c. Back: Perforated poly or mesh.
 - d. Arms: Armless.
 - e. Nesting/Stacking: Only as required.
 - 3. 5 Star Base:
 - a. Base: Height adjustable on casters specified for appropriate flooring material.
 - b. Seat: Perforated or solid poly seat is preferred with upholstered solutions only as required.
 - c. Back: Perforated poly or mesh.
 - d. Arms: Armless.
 - e. Nesting: Only as required.
 - 4. Fixed Chair:
 - a. General:
 - i. Georgia state contract purchasing is not required when chairs are in the General Contractor's Scope.
 - ii. Allow for field mock up for review and approval by owner.
 - iii. Specify maintenance and service contract provisions. Confirm per project.
 - b. Operation: Self returning.
 - c. Mount: Riser mount is preferred. Floor mount only as approved.
 - d. Spacing: No less than 24" on center.
 - e. Seat: Solid poly.
 - f. Tablet
 - i. Size: maximum size available.
 - ii. Operation: Panic self-storing.
 - iii. Material: Plastic laminate with resilient edge.
 - iv. Hand: Provide 20% left handed.
 - g. Back: Solid or perforated poly.
 - h. Power: Each seat should have 1 outlet.
 - i. Accessibility: Provide ADA compliant fixed table with work surface mounted power and modesty panel. Provide 1 loose chair per ADA seat matching fixed seats. Refer to fixed table and loose chair guidelines.
 - i. Count and Distribution: As required by code.
- iv. Instructor Seating
- 1. 5 Star Base Task Stool:
 - a. Base: Height adjustable on casters specified for appropriate flooring material.
 - b. Foot Ring: Metal
 - c. Seat and Back: Upholstered
 - d. Arms: Fixed

- v. Student Table
 - 1. Top: Plastic laminate with resilient edge.
 - 2. Base: Powder coated steel.
 - 3. Loose
 - a. Top Operation: Fixed. Flip tops by request only and are not recommended.
 - b. Base Style: C, T or straight leg. Design must accommodate proposed occupant load comfortably and provide appropriate stability.
 - c. Feet: Locking casters or glides. Coordinate with flooring material.
 - d. Power: No table mounted power.
 - 4. Fixed
 - a. Modesty Panel: Consider perforated materials for acoustical performance.
 - b. Power: Provide 1 outlet per seat.
 - 5. Accessibility
 - a. Clearance: Provide clearance (height and width) as recommended by ADA.
- vi. Marker Board
 - 1. Sizes:
 - a. Height: No less than 48".
 - b. Width:
 - i. Front of Room: Full allowable width of presentation wall based on manufacturer's standard module.
 - ii. Sides and Back of Room: Full allowable width of presentation wall based on manufacturer's standard module.
 - 2. Frame: Clear anodized aluminum.
 - 3. Marker Rail: Full length clear anodized aluminum.
 - 4. Tack Rail: Full length clear anodized aluminum with homogenous cork insert. Confirm tack strip will not interfere with board lighting.
 - 5. Mounting: Mechanical "Z Clip" or "Clip" style. Do not use adhesives for installation.
 - 6. Mounting Height: 36" above finished floor to bottom of board.
 - 7. Surface: Refer to GT Yellow Book for performance standards.

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