

Facility Specifications/High School/Business Computer Technology Education PROGRAM ORGANIZATION

General Standards

Program Specifics	Number
Teacher Student Ratio	1:30
Student Capacity per Period/Block	30
Teachers	1
Aides	0
Grade Levels for Program	9-12
Hours per Day Space Occupied	7.5

State Facility Standards

Facility	Lab Facility <i>(square footage standards)</i>
Lab	1460
Storage	155
Project	150
Total	1,765

Volusia Variance of Standards

Facility	Lab Facility <i>(square footage standards)</i>
Lab	1500
Storage	0
Project	200
Teacher Planning/Co-op Office	120
Total	1,820

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VOLUSIA VARIANCE JUSTIFICATION

Facility	State Lab Facility <i>(square footage standards)</i>	Volusia Lab Facility <i>(square footage standards)</i>	Volusia Variance Justification
Lab	1,460	1,500	State standard does not allow space for 30 computers with desk writing space
Storage	n/a	n/a	n/a
Project	150	200	Eliminated storage in order to add project/planning area for school-based enterprise
Teacher Planning Co-op Office	0	120	State standard does not allow space for Co-op/OJT coordination and planning
TOTAL	1,765	1,820	

Facility Specifications/High School/Business Computer Technology Education INFRASTRUCTURE

Items	Considerations
Heating/Cooling/Ventilation	<ul style="list-style-type: none"> Proper cooling for computers that generate additional heat
Acoustical	<ul style="list-style-type: none"> Standard
Floors	<ul style="list-style-type: none"> Standard
Walls	<ul style="list-style-type: none"> 3 bulletin/tack boards 1 dry erase board
Ceiling	<ul style="list-style-type: none"> Ceiling-mounted projector and retractable screen for multi-media teaching station
Lighting	<ul style="list-style-type: none"> Non-glare, task Appropriate to computer screen viewing
Windows	<ul style="list-style-type: none"> Exterior: Vertical room-darkening blinds for presentations Interior: Viewing windows between teacher planning
Doors	<ul style="list-style-type: none"> Standard
Communications	<ul style="list-style-type: none"> 32 computers with Internet access – 30 in classroom; 1 for multi-media teaching station; and 1 in teacher planning Port for network printer on built-in counter in Project Area
Electrical	<ul style="list-style-type: none"> Electrical/outlets to support at least 40 computers NO POWER POLES dropped from ceiling into the lab! All power/computer ports/outlets/Internet to come off walls. Minimum of 4 computer ports at the walls where each group of 3 computer desks meets the wall (see floor plan)
Gas and Air	<ul style="list-style-type: none"> N/A
Safety	<ul style="list-style-type: none"> Computer wires/lines off floor and channeled through a wire-housing tube in furniture
Fencing	N/A
Service Drive	N/A
Parking	N/A
Built-Ins	<ul style="list-style-type: none"> Lab/Project Area - upper and lower locking cabinets; counter
Location	<ul style="list-style-type: none"> Business classroom/labs to be located near or next to MKT classroom/lab, if possible

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FURNITURE AND EQUIPMENT

Area	Room Type	Item	Quantity
Business Education	Classroom/Lab	Bookcase, Built-in 48"H x 12"D x 60"L	1
Business Education	Classroom/Lab	Cabinet, A/V Mobile, w/Lock 2-24"Deep Shelves	1
Business Education	Classroom/Lab	Cart, Rolling, PC Presentation	1
Business Education	Classroom/Lab	Chair, Student, Zuma Mobile (UGLIDE, no casters)	30
Business Education	Classroom/Lab	Chair, Teacher's, Adj.	1
Business Education	Classroom/Lab	Clock	1
Business Education	Classroom/Lab	Flag W/Flag Holder	1
Business Education	Classroom/Lab	Lectern, 2 Pc, w/Adj Shelf, Assembled	1
Business Education	Classroom/Lab	Pencil Sharpener, Electric	1
Business Education	Classroom/Lab	Pencil Sharpener, Manual/Wall	1
Business Education	Classroom/Lab	Stool, Fixed Height, 30"	1
Business Education	Classroom/Lab	Table, 2-Tier, 3' with Wire Management	30
Business Education	Classroom/Lab	Tack Board	3
Business Education	Classroom/Lab	VCR/DVD Combo	1
Business Education	Classroom/Lab	Wastebasket, Plastic, 28 1/8	2
Business Education	Classroom/Lab	White Chalkboard Drawing Set	1
Business Education	Teacher Planning/Coop Office	Bookcase, 60" H	1
Business Education	Teacher Planning/Coop Office	Cabinet, File, Lateral, 4-Drawer W/Lock	1
Business Education	Teacher Planning/Coop Office	Chair, Reception	2
Business Education	Teacher Planning/Coop Office	Chair, Teacher's, Adj.	1
Business Education	Teacher Planning/Coop Office	Clock	1
Business Education	Teacher Planning/Coop Office	Desk, Teacher's, Volutian "L"	1
Business Education	Teacher Planning/Coop Office	Mat, Chair	1
Business Education	Teacher Planning/Coop Office	Pencil Sharpener, Electric	1
Business Education	Teacher Planning/Coop Office	Tack Board	1
Business Education	Teacher Planning/Coop Office	Wastebasket, Plastic, 28 1/8	1
Business Education	Project	Cabinet, Built-in with Upper/Lower Locking; Counter; Corner Cabinet	1
Business Education	Project	Chair, Student, Zuma Mobile (UGLIDE, no casters)	4
Business Education	Project	Table, 42" Round	1

IMPORTANT: Items and Quantities may change as floor plan size is modified!

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COMPUTER HARDWARE AND SOFTWARE

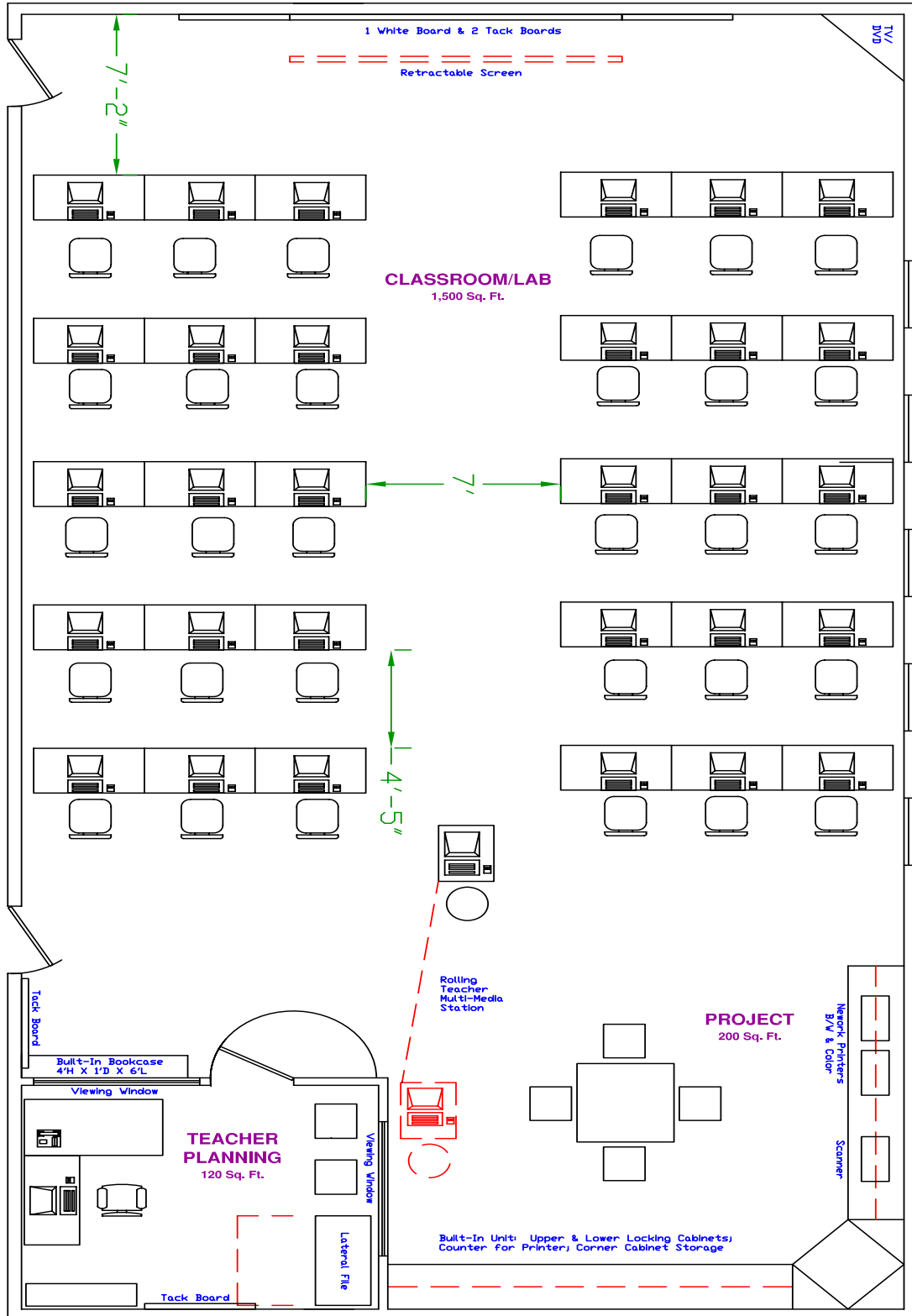
Area	Room Type	Item	Quantity
Business Education	Classroom/Lab	Computer, Multi-Media, DVD/CD Burner Student - Internet	30
Business Education	Classroom/Lab	Computer, Multi-Media, DVD/CD Burner Teacher Presentation - Internet	1
Business Education	Classroom/Lab	LCD/Elmo Overhead Projection	1
Business Education	Classroom/Lab	Projector, Ceiling Mount	1
Business Education	Classroom/Lab	Projector Screen, Ceiling Mount - Retractable	1
Business Education	Teacher Planning/Coop Office	Computer, Multi-Media, DVD-CD Burner Teacher - Internet	1
Business Education	Teacher Planning/Coop Office	Telephone	1
Business Education	Project	Printer, Network, B/W	1
Business Education	Project	Printer, Network, Color (necessary for printing graphic projects)	1
Business Education	Project	Scanner	1

IMPORTANT: Please contact Liz Taylor, Business Computer Technology Education Specialist, for *Business* specific software at 386-255-6475 x60181.

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FLOOR PLAN

Please contact Kristin B. Pierce at x60180 for an AutoCAD drawing.



NO POWER POLES. All power, data ports, internet to come from the walls.