

India Henry
CYSE495 - 31242
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Extending the ~~Campus~~ Backbone

375
Ports

9
Switches

2
Routers

Final Cost
\$8,795.00

This presentation proposes diagrams for how to wire Constant Hall to extend the Campus Backbone. The first slide explains what will be shown on the diagrams, the second slide is a key for the diagrams, the third and fourth slides show the diagrams, and the fifth slide shows an overview of the total cost for the equipment.

Connecting Classrooms, Offices, and Computer Labs

- The typical computer lab has anywhere between 20-30 computers, all of which need to have a direct connection
 - There will be 11 computer labs with varying amounts of ports depending on the size of the room
- With various sizes of rooms, the larger classrooms and offices will receive an extra port than the smaller classrooms and offices
- All servers will be stored on the bottom floor
- All switches will have 48 ports and be connected to a router
 - Router is connected to servers and fiber