

Requirements for Tech 1 – Computer Lab

Requirements for both options A and B:

- Active area width to be 23 feet.
- Active area length to be 22 feet.
- Attached, external, storage area / wiring closet depth of 4 ft 6 ins and width same as active area.
- Entrance door and closet door to be in corners of the active area.

Reasoning:

The activities of the existing Computer Lab cannot be carried out in the area shown on either option A or option B. The active area carries out two complementary activities:

- An instructional area for 10 students,
- A service area for class preparation including CD and printed document preparation, registration maintenance and website and network maintenance with appropriate servers, computer repair and maintenance services for Calendar House members.

A large centrally placed projector screen and a whiteboard are needed at either end of the instructional area, hence the need for doors at the corners. All the students need to see the small detail, particularly on the projector screen, so excessive student distance from the screen is a problem. The students are seniors and may have vision issues. Much of the detail shown is not text but small details of a computer screen that need to be correctly identified so that the students click in the correct place. The “U” shaped student seating area incorporates 2 positions at the bottom of the “U” which influences the instructional width.

As well as instruction, there are “Lab periods” when students come in to practice what they have learned. These activities are monitored and controlled by the Lab staff who will typically be using the service area to work on repairs and upcoming classes, so it is a requirement that both the instructional and service areas are in the same room so that the students may ask for help if necessary.

The lockable storage area also will be used as a wiring closet as the Computer Learning Center (CLC) manages all the public Calendar House network activities including WiFi. The public CLC managed network system is totally separate from the Office network which is connected to the Town system.

See Computer_Learning_Center_Info_30Mar16.doc page 2 & 4 for additional details.