

SCALE-UP LAB TECHNOLOGY INFORMATION

There are two computers at the teacher station. The computer to the LEFT is the “thin client,” i.e. it runs off the math department server – just like the teacher station computers in 108 and 114. The students’ computers are “thin clients.” The computer on the RIGHT is the “fat client,” meaning that it is an independent unit with its own “box” in the cabinet. This one acts just like your office computer. From here on out I will refer to the one on the RIGHT as the “SMARTBoard computer,” since its monitor has SMARTBoard capabilities.

1. Login to the thin client computer just as you do in the downstairs labs – with your flashline login and password.
2. Login to the SMARTBoard computer with your mathematics account login and password
3. The SMARTBoard computer acts just like your office computer. That is, you can access files on your H drive from it. (Recall that your H drive is your storage area on the math department’s server.) This is very convenient for giving Turning Point quizzes or showing Power Point presentations or anything else. Rather than bringing your laptop or a flash drive, you can access the files directly.
4. On either computer, you may save files. On the thin client, you can save them on the desktop and they will remain there for the duration of the semester. On the SMARTBoard computer, you can save directly to your H drive.
5. The printer in the storage room is connected to the SMARTBoard computer only.
6. Each computer has USB ports ON THE MONITOR, on the left side.
7. To show videos, use your laptop or the SMARTBoard computer with the Internet Explorer browser.
8. If you plan to use your laptop to project, the connection wire is in the black little compartment on top of the teacher station on the left side. If you plan to show videos on your laptop, you need also to plug into the headphone jack on your laptop.
9. No sound currently comes out of the SMARTHBoard computer, but of course the projector audio works just fine.
10. The Turning Point software, the software for the (smartphone) clickers is located under “Programs,” then “Microsoft Office.” You might want to create a shortcut to your desktop.
11. When you are finished using the computer for your class, please log off. DO NOT turn the computer off.
12. In the cupboard under the SMARTBoard computer is a wireless keyboard for the SMARTBoard computer. The switch to turn it on or off is in the upper right corner. This would be very nice to use to give a student control the display of the SMARTBoard computer. Similarly, you could be walking around the room and still control the display on the SMARTBOARD computer. Thank Jason for thinking of this!

Using the Switch Control Board for the Projector and Microphones

13. The touch panel control board works much like the push button control board in the labs downstairs, except everything is controlled by touch.
14. The on switch is a motion sensor switch, so the touch screen will come on when you come close to it. Press "login" to start. (Don't worry, no login name or password is needed.)
15. The screen should be self-explanatory. Touch the "projector" button "on" to project to the screens on the far side of the room. Touch the "LCD" button "on" to project to the TV screens. The touch buttons may not be as sensitive as you might like. Also, when one of the features is warming up, the touch screen appears to be locked. Just be patient and wait a bit. Also, if you touch the buttons too quickly, one of the screens (or LCDs) may not show. Just wait and try again. The "Capture" button controls the camera, currently not up and running
16. To control the microphones, touch the "audio" button in the lower right corner. The microphones themselves are in the top drawer in the second column of drawers. You need to turn them on before they activate.

Using the SMARTBoard features of the SMARTBoard computer

17. The necessary software is already installed. The pen is on the top back of the monitor, connected by a cord to the monitor.
18. Simply click on the desired feature on the top of the monitor. The colored buttons refer to the color of the markings on the screen. You can write over files, Power Point presentations, etc.
19. The arrow is the "select" feature, giving the control back to the mouse.
20. You will be prompted if you want to save your annotations.