

Sound Lab supported by ETF Funds

Michael Rasbury

Assistant Professor

Department of Drama

Listed by order of Priority

See attached spreadsheet

iMac 24-inch 2.8 GHz Intel Core 2 Duo includes SuperDrive, 4GB Ram, 500 GB HD (price obtained through Apple Store for Education)

\$13895.00; 5 units @ \$2779.00

Digital audio manipulation requires fast processing, and these are faster than any computer currently owned by our department. Each machine will have four gigabytes of RAM and a 500-gigabyte hard drive. Our department currently owns ten copies of Digital Performer, a powerful digital audio editor, and these will be installed on these computers. iLife is a powerful multimedia suite of software created by Apple and comes standard on these machines. These units will primarily be used by Michael Rasbury for courses relating to sound design, but may be utilized by other faculty requiring computer usage as parts of course work.

M-Audio FireWire 410 Audio/MIDI Interface (High Quality Audio Input and Output Computer Interface)

\$1495.00; 5 units @ \$299.00

The ability to record sounds is integral to sound design. Each iMac will have connected to it one of these Audio/MIDI interfaces. The M-Audio Firewire 410 has the capacity to capture four individual audio tracks simultaneously. It also has ten outputs for connected to outboard gear. These devices will primarily be used by students of sound design in Michael Rasbury's courses. However, they will be useful for anyone needing to capture live audio for video, archival purposes, etc.

Single Desk for All Computers (Designed by Michael Rasbury, Custom Built by Department of Drama Scene Shop)

\$500.00; Estimated Cost of materials and labor

These five computers will be installed in Room B010 in the Culbreth Building. The room is currently a multi-use space and contains drafting tables and drawing supplies/storage. These stations will occupy one wall of the room. The new installation will coexist with existing items in this room. The room's schedule of use will need to be redesigned so students currently using this space to complete projects for other courses will not be hampered. Our department chair is aware

of this plan, and he is in full support. Michael Rasbury will design a single desk to house all pieces, and our scene shop will be hired to construct it.

5.1 Speaker System (connected to one unit)

(<http://www.sweetwater.com/store/detail/MediaDesk51/>)

\$1198.87; 1 unit at \$1198.97

It is imperative for sound design students to hear their work in the studio setting before projecting it in our theatres on larger sound systems. This 5.1 speaker system constitutes a surround playback system for students to utilize while mixing sounds together. It will be connected to one computer. This device will primarily be used by Michael Rasbury and the students of sound design.

Contingency (Necessary Powerstrips, Audio Cables, USB Cables, etc.)

\$500.00; Estimated cost of above items

This item is for special power strips, specialized audio cables, computer cables, etc., for completion of the new teaching space.

FileMaker Pro 8.5 (5-User Lab Pack) (Powerful Database Software for Sound Design Related Paperwork Generation)

(<http://www.campustech.com/c/campust/12550.html>)

\$579.00; 1 unit @ \$579.00

This is a valuable piece of software for sound design. It allows the user to create specialized databases for managing all the paperwork associated with a design. Michael Rasbury and students of sound design will be the primary users of this.

Reason 3.0 (10-User Lab Pack) (For Installation on New iMacs and Existing Sound Computers) (<http://www.sweetwater.com/store/detail/ReasonLabPack/>)

\$799.97; 1 unit at \$799.97

The software package, coupled with the M-Audio Keystation MIDI controllers listed below allows the students to learn extended techniques in sound design. Reason allows the user to create sounds by incorporating synthesizer and samples.

M-Audio Keystation 49e USB MIDI Keyboard (Computer Peripheral for MIDI and music input) **and M-Audio SP 2 Sustain Pedal** (Control Pedal for Keystation 49e)

\$679.45

These are USB MIDI Keyboard Controllers. They utilize the familiar piano style interface and allow a student to command and trigger sounds both during sound creation and live applications.

Keyboard/Mouse Tray FL-ARM-1700 - The AireBoard (Attached to Above Desk) <http://www.flexrest.com/flarm1700.htm>
1014.00; 6 units @ \$169.00

Due to the design of the greater lab, extendable mouse/keyboard trays are necessary at each student station. The M-Audio USB MIDI controllers will be placed directly in front of each computer, so the keyboard and mouse will need to be on a multi-position tray.