Technology Requirements Fall 2014

REQUIRED

1. Computer
   a. Any laptop computer capable of running music notation and professional level digital audio applications. *We recommend Avid-qualified Windows or Mac laptop computers.*

2. Software
   
   You are required to have a notation program. The program must be able to export and import XML files. The program also must be robust enough that you are able to create well-notated scores, extract parts, and supply all normally used articulation markings. *Musescore* is the software used in the theory and EMC courses, which is available for FREE. More sophisticated notation software such as *Sibelius* or *Finale* may be required for certain programs, such as MTC and MWP. Please consult with your individual department/major.

   You are required to be able to demonstrate proficiency with a Digital Audio Workstation (DAW) such as *Pro Tools*, *Logic Pro*, *Cubase*, *Ableton*, *Reaper*, etc. If you do not have experience with DAW's, we currently recommend *Pro Tools 11* Academic Edition. Please note that DAW proficiency will be assessed in the sophomore year. Otherwise you’ll be required to successfully complete MMI 250 Essential Technology for Musicians.

3. Hardware
   a. A miniature 25-Key MIDI controller such as the *Akai LPK25*. A MIDI controller is a piano-type keyboard that doesn’t produce sound, but rather, when connected to a computer, is used to enter music notation or program MIDI. 
   b. Any Core Audio or ASIO-compatible audio interface. *Recommended interfaces include the Mbox Mini, M-Audio Fast Track Pro, and the Steinberg UR 22*. There are many other options as well but these are recommended due to their small size and professional features.
   c. Headphones (such as *Sony MDR7502*) or in-ear monitors (such as *Shure SE215*) or comparable.

RECOMMENDED

1. A 49-key (or greater) MIDI controller or synthesizer. *Recommended for practicing keyboard skills away from the keyboard labs. Also as an alternative controller for computer input. For example M-Audio Oxygen 49 Controller*

2. Small powered studio monitors such as the *KRK Rokit 5, M-Audio BX5a* or similar.

3. Recording microphone. – *Please wait until AFTER your first MMI 250 class meeting before buying this item as different instruments will have different needs.*

Purchase the Sibelius 7, and/or Pro Tools 11 software as well as the Akai LPK25 keyboard online from the UM Campus Bookstore (www.miami.bkstr.com) at the Academic discount rate. The bookstore will ship directly to your location anywhere in the world.

1. Go online to the following URL:  [www.miami.bkstr.com](http://www.miami.bkstr.com)
2. Select “Books” at the top left hand corner of the page
3. Under “Textbooks and Course Materials” your option is “Select your program” choose “UM Frost School of Music”
   “Summer Music Technology” will show as the option
   You can then just hit “Submit” and will see the available items

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