

Music 253 Software Skills in Music and Musicology

Winter Quarter

Braun #129 Wed., Fri. 10-11:50

Credits 2-4 (credits awarded are commensurate with number of assignments)

What this course emphasizes: How to use various kinds of software to improve your facility in handling music (chiefly notated music) in a computer. The software taught allows you to create scores and parts for performances, editions, papers, and publications. The course also covers optical recognition (“scanning”) software to save time on musical data entry, how to mark up examples you have created for exercises in music theory and analysis, how to create PDFs of your musical documents, and how to interchange data between different music programs; and how to create MIDI, audio, and video clips.

Assignments: The short exercises are designed for graduate and upper-level undergraduates in musicology, performance, theory, composition, analysis, and ethnomusicology.

Topics covered

1. The Web: data resources and software documentation at CCARH
2. Understanding music software for sound, notation, analysis
3. Using notation software on the web: Guido
4. Using notation software/classroom materials: Finale
5. Using optical music recognition software: SharpEye (scanning)
6. Using notation software/classroom materials: Sibelius
7. Using notation software/professional submission: SCORE
8. Using MIDI to proof-hear your notation scores
9. Capturing audio and video clips; making PDFs
10. Importing musical examples into written documents
11. Marking up musical examples for analysis

Instructors

Eleanor Selfridge-Field (esfield@stanford.edu)

5-9242

Office hours: Wednesday 2-3

Craig Sapp (craigsapp@gmail.com)

Office hours: Wednesday 12-1