

Digital Sound & Music Technology Syllabus

Geek Cred at HEC 25/26

Instructor: Andrea Covarrubias
geekcredkids@gmail.com

Objective: *Demonstrate an understanding of basic music theory concepts, musical notation, song structure, genres, and styles; develop confidence and personal style in creating unique accompaniment and incidental musical assets using widely available free or inexpensive computer and mobile applications.*

FALL SEMESTER

Week 1 (Aug 25-29) - Discuss platforms, assets, opportunities, goals, interests, styles. Listen to music together!

Week 2 (Sep 1-5) - Basics of loops. Music math. Song structure. Build a song together, demonstration.

Week 3 (Sep 8-12) - Music Theory Practice; Work on first piece

Week 4 (Sep 15-19) - Music Theory Practice; Work on first piece

Week 5 (Sep 22-26) - Music Theory Practice; First piece due

Week 6 (Sep 29-Oct 3) - Share and feedback

Week 7 (Oct 6-10) - History of Music Technology

Fall Break Oct 13-17

Week 8 (Oct 20-24) - Modern Equipment exploration; GarageBand on iPad

Week 9 (Oct 27-31) - Music Theory/ Notation; Creating loops with midi keyboard, mic, and "instruments."

Week 10 (Nov 3-7) - Music Theory Practice; Work on second piece

Week 11 (Nov 10-14) - Music Theory Practice; Work on second piece

Week 12 (Nov 17-21) - Music Theory Practice; Second piece due

Thanksgiving Break Nov 24-28

Week 3 (Dec 1-5) - Music Theory Practice; Work on third piece

Week 14 (Dec 8-12) - Music Theory Practice; Work on third piece

Week 15 (Dec 15-19) - Music Theory Practice; Third piece due

SPRING SEMESTER

Week 1 (Jan 12-16) - Music Appreciation; Music History

Week 2 (Jan 19-21) - Music Theory; Song Structure; Demonstration

Week 3 (Jan 26-30) - Music Theory Practice; Work on first piece

Week 4 (Feb 2-6) - Music Theory Practice; Work on first piece

Week 5 (Feb 9-13) - Music Theory Practice; First piece due

Winter Break Feb 16-20

Week 6 (Feb 23-27) - Share and feedback

Week 7 (Mar 2-6) - Modern Equipment exploration; GarageBand on iPad

Week 8 (Mar 9-13) - Music Theory/ Notation; Creating loops with midi keyboard, mic, and "instruments."

Week 9 (Mar 16-20) - Music Theory Practice; Work on second piece

Week 10 (Mar 23-27) - Music Theory Practice; Second piece due

Spring Break Mar 30-Apr 10

Week 11 (Apr 13-17) - Music Theory Practice; Independent Projects

Week 12 (Apr 20-24) - Music Theory Practice; Independent Projects

Week 3 (Apr 27-May1) - Music Theory Practice; Independent Projects

Week 14 (May 4-8) - Music Theory Practice; Independent Projects

Week 15 (May 11-15) - Music Theory Practice; Independent Projects

Week 16 (May 18-22) - Final Albums