

# Digital Sound & Music Technology

**Instructor:** Andrea Covarrubias  
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**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.*

**Note:** *The exact projects that students complete depends wholly on their individual skill level and interest.*

## **Syllabus:**

### **Fall 2024**

Week 1 (Aug 26-30) - Discuss platforms, assets, opportunities, goals, interests, styles. Listen to music together!

Week 2 (Sep 2-6) - Basics of loops. Music math. Song structure. Build a song together, demonstration.

Week 3 (Sep 9-13) - Sampling, downloading loops. Create 8-measure intro.

Week 4 (Sep 16-20) - Create 32+ measures of body.

Week 5 (Sep 23-27) - Create outro and refine piece.

Week 6 (Sep 30- Oct 4) - Share and feedback. Refine. Upload.

Week 7 (Oct 7-11) - Creating loops with midi keyboard, mic, and instruments.

### *Fall Break Oct 14-18*

Week 8 (Oct 21-25) - Wires and ports and mics. Create loops from scratch together. Demonstration.

Week 9 (Oct 28 - Nov 1) - Create 8-measure intro.

Week 10 (Nov 4-8) - Create 32+ measures of body.

Week 11 (Nov 11-15) - Create outro and refine piece.

Week 12 (Nov 18-22) - share and feedback. Refine. Upload. Discuss final projects.

### *Thanksgiving Break Nov 25-29*

Week 3 (Dec 2-6) - Begin final project.

Week 14 (Dec 9-11) - Final projects.

Week 15 (Dec 16-20) - Final projects. Upload to share.