

PAT 204/504: Creative Coding (Fall 2024)

Final Project

Proposal due at 11:59pm ET on November 25

Presentation in class on December 9

Final report due at 11:59pm ET on December 15

(Last updated on November 24, 2024)

1 Instructions

The final project is open-ended, and you may choose any topic you like that involves MAX/MSP and optionally Processing/Jitter. The final project can take many formats. For example, it can be a programmed performance, a live performance, a playable instrument, a synthesizer, an audio effect, a Max for Live plugin, an application, a generative system, an audiovisual installation or a composition (that you made with MAX).

2 Milestones

There are two write-ups to hand in and one presentation in class. The first milestone is a short single-page proposal describing your plans and related work you find, e.g., the music/audio samples you plan to use or make, the features you plan to implement, the codebase(s) you plan to base on (you may also implement everything from scratch), the performance format you plan to experiment with (if you decide to focus on the creative/performative aspects). You will then work on your project and demonstrate your work in the last class of the semester. Finally, you will turn in a longer two to three-page report that summarizes your design, implementation, results and discussions. You may use any template for your proposal and report.

- Proposal (November 25): Plans, 1 page including references
- Presentation (December 9): Showcase and oral presentation
- Final report (December 15): Full report, 2-3 pages including references

3 Rubrics

- Proposal (10pt)
- Presentation (15pt)
- Final report (25pt)
 - Implementation (10pt)
 - Code documentation (5pt)
 - Explanation of design and implementation (10pt)

4 Submission

- Please provide proper citations/references for any external resources you use in your writing and code.
- Please submit your work to [Gradescope](#).
- **Late submissions will *not* be accepted.** You can always submit your work early and update it later.