## Notes on the Cog 356 Final Exam

The following notes pertain to your **final exam** in this course.

- 1. The final exam will be distributed on Wednesday, April 20, 2022 (Part 1), and on Friday, April 22, 2022 (Part 2).
- 2. The final exam is due on Thursday, May 12, 2022.
- 3. The exam is a take home exam.
- 4. It is expected that you will do all of the work on your exam without consulting any other person with respect to the problems on the exam.
- 5. The exam is a two part exam:
  - (a) Part 1: Critical Thinking about Cognitive Phenomena This part of the exam will ask you to write two essays, and then to evaluate each of the essays according to given rubrics.
  - (b) Part 2: Formal Systems The featured topics for this part of the exam will be: (1) general ideas about formal systems, (2) Post production systems and related matters, as discussed in GEB, (3) simple Markov processes, (4) L-systems and fractals, (5) formal languages and context free grammars, (6) Lambda calculus.
- 6. What are you expected to submit?
  - (a) Part 1: Critical Thinking about Cognitive Phenomena Submit one pdf document containing all of your work on this part of the exam.
  - (b) Part 2: Formal Systems Submit one pdf document containing all of your work on this part of the exam.
- 7. How are you expected to submit your work on the final Exam? Respond just one time, just to me, to my invitation to submit your work on the final exam, attaching both of the required files in pdf form. Please call the documents for your work on the exam:
  - Cog356\_FX1\_Critical\_Thinking.pdf, for the critical thinking part of the exam.
  - Cog356\_FX2\_Formal\_System.pdf for the formal systems part of the exam.