

LMC 2700 Syllabus

Intro to Computational Media LMC 2700, Section B, 3 Credits

Fall 2026

Instructor Information

Instructor: Daniel Phelps

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General Course Information

Description:

This course introduces computational media through creative coding with p5.js and critical engagement with computing, artificial intelligence, and sustainability. Students design and implement interactive sketches for the web while examining how computing shapes culture, power, and the environment. The class combines weekly creative labs, guest talks, and a team-based final project that imagines more sustainable future societies.

Course Learning Outcomes:

Upon successful completion of this course, students will:

- Explain the rationale of the Computational Media degree and how it is organized into threads/concentrations.
- Demonstrate basic competence in programming creative, interactive web pages using p5.js.
- Work in a team to plan, build, and document a creative computational media project.
- Describe how artificial intelligence uses material resources and affects the environment.
- Use concepts from design futuring and fabulation to imagine and communicate alternative futures.

Required Course Materials:

- Laptop with a modern web browser.
- Internet access.
- Access to a web-based p5.js editor or another way to host and share p5.js sketches.
- Access to the Canvas course site for assignments and submissions.
- Access to the class communication space (Teams) for questions and announcements.

Grading Policy:

Grading for the course will be broken down as follows:

Labs	50%
Participation	20%
Final project	30%

Total 100%

Grade Scale:

A	100%-90%
B	89%-80%
C	79%-70%
D	69%-60%
F	<60%

Description of Graded Components:

Labs will be conducted via regular workshops. Attendance will be considered as a part of your participation grade. The final project grade may be a group project with up to one other member, if you choose.

Course Policies

Attendance Policy:

This will be an active classroom where you will be expected to participate in workshops, labs, and class discussions. I have noticed a drastic difference in the lab output between students who regularly attend class and those who don't. Attendance will be a factor in your final grade.

Academic Integrity :

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. Review Georgia Tech's Honor Code and the student Code of Conduct.

Any student suspected of cheating or plagiarism on a quiz, exam, or assignment will be reported to the Office of Student Integrity, which will investigate the incident and determine the appropriate penalty for the violation.

Accommodations for Students with Disabilities:

If you are a student with learning needs that require special accommodations, contact the Office of Disability Services (404-894-2563) as soon as possible to schedule an appointment to discuss your needs and obtain an accommodations letter. Please also email me as soon as possible in order to set up a time to discuss your learning needs.

Student-Faculty Expectations Agreement:

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgment, and responsibility between faculty members and the student body. The Student-Faculty Expectations outline basic expectations you can have of me and that I have of you. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to Georgia Tech's ideals throughout this class.

Pre- &/or Co-Requisites:

None

Collaboration, Group Work, and Use of Generative AI:

You are allowed to work in groups on all labs and out-of-class assignments. Labs will be conducted *without* the use of AI, and work that is submitted without an AI use statement (if needed) will receive a zero. During the final project, you are encouraged to use and document the AI tools used in the creation process.

Extensions, Late Assignments, & Re-Scheduled Work:

Late assignments will be penalized accordingly. Extensions may be given for illness, approved Institute activities, or religious observances. Please make sure to keep lines of communication open in the case of an emergency.