

Film and Technology

Last Updated: Fri, 08/01/2025

Course prefix: LMC

Course number: 3352

Section: SS2

CRN (you may add up to five):
57634

Instructor First Name: Daniel

Instructor Last Name: Phelps

Semester: Summer

Academic year: 2025

Course description:

This advanced seminar explores the intersection of cinema and cutting-edge technology, examining how digital innovations reshape storytelling, production workflows, and audience engagement. Rather than following a traditional chronological approach, we'll investigate contemporary technological disruptions and their implications for the future of moving image media. The course emphasizes hands-on experimentation with emerging tools while critically analyzing their cultural and aesthetic impact.

Course learning outcomes:

Objectives: By course completion, students will:

- *Analyze how emerging technologies transform narrative structure and visual language*
- *Create original projects using contemporary digital tools and platforms*
- *Evaluate the cultural implications of technological shifts in media consumption*
- *Demonstrate proficiency in current industry-standard software and techniques*
- *Synthesize theoretical frameworks with practical production experience*

Required course materials:

Film History: An Introduction (Second Edition) by Kristin Thompson and David Bordwell

- *Special Effects: The History and Technique by Richard Rickitt*
- *Film Art: An Introduction (Eleventh Edition) by Kristin Thompson and David Bordwell*
- *Film: An International History of the Medium (First Edition) by Robert Sklar*

Supplies (For at-home Prototyping)

- *Sketchbook (at least letter size)*
- *Drawing and coloring materials (Pencils, eraser, ruler, pen, brushes, poster or acrylic)*

Software Programs

We will work using paper and pencil and learn to use Adobe Creative Suite tools like Photoshop

and Illustrator. The software is accessible in Skiles 357 and the Georgia Tech library.

It is also recommended that you familiarize yourself with the login instructions & instructional videos

available at LinkedIn Learning (formerly LinkedIn Learning.com). Georgia Tech students get free

access to this site.

Media Scholarship Commons

Located on the 3rd floor of Price Gilbert, the Media Scholarship Commons (MSC) provides the

campus community access to professional-level hardware and software for creating creative media-rich

projects and research.

<https://library.gatech.edu/spaces-technology/media-scholarship-commons>

Mac Self Service

Self-Service is an application installed on all Macs enrolled in Jamf, Georgia Tech's Mac management platform. Within Self Service, users can install optional applications, check for application updates, and see what software and updates have been installed.

<https://it.iac.gatech.edu/how-to/mac-self-service>

Access to Adobe Creative Cloud via Remote Login

You can access Adobe software through our Virtual Desktop system with a decent internet connection. It is highly optimized for our tasks and is an excellent solution if your computer lacks the computing power for some of your work.

<https://mycloud.gatech.edu/logon/LogonPoint/tmindex.html>

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Canvas

We will use the Canvas learning management system (LMS) at Georgia Tech. Please familiarize

yourself with its functionality and contact me ASAP if you have access issues. ALL project Submissions and grading will be done via the Canvas platform.

Grading policy:

Evaluation

Percentage Relevant Elements

Participation &

Attendance

80% Active in discussions, delivery of forum conversations,

active in design meetings, teamwork, Attendance face-to-face course meetings throughout the semester

Projects 20% Participation, imagination, courage, technical skills,

teamwork, work with compromises without losing

quality; design, implementation, and documentation.

Incorporating course learnings into your work. Ontime

delivery and effort to iterate and improve.

- *The grading of individual pieces will be done in percentages.*
- *Late submissions automatically reduce the grade unless a valid excuse is provided in advance. Any 1-day delay, meaning anything after 5 p.m. of the due date, will have a 10% reduction from the grade; any 3-day delay will have a 20% reduction; Submissions beyond 3 days will not be accepted unless excused by the professor.*
- *The Honor Code of Georgia Tech applies (see <http://www.honor.gatech.edu/>).*
- *The professor should excuse any absence in advance. Absences will be based on the percentage of classes missed.*
- *The use of mobile phones in class is only permitted if you inform the instructor upfront about particular academic reasons why you would need this option.*

Attendance policy:

Attendance will be taken for each class and is a portion of your participation grade. The professor

should excuse any absence in advance. Absences will be based on the percentage of classes missed

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the Arts, Humanities & Ethics area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help students master the course content, and support their broad academic and career goals.

This course should direct students toward a broad Orienting Question:

- How do I interpret the human experience through creative, linguistic, and philosophical works?

Completion of this course should enable students to meet the following Learning Outcomes:

- Students will effectively analyze and interpret the meaning, cultural significance, and ethical implications of literary/philosophical texts or of works in the visual/performing arts.

Course content, activities, and exercises in this course should help students develop the following Career-Ready Competencies:

- Ethical Reasoning
- Information Literacy
- Intercultural Competence