Computer Music Composition

Last Updated: Mon, 01/05/2026

Course prefix: MUSI

Course number: 4458/6304

Section: UG/G

CRN (you may add up to five):
30497 30496

Instructor First Name: Jeremy

Instructor Last Name: Muller

Semester: Spring

Academic year: 2026

Course description:

The focus of this seminar is on individual computer music composition projects. Through class discussions, we will discuss works-in-progress with each other and explore related theory, aesthetics, repertoire, and tools.

This course is not a historical overview of computer music, an introduction to music theory, or a practical lab in using specific languages or software applications. Composition is by its nature, mostly an individualized pursuit, and every composer needs to discover his or her own unique approach to planning, writing, and realizing musical ideas.

I expect each of you to come to this course with different backgrounds, levels of experience, and personal goals. This class, then, is a forum for us to share our ideas and try out new approaches, strategies, and tools.

Course learning outcomes:

Create original compositions using a computer directly or indirectly, revise compositions based on feedback, and contribute to a class album.

Required course materials:

Personal laptop, all other material will be available through Georgia Tech library, School of Music software license, or free/open source.

Grading policy:

- attendance, participation, discussion posts, and analysis presentation, assignments, Final Project

In the Canvas grade book, these will show up as a percentage and a letter grade. Please note that for creative projects such as these, I assign grades as follows: A (95), A- (92), B+ (88), B (85), B- (82), C+ (78), C (75), C- (72), D+ (68), D (65), D- (62), and F (50). Those are the only percentages that will appear in the grade book for these assignments.

Attendance policy:

Attendance is required.

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.