

# Technology Ensemble

## *Scores and Systems*

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**MUSI 6004****Fall 2026**

**Course Hours:** Mon/Wed 11:00 am -12:15 pm  
**Location:** TBD, locations change throughout semester  
**Credits:** 3 credit hours  
**CRN:** 94036

**Instructor:** Henrik von Coler  
**Email:** hvc@gatech.edu  
**Office:** Couch 209  
**Office Hours:** by appointment

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### 1 General Course Information

#### 1.1) Course Description

The Tech Ensemble deals with creative applications in music technology and electronic music. In *Scores and Systems*, the focus lies on compositions and concepts for experimental music ensembles. A key goal is the combination of performance concepts with technological systems and instruments, with the central question:

**How can we perform with instruments and systems that do not adhere  
to the traditional concepts of music?**

The course is both a laboratory for experimental approaches to composition, as well as a test-bed for novel instruments and facilitating technologies. In groups, students will explore historic and contemporary examples, including text-based scores, graphic scores, and interactive scores.

#### 1.2) Prerequisites

The course does not require prior coursework. A general understanding of electronic music and electronic music instruments is helpful. Students are required to bring a musical instrument of their choice to class whenever required. This instrument can be of any kind, but needs to be applicable in a classroom context.

#### 1.3) Learning Outcomes

After successful completion of the class, the students will demonstrate

1. knowledge of composition and performance in experimental music,
2. the ability to improvise with an ensemble of arbitrary instruments,
3. compose for arbitrary instruments.

#### **1.4) Attendance Policy**

This course is organized in regular mandatory class meetings. Attendance is part of the grading, as outlined in the course grading policies in the remainder of this document.

#### **1.5) Course Materials**

Relevant materials will be provided or linked in the official Canvas course.

## **2 Grading**

### **2.1) Component Weighting**

The overall grade consists of:

| <b>Component</b>                       | <b>Weight</b> |
|--|---------------|
| Attendance and rehearsal participation | 30%           |
| Individual project                     | 25%           |
| Documentation                          | 20%           |
| Concerts and public presentation       | 25%           |

### **2.2) Details of Graded Components**

#### ***Attendance and Rehearsal Participation***

The course actively engaging in ensemble performances. In groups and with the whole class, students will perform selected works and their own compositions in class.

#### ***Individual Project***

Students work on their own concepts and compositions as individuals and in groups.

#### ***Documentation***

Students document their projects in an adequate format.

#### ***Concerts and Public Presentation***

The class presents existing works and their own compositions in multiple public performances throughout the semester.

### **3 Course Policies and General Information**

#### **3.1) Communication**

All relevant deadlines for submissions and assignments will be published in the course's Canvas page. All additional communication happens in a dedicated Microsoft Teams channel for the course.

#### **3.2) Use of Tools, Code, and Media**

In courses involving software, hardware, audio systems, or creative tools, students are expected to use institutional resources responsibly, back up their work, and document external materials clearly. When generative or assistive tools are used, students should be prepared to explain their process and indicate where such tools materially shaped the submitted work.

#### **3.3) Academic and Research Honesty/Integrity Statement**

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 the student [Code of Conduct](#) and the [Academic Honor Code](#). Students are expected to perform research in an ethical and responsible manner.

#### **3.4) Accommodations for Students with Disabilities**

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

#### **3.5) Student-Faculty Expectations Agreement**

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. The Student-Faculty Expectations articulate some basic expectations that 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 the ideals of Georgia Tech while in this class.