

**CETL 8000: GTA Preparation OR CETL 2000: Undergraduate TA Preparation
1 Credit Hour
Fall 2022**

Course Meeting Times: 3:30 – 4:20 PM Wednesdays
Course Meeting Room: L1175 Ford ES&T Building

Instructors:

Dr. Samantha Wilson

Office: 1249 Ford ES&T Building

Office Hours: By appointment

Email: samantha.wilson@eas.gatech.edu

Dr. Zachary Handlos

Office: 1251 Ford ES&T Building

Office Hours: 12-2 PM EDT Mondays and Wednesdays or via appointment (in-person or virtual)

Email: zachary.handlos@eas.gatech.edu

Prerequisites: Interest in teaching at the college or university level!

*****Statement about Wearing Masks*****

You are **strongly encouraged** to wear a mask within campus buildings **regardless of your vaccination status**.

*****COVID-19 Statement*****

The best way to protect yourself from COVID-19 is to get vaccinated; more information about vaccination opportunities on campus can be found here:

<https://health.gatech.edu/coronavirus/vaccine>

If you are experiencing a fever (i.e., temperature over 100°F), cold-like symptoms, sore throat, dry cough, flu or any other type of illness, **DO NOT COME TO CLASS IN-PERSON**. Please inform the course instructor ASAP if you will miss class due to illness.

COVID-19 campus guidelines: <http://health.gatech.edu/coronavirus/campus-guidelines>

Course Overview

Education is the most powerful tool to use in creating an informed public. Within STEAM (Science, Technology, Engineering, Art and Math) courses, effective instruction helps to create a more scientifically literate population, empowering students and adult learners with the tools

needed to think critically about real-world issues and make effective decisions that improve society for all.

At Georgia Tech, the foundation of course instruction, especially within our introductory courses, is driven by graduate students (and undergraduates) instructing as TA's (Teaching Assistants). TA's have the unique role of instructing students within lab (and some lecture) sections while still maintaining "student" status, allowing students within their courses to feel more comfortable with seeking help in class from TA's versus Professors.

While you as a TA may not feel like you are making a difference in a course, the reality is that **you are an instructor**, and knowledge and application of effective instructional tools will make you an effective TA, leading to a more positive educational experience for your students!

If you are enrolled in this course at Georgia Tech, you have already taken an important step forward in working towards improving your instructional abilities. The goal of this course is to utilize a combination of the instructors' own instructional experience with that of science education research and policy to help you learn about and improve your instructional abilities. We will also spend some time focusing on instruction professional development, which will include creating your own teaching philosophy.

Course Topics

- Required campus TA training on Canvas, GT policies, academic integrity
- Time management
- Instructional styles and teaching pedagogy
- Active learning and engagement of audience
- Writing high quality assessment items on exams, quizzes, etc...
- Student and instructor mental health
- Writing a "Teaching Statement" or "Teaching Philosophy"
- Microteaching and teaching self-reflection

*****The course schedule will be posted as a separate document on Canvas.*****

Grading

This is a pass/fail course. In order to pass this class, you are required to successfully accomplish **all** items listed below:

1. Journal assignments
2. Class participation activities
3. 2 microteaching demonstrations

More details about each of the above will be discussed in class.

Late Policy: Assignments are expected to be completed on time, just like instructors are expected to make deadlines when teaching a course. Exceptions will apply (due to **ANY** illness, including COVID-19 related circumstances, family emergency, or other emergency matters) with communication in advance of assignment due date.

*****It is vital that you consistency communicate with us, especially if you have any concerns about COVID-19 or related issues. Our goal is to make sure all students are in a position to complete this course.*****

Course Communication

All course communication will occur via the course Canvas page. Please make sure that you have your Canvas inbox messaging on for this course and that you check for messages frequently.

Access and Accommodations

If you anticipate or experience physical or academic barriers based on disability, you are welcome to let us know so that we can discuss options. You are also encouraged to contact the Office of Disability Services to explore reasonable accommodations.

The Office of Disability Services can be contacted by:

Phone: **404-894-2563**

Email: dsinfo@gatech.edu

Website: <https://disabilityservices.gatech.edu/>

Resources:

Academic Support

- [Center for Academic Success](#)
 - [1-to-1 tutoring](#)
 - [Peer-Led Undergraduate Study \(PLUS\)](#)
 - [Drop-In Tutoring](#)
- [OMED Educational Services](#) - Group study sessions and tutoring programs
- [Communication Center](#) - Individualized help with writing and multimedia projects
- [Academic Coaching](#)
- [Find Your Advisor](#) for your major

Personal Support

Georgia Tech Resources

- The [Office of the Dean of Students](#) | **404-894-6367**
- [Counseling Center](#) | **404-894-2575** | Smithgall Student Services Building 2nd floor
 - Services include short-term individual counseling, group counseling, couples counseling, testing and assessment, referral services, and crisis intervention.
 - *Students in crisis may walk in during business hours (8am-5pm, Monday through Friday) or contact the counselor on call after hours at 404-894-2204.*
- [Stamps Health Services](#) | **404-894-1420**
- [OMED Educational Services](#) | **404-894-3959**
- [Women's Resource Center](#) | **404-385-0230**
- [LGBTQIA Resource Center](#) | **404 385 4780**
- [Veteran's Resource Center](#) | **404-385-2067**
- [Georgia Tech Police](#) | **404-894-2500**

National Resources

- The [National Suicide Prevention Lifeline](#) | 1-800-273-8255

- Free and confidential support 24/7 to those in suicidal or emotional distress
- The [Trevor Project](#)
 - Crisis intervention and suicide prevention support to members of the LGBTQ+ community and their friends
 - Telephone | **1-866-488-7386** | 24 hours a day, 7 days a week
 - [Online chat](#) | 24 hours a day, 7 days a week
 - Text message | Text “START” to **687687** | 24hrs day, 7 days a week