

GT 1000 Section NRE (90729)

Fall 2026

WELCOME TO GT 1000! This seminar course is designed to help you make a successful transition to college by becoming better acquainted with the academic and social environments here at Georgia Tech. Through the course, you will acquire strategies that promote academic, social, and professional success! This is a highly interactive course that requires active student participation and working collaboratively in small groups. The focus of this section will be nuclear and radiological engineering.

Course Learning Objectives

1. Students will develop self-awareness and self-knowledge, particularly as it relates to academic interests and professional goals.
2. Students will be able to describe their path to graduation and to identify opportunities for academic and professional enrichment with the assistance of a faculty member or advisor.
3. Students will demonstrate the ability to lead and productively participate in collaborative projects.

Instructors, Team Leaders, and Office Hours

Instructor: Andrew Hummel

Email: ahummel6@gatech.edu

Office Hours: T/Th from 12:30 pm to 2:30 pm

Team Leader (TL): Saanvi Bethi

Email: sbethi6@gatech.edu

Major: Nuclear and Radiological Engineering (NRE)

Team Leader (TL): Maren Brown

Email: mbrown465@gatech.edu

Major: Nuclear and Radiological Engineering (NRE)

Class Schedule and Location:

Meeting Day & Time: Wednesday from 2:00 pm to 2:50 pm

Location: Boggs 347

Grading:

Grading for the course will be broken down as follows:

Participation & Attendance	20%
Team Project	20%
Design Your Academic Plan	20%
Career Exploration Project	20%
Individual Project	20%
Total	100%

Grade Scale

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

Required Materials

- CliftonStrengths Top 5 Strengths Insight Report
 - Students will receive an emailed link to complete the Strengths Assessment. Students may register their account using their @gatech.edu email address.

Technology

We will be using Canvas in this course (<http://gatech.instructure.com>). You will need to log in with your GT Account info.

Course Assignments

Attendance and Participation (20 points): This class is designed for students to become active, engaged participants, so it's vital that all students attend each class session and are fully engaged in all class activities. The success of our class depends on student participation, so you'll earn points for your class participation. This means that you'll need to do more than just show up at the appointed time and place—you'll also need to come to class prepared to participate and ready to engage with your peers. In order to earn full credit for your attendance and participation, you will need to attend all classes and be actively engaged in class discussions and activities.

Each class meeting is worth 1 POINT. Participation is worth 5 POINTS.

Team Project (20 points): One of the most important skills any person can learn is the ability to collaborate productively with a team and to demonstrate the ability to lead. This project is designed to help you develop the skills you'll need during to effectively work with your peers in a collaborative environment—whether that's in a class group project, your senior design or capstone experience, or in the professional world. You will utilize the Flowers Invention Studio, but details will be given out later.

Design Your Academic Plan (20 points): This assignment will help you to map out your path to graduation and to think about how your current major aligns with your interests, strengths, and goals. For this assignment, you will delve deeper into your academic plan. This assignment will include multiple elements, all designed to help you on your path to graduation. This assignment has two parts: a degree map and a reflection essay.

Career Exploration Project (20 points): This project is designed to help you think critically about your goals, values, and sense of purpose as you continue—or perhaps begin—to consider your plans after Tech. This assignment will ask you to reflect on your goals, imagine your future, prototype your plans, and take an active step forward in your career development plan. This assignment has two parts: a resume and a reflection essay.

Individual Project (20 points): You must formulate a 5-question survey about nuclear and radiological engineering, and you must give this survey to 5 people you know. Details will be given out later.

Bonus (up to 5 points): Bonus opportunities will be assigned at the discretion of the instructor. While a student may be able to earn more than five bonus points through the semester, no more than 5 POINTS will be applied to the final grade.

Georgia Tech Values Statement

At Georgia Tech, we see different backgrounds and perspectives as essential to learning, discovery, and creation. We strive to remove barriers to student success, and to build a welcoming community where everyone has the opportunity to contribute to our mission. As outlined in our strategic plan (<https://strategicplan.gatech.edu/values> links to an external site.), we want to create an environment of holistic learning where all individuals can grow and learn to lead healthy, purposeful, impactful lives

Accommodations for Students with Disabilities

If there are aspects of the instruction or design of this course that result in barriers to your inclusion or accurate assessment of achievement, please notify me as soon as possible so we can resolve the issue. Students with disabilities should also contact the Office of Disability Services (ODS), whose purpose is to collaborate with students, faculty, and staff to create a campus environment that ensures all students have an equal opportunity to access the Georgia Tech community. ODS can be reached at 404.894.2563, dsinfo@gatech.edu, or disabilityservices.gatech.edu Please contact me ahead of time to discuss any issues related to disabilities. I am happy to work with you

Course Expectations and Guidelines:

1. The Georgia Tech Academic Honor Code applies to all work submitted in this course. To review the Honor Code, please visit <https://osi.gatech.edu/students/honor-code>
2. You are expected to check your e-mail and Canvas daily. Important class announcements and information will be posted to Canvas. You are responsible for all materials posted.

3. Grades will be posted to Canvas throughout the semester. It is your responsibility to keep track of your submitted assignments and grade progress throughout the semester.
4. GT 1000 is designed to be informative, helpful, and fun! However, the class does carry one credit towards your degree. For that reason, it is important that all assignments you submit be high-quality. Please double check your work for spelling and simple grammatical errors.
5. You can expect that as your GT 1000 instructor, I will come to class each day ready to engage you in learning about Georgia Tech and learning how to be a successful college student. Each class will be structured to encourage your active participation, so please come to class ready to participate and contribute to the class.
6. All assignments are due at the beginning of the class period. Assignments can be turned in up to one week after the due date. Late assignments will be penalized 10% per day.
7. Appropriate classroom behavior is expected at all times. This means that you should be respectful of your classmates, your TAs, and your instructor.

Weekly Schedule

Week	Description	Guest Speaker	Assignments Due
8/24	Syllabus / Meet & Greet		
8/31	Introduction to Nuclear & Radiological Eng.		
9/7	Flowers Invention Studio Tour		
9/14	Resume Writing (in-class)		Resume (R)
9/21	Team Project Description and Cultivating Wellness		Degree Map (DM)
9/28	Collaboration Best Practices		
10/5	Professional Skills I		Individual Project
10/12	Professional Skills II		Reflection (R)
10/19	Career Exploration		Reflection (DM)
10/26	Academic Planning I		
10/29	Academic Planning II		Team Project
11/2	Boggs Labs Tour		
11/9	Presentation Best Practices		
11/16	Team Presentations and Pizza Party (last class)		
11/23	NO CLASS (Thanksgiving week)		

We will have numerous guests from the NRE faculty to come give discussions on their research and other related topics.