

Atmospheric Dynamics

Last Updated: Tue, 03/17/2026

Course prefix: EAS

Course number: 4655

Section: A

CRN

81164

Instructor first name: Yi

Instructor last name: Deng

Semester: Fall

Academic year: 2026

Course description: An introduction to the atmospheric physical and dynamic processes that control weather and climate.

Academic 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. All students enrolled at Georgia Tech, and all

its campuses, are to perform their academic work according to standards set by faculty members,

departments, schools and colleges of the university; and cheating and plagiarism constitute fraudulent

misrepresentation for which no credit can be given and for which appropriate sanctions are warranted

and will be applied. For information on Georgia Tech's Academic Honor Code, please visit

<http://www.catalog.gatech.edu/policies/honor-code/> or Academic Honor Code.

Any student suspected of cheating or plagiarizing on a quiz, exam, or assignment will be reported to the

Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for

violations.

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the Institution area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge

in foundational academic areas. This course will help students master course content, and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:

☐ How does my institution help me to navigate the world?

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

☐ Students will demonstrate the ability to think critically and solve problems related to academic priorities at their institution.

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

☐ Critical Thinking

☐ Teamwork

☐ Time Management