

The Earth in Space  
Physics 203  
Fall 2025

Section 007 RM 1-2:20 ECEC 100  
Section 009 RT 11:30-12:50 ECEC 100  
Section 011 RT 8:30-9:50 ECEC 100

Instructor

Dr. George E. Georgiou  
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Office Hour: R 10-11 or after class or By appointment (send email)

Canvas: [canvas.njit.edu](https://canvas.njit.edu) – Syllabus, Lecture Notes and Videos in Files section

Textbook

David McConnell and David Steer. *The Good Earth: Introduction to Earth Science*, McGraw-Hill Education. (any edition)

Grade

Your numerical final grade will be based upon 3 in-class exams (19% each), Final Exam (33%) and 10% Participation/Attendance. The examinations dates are:

Exam 1	Thursday 10/2	(Covers thru week 4) ALL SECTIONS
Exam 2	Thursday 10/30	(Covers week 5-8) ALL SECTIONS
Exam 3	Tuesday 11/25	(Covers week 9-11) ALL SECTIONS
Final Exam	TBD	(all inclusive but ~1/2 after week 8)

Grading formula:  $.22(\text{exam } 1+2+3) + .34(\text{Final})$

If you miss an examination, you will receive a grade of zero that will be calculated into your final grade. There are no make-up examinations (except for illness or work). The following table will determine your letter final grade.

85% to 100%	A
80% to 85%	B+
70% to 79%	B
60% to 69%	C+
50% to 59%	C
40% to 49%	D
0% to 39%	F

Exam grades will not be curved. Exams will consist of multiple-choice and/or true-false questions, all of which will come directly from topics discussed in class and/or topics discussed in the textbook. All exams are closed book and closed notes. Summary sheets will not be permitted

Earth in Space (Phys 203) and Earth in Space Laboratory (Phys 203A) are independent courses. You can register for either one of these courses without being registered for the other course. Withdrawal from one course does not mean you must withdraw from the other course.

Academic Integrity

All students who cheat during an examination are in violation of the Academic Honor Code. All such students will automatically fail the course and will be reported to the Dean of Student Services so that further action may be taken.

## Course Schedule

Week 1	R 9/4/25	introduction to Earth Science System (Chapter One)
Week 2	R 9/11/25	Earth in Space (Exosphere)(Chapter Two)
Week 3 ,	R 9/18/25	review of physics and chemistry (Chapter Seven)
Week 4	R 9/25/25	mineralogy (Chapter Seven)
Week 5	MorT 9/29or9/30 R 10/2/25	petrology (Chapter Seven) Plate Tectonics (Chapter Four) Mountains – Orology (Chapter Six) seismology (Chapter Five)
Week 6	M Oct. 6, 2025	<b>First examination (through Week 4) ALL SECTIONS</b>
Week 7	M Oct. 13, 2025	vulcanology (Chapter Six)
Week 8	M Oct. 20 2025	paleogeology (Chapter Eight)
Week 9	M 10/27 or T 10/28 R 10/30/25	introduction to the ocean (Chapter Thirteen) geological oceanography (Chapter Thirteen) chemical oceanography (Chapter Thirteen) biological oceanography (Chapter Thirteen) physical oceanography: ocean currents (Chapter Thirteen) physical oceanography: ocean waves (Chapter Thirteen) coasts and shores (Chapter Thirtee) ATMOSPHERE (ch 14)
Week 10	M Nov 3, 2025	<b>Second examination (Weeks 5-8) ALL SECTIONS</b>
Week 11,	M Nov. 10, 2025	ATMOSPHERE (Ch 14)
Week 12	M Nov. 17, 2023	WEATHER (Ch.15)
	M 11/24	CLIMATE (Ch.16)
	T 11/25/25	Global Warming (Ch. 17)
	W 11/26/25	NO Monday class
	R 11/27/25	<b>Thursday classes meet</b>
		<b>Third examination (Weeks 9-11)</b>
		<b>Friday classes meet</b>
		<b>Thanksgiving Recess</b>
Week 13	M 12/1/25	More Climate and Global Warming
Week 14	M Dec 8, 2025	REVIEW
Last Day of Class		R Dec 11,2025 – NO Thursday class
Reading Day		F Dec. 12
FINAL EXAM		Dec 14-20

Cummulative, ~1/2 same topics as exams1-2  
~1/2 atmosphere, weather  
climate/climate change

## Fall 2025 Academic Calendar

Sept	1	Labor Day. University Closed
Sept	2	First Day of Classes
Sept	8	Last Day to Add/Drop a Class
Sept	8	Last Day for 100% Refund, Full or Partial Withdrawal
Sept	9	W Grades Posted for Course Withdrawals
Sept	15	Last Day for 90% Refund, Full or Partial Withdrawal - No Refund for Partial Withdrawal after this date
Sept	29	Last Day for 50% Refund, Full Withdrawal
Oct	2	Wellness Day
Oct	20	Last Day for 25% Refund, Full Withdrawal
Nov	10	Last Day to Withdraw from Classes
Nov	25	Thursday Classes Meet
Nov	26	Friday Classes Meet
Nov	27	Thanksgiving Recess Begins. No Classes
Nov	30	Thanksgiving Recess Ends
Dec	11	Last Day of Classes
Dec	12	Reading Day
Dec	13	Saturday Classes Meet
Dec	14	Final Exams Begin
Dec	20	Final Exams End
Dec	22	Final Grades Due