

PLANET EARTH LABORATORY

Location: Smith Hall, Rooms 120 and 126

Lab Instructor: Staff

Offices: Smith Hall, Room **141**; Office Hours: TBA

Duration: 2 hours and 50 minutes

Textbook: Planet Earth Lab Manual, Rutgers University - Newark

Week	Topic	Reading
1 (9/1 – 9/8)	Introduction and Orientation	
2 (9/9 – 9/15)	Minerals - Physical Properties/Identification	Ch.1, Disc I-Lab 1
3 (9/16 – 9/22)	Igneous Rocks - Classification/Identification	Ch.2, Disc I-Lab 2
4 (9/23 – 9/29)	Sedimentary Rocks - Classification/Identification	Ch.3, Disc I-Lab 3
5 (9/30 – 10/6)	Metamorphic Rocks - Classification/Identification	Ch.4, Disc II-Lab 4
6 (10/7 – 10/13)	Supervised Classroom Review (attendance required)	
7 (10/14 – 10/20)	Midterm Exam	
8 (10/21 – 10/27)	Geologic Structures	Ch.6, Disc II-Lab 6
9 (10/28 – 11/3)	Geologic Time	Ch.8, Disc III-Lab 7
10 (11/4 – 11/10)	Paleozoic Fossils	Ch.9, Disc III-Lab 8
11 (11/11 – 11/17)	Mesozoic-Cenozoic Fossils	Ch.10, Disc III-Lab 9
12 (11/18 – 11/29)	Field Trip to the Newark Museum (earth exhibit)	Ch.11, Disc III-Lab 10
13 (11/30 – 12/6)	Supervised Classroom Review (attendance required)	
14 (12/7 – 12/13)	Final Exam	

COURSE POLICY

Textbook:

- **Acquiring** the textbook is **mandatory**.
- **Bring** the textbook and this syllabus to **all classes**.

Attendance:

- **On-time attendance is mandatory**.
- **All lab work is to be completed during the lab period**.
- **All lab work is to be turned in at the end of each class period**.
- **Lab material will be available for study during the official class review**.

- **NO MAKE-UP LABS ARE NORMALLY GIVEN.**
- **If a student misses 3 or more lab sessions, the student will automatically FAIL THE LAB COURSE.**

Grading:

- **Mid-Term Exam = 27.5%; Final Exam = 27.5%; Lab Reports Ave. = 45%**
- **An absence means zero for the lab report or exam missed.**
- **The maximum grade for make-up labs is 80%**
- **No make-up exams are given.**

Supplies Needed for Lab Work:

- A **lab kit** will be distributed to each student.
- Three **video discs** (for lab introduction) will be distributed to each student.
- The student **must always bring a pencil, an eraser and a 6-inch ruler to every class.** A protractor is recommended.