

GEOLOGY 1403 PHYSICAL GEOLOGY LABORATORY

The purpose of this lab is to provide "hands-on" experience with earth materials (Labs 1-6) and an understanding of earth features (Labs 7-12). Some of the "hands-on" experience requires time outside of the designated lab time (you need to work with the minerals and rocks and maps as much as possible).

Individual instructors will announce their office hours (their office is located in LDB 309). Messages may be left for them in LDB 319A or at 294-3508. **PLEASE DO NOT CALL THE MAIN OFFICE!**

Text: Cooper, Hill, and Netoff; *Physical Geology Laboratory Manual*

Lab Coordinator: Dr. Brian Cooper, bjcooper@shsu.edu, 294-1566

LAB	DATES	TOPICS
1	Jan. 29 – Feb. 1	Physical Properties(T)/Economic Minerals(10)
2	Feb. 5 - 8	Rock-forming Minerals (10) (Quiz I (30))
3	Feb. 12 - 15	Igneous Rocks (10) (Quiz II (30))
4	Feb. 19 - 22	Sedimentary Rocks (10) (Quiz III (30))
5	Feb. 26 – Mar. 1	Metamorphic Rocks (10) (Quiz IV (30))
6	Mar. 5 - 8	ROCK AND MINERAL PRACTICAL (100)
7	Mar. 19 - 22	Topographic Maps (10)
8	Mar. 26 - 29	Topographic Maps (10) (Quiz V (30))
9	Apr. 2 - 5	Topographic Maps (15)
10	Apr. 9 - 12	Geologic Structures 1 (15) (Quiz VI (30))
11	Apr. 16 - 19	Geologic Structures 2 (20) (Quiz VII (30)) (Quiz VII will be given at the end of the lab period)
12	Apr. 23 - 26	FINAL EXAM (100)

MATERIALS NEEDED FOR LAB:

1. Penny and a sharp steel point.
2. Pencils (#2) and eraser.
3. Magnifying lens will help when looking at minerals, rocks, and maps.
4. Scan-Tron Form 815E for quizzes, 882ES for final.

GRADING: 6 Quizzes X 30 points each = 180 points (drop lowest of 7 quizzes)
Miscellaneous exercises = 120 points
Practical and Final = 200 points
Total = 500 points

(500-450 = A; 449-400 = B; 399-350 = C; 349-300 = D; < 299 = F)

ATTENDANCE: REQUIRED. More than 2 absences = AUTOMATIC FAILURE. If you miss your lab, you are absent.

Labs can only be made up during the week of the missed lab, if space is available, contact lab coordinator.

Be on time. Three tardies = one absence. Stay the full period.

After finishing an assignment look at other materials in the room.

Pay attention to the lab instructor's lectures and directions.

Always read the appropriate chapter prior to attending lab.

If you miss lab for any given week, remember that there are NO make-ups for quizzes or practicals.

PLEASE DO NOT CALL MAIN OFFICE! The secretaries are not required to keep track of lab instructors, nor are they required to deliver messages to lab instructors. Leave messages in LD 309 or LD 319A or at 294-3508.