

Room 114. Bretske Hall **Lecture Time:** Monday , Wednesday, and Friday : 10:00 AM - 10:50 AM

Laboratory Time: Monday: 1:00- 2:50 PM

Textbook: L. A. Raymond, 2002

Online reading can be found at

[http:// www.utc.edu/Faculty/Habte-Churnet/geol342/](http://www.utc.edu/Faculty/Habte-Churnet/geol342/)

Date: M	Laboratory	week
Jan 10	Identification of Plutonic rocks	1
17	Identification of Plutonic rocks	2
24	Introduction to Igpet	3
31	Use of Discrimination Diagrams	4
Feb 7	Test 1 , Identification of Volcanics	5
12	Trip to Stone Mountain Georgia	
14	Identification of Microscope	6
21	Identification of Microscope	7
28	Identification of Metamorphic rocks	8
March 7		9
14	Test -2 , Identification of rocks under the Microscope	10
19	Trip to Chillhowee Dam, Tennessee	
21	Identification of rocks by using - XRD	12
28	Identification of rocks under the - Microscope	13
April 4	Mtm facies, AFM, ACF	14
11	Identification of rocks under the Microscope	15
16	Trip to Chunky Gal, N, Carolina	
18	Submit Field notes	16

Field trip Notes: For each trip, give an introduction on the geologic (tectonic) setting of the place at which outcrops were examine. The report should include sketches and/or photographs of the outcrop, stratigraphic section and geologic map of the area.

Grading policy

2 tests, each 5%	10%
3 field trips, each 5 points	15%
Total =	25%

Grades: A = 90 - 100, B = 80 - 89, C = 70 - 79;

D = 60 - 69, F= 0 - 59.

ADA Statement: If you are a student with a disability (e.g., physical, learning, psychiatric, vision, hearing, etc.) and think that you might need special assistance or a special accommodation in this class or any other class, call the Office for Students with Disabilities/College Access Program at 425-40006 or come by the office - 110 Frist Hall.