

University of Toronto Scarborough
Department of Physical and Environmental Sciences

Textbook or Guide book to Minerals (text from mineralogy course will be a useful reference if you still have it).

Assignment 1:	8%	Due Jan. 21
Assignment 2:	8%	Due Feb .11
Assignment 3:	8%	Due Mar. 11
Assignment 4:	8%	Due Apr. 4
Rock Project:	18%	Due Mar. 18
Term Test:	14%	Feb. 14 – Short Answer and Igneous Rock Identification (Lecture and Practical)
Rock Quiz 1:	3%	Mar. 11
Rock Quiz 2:	3%	Apr. 1
Final Exam:	30%	

Jan. 7 and 10: Optical Mineralogy, Rock Forming Minerals, Binary Phase Diagrams

Reading: Preface, Introduction, pages 20-29 (Igneous Minerals), 361-365 (Metamorphic Minerals), 92-103 (binary Phase Diagrams)

Practical: Assignment 1

Jan. 14 and 17: Introduction of Igneous Rocks-intrusive and extrusive environments

Readings: Chapters 1, 2 pages 29-35, 3, 4 pages 70-86

Practical: Assignment 1 continued

Jan. 21 and 24:(P)-8.c 0.002etang and(C)-0.6arytllizgt 0.002o0

Practical: Assignment 3

Feb. 25 and 28: Introduction to Sedimentary Rocks, Weathering, Conglomerates and Sandstones

Readings: Chapters 11, 12 pages 234-237, 13

Practical: Time to work on Rock Project descriptions

Mar. 4

Part 2: Feb. 11 the students will be given a paper with a topic in petrology written on it. The students need to research that topic and use it to interpret the petrologic origin

All students are welcome in this course. If you have a disability/health consideration that may require accommodations, please feel free to approach Dr. Preece and/or the Access Services Office so any course adaptations can be established early in the term. Please note that colour blindness should be disclosed so appropriate measures can be put in place for the microscope portion of the course. All inquiries are confidential. The UTSC Access Services staff (located in S302) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations (416) 287-7560 or ability@utsc.utoronto.ca