

**Optical Mineralogy  
Geological Sciences 524**

Vic Camp  
Office: CG-113C (Phone: 594-7170)

Fall, 1994

<i>DATE (week)</i>	<i>LECTURE TOPIC</i>	<i>ASSIGNMENT (Bloss)</i>
Aug. 29 & 31	Introduction, Becke line, Isotropic indicatrix, and anisotropy (calcite experiment)	Ch. 1; Ch. 2 (p. 8-10) Ch. 5 (p. 49-58) Ch. 6 (p. 66-67 & p. 71-73)
Sept. 5	<b>Holiday -- Labor Day</b>	
Sept. 7	Nicol Prism and Polaroid; Birefringence and Retardation	Ch. 4 (Intro., p. 28-29) Ch. 6 (p. 68-70) Ch. 6 (p. 73-74)
Sept. 12 & 14	Interference colors and extinction	Ch. 7 (p. 92-106)
Sept. 19 & 21	Orientation and Compensation; The Uniaxial Indicatrix	Ch. 8 (p. 124-127) Ch. 6 (p. 74-91)
Sept. 26 & 28 127-134)	Identification of Uniaxial minerals	Ch. 7 (p. 106-122 &
Oct. 3 & 5	The Biaxial indicatrix; Identification of Biaxial minerals	Ch. 9 (p. 151-160 & 170-184) Ch. 10 (p. 195-213)
Oct. 17 & 19	Identification of Biaxial minerals; Review	
Oct. 24 & 26	<b>EXAM</b> (Oct. 24); Identification of minerals in thin section	
Oct. 31 & Nov. 3	Identification of minerals in thin section; Feldspars in thin section	
Nov. 7 & 9	Feldspars in thin section; amphiboles and pyroxenes in thin section	<i>For the rest of the semester read about subject minerals in Ehlers' text (Vol 2) or some other standard Optical Mineralogy text.</i>
Nov. 14 & 16	Amphiboles and pyroxenes in thin section; other minerals in thin section	
Nov. 21 & 23	Other minerals in thin section in thin section	
Nov. 28 & 30	Review for exam; <b>EXAM</b> (Nov. 30)	
Dec. 5 & 7	Review for lab thin section exam; review for Final Exam	
Dec. 16 (8:00-10:00 a.m.)	<b>FINAL EXAM</b>	

Note: changes may be made in the schedule as necessary