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GEOL 571.01: Advanced Aqueous Geochemistry II

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Geology 571
Advanced Aqueous Geochemistry II
Spring 2002

Readings will be provided for the latter half of the course. The course will be evaluated on in-class problems, homework, and take-home exams.

Tentative Schedule

28 January	Kinetics, no class February 1
4 February	Kinetics
11 February	Redox equilibria, Nernst equation
18 February	Electron activity
25 February	Graphical representation
4 March	Graphical representation continued
11 March	Iron chemistry
18 March	Spring Break
25 March	Iron chemistry
1 April	Sulfur chemistry , Manganese chemistry
8 April	Class schedule open - I will be on travel part of the week
15 April	Redox controls in natural waters
22 April	Adsorption reactions
29 April	Geochemical modeling
6 May	continued
13 May	Finals Week