

Geosciences 211: Physical Geology

Fall 2005

Key Terms Study Guide

Lecture: Tuesday - Thursday 10:30 - 11:50, Dennis Hall, Room 014

Lab: Monday or Tuesday 1:00 - 3:50, Dennis Hall, Room 314

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Course Website: <http://www.earlham.edu/~parkero/211.htm>

Week	Date	Day	Pages	Key Terms
1	Aug 25	Th		
2	Aug 30 Sep 01	T Th	31 and 47	Jovian Planets, Magnetosphere, Planitesimals, Asthenosphere, Basalt, Crust, Geothermal Gradient, Lithosphere, Granite, Mantle
3	Sep 06 Sep 08	T Th	74 and 105	Continental Drift, Magnetic Anomaly, Mid-Ocean Ridges, Sea-Floor Spreading, Seamounts, Accretionary Prism, Fracture Zone, Hot Spot, Plate, Subduction
4	Sep 13 Sep 15	T Th	128 and 164	Cleavage, Crystal Structure, Geode, Mineral, Polymorph, Assimilation, Vesicles, Pegmatite, Pluton, Xenoliths
5	Sep 20 Sep 22	T Th	205	Arkose, Chert, Diagenesis, Evaporites, Graded Bed, Lithification, Regolith, Sorting, Turbidite, Transgression
6	Sep 27 Sep 29	T Th	233 and 273-4	Aa, Pyroclastic Flow, Tephra, Ring of Fire, Magma Chamber, Foliation, Protolith, Dynamic Metamorphism, Index Minerals, Isograds
7	Oct 04 Oct 06	T Th	316 and 656	Focus, Epicenter, Seismograph, Displacement, P-Waves, Anticyclone, Convergence Zone, Jet Stream, Storm Surge, Troposphere
8	Oct 11 Oct 13	T Th		<i>No quiz</i>
9	Oct 18 Oct 20	T Th	360	Anticline, Axial Plane, Brittle Deformation, Cuesta, Ductile Deformation, Isostasy, Joint, Monocline, Slickensides, Thrust Fault
10	Oct 25 Oct 27	T Th	405 and 434	Angular Unconformity, Cross-Cutting Relations, Formation, Radioactive Decay, Uniformitarianism, Cambrian Explosion, Chicxulub Crater, Ediacaran Fauna, Phanerozoic, Stromatolite
11	Nov 01 Nov 03	T Th	469 and 488	Anthracite Coal, Lignite, Reservoir Rock, Source Rock, Tar Sand, Acid Mine Runoff, Bauxite, Placer Deposit, Tailings Piles, Open Pit Mine
12	Nov 08 Nov 10	T Th		<i>No quiz</i>
13	Nov 15 Nov 17	T Th	679, 680 and 558	Alluvial Fan, Deflation, Inselberg, Loess, Ventifact, Alluvium, Avulsion, Discharge, Oxbow Lake, Thalweg
14	Nov 22 Nov 24	T Th		<i>No quiz</i>
15	Nov 29 Dec 01	T Th	623 and 594	Aquifer, Artesian Well, Cone of Depression, Hydraulic Gradient, Potentiometric Surface, Atoll, Fjord, Guyot, Longshore Current, Rip Current
16	Dec 06 Dec 08	T Th	719 and 747	Ablation, Drumlin, Esker, Erratics, Roche Moutonee, Acid Rain, Global Warming, Ozone Hole, Paleoclimate, Sustainable Growth
17	Dec 12	M		

Key Terms are found on the listed pages in the textbook *Earth: Portrait of a Planet, Second Edition* by Stephen Marshak, 2005, W. W. Norton ISBN # 0-393-92502-1

