

Geology 1 Online Schedule – Spring 2025 – Gavilan College

Week	Study Topic	Assigned Weekly Homework	Tests and Assignments	Due Date
<u>Week 1</u> 1/27 to 2/2	Introductions to Class	Prof's Welcome Message Prof's Video Welcome Personal Intro Assign in Discussion Folder Professor's PowerPoints (PPP 1	Post Personal Introduction on Discussion Board	Thur 1/30
	Course Logistics	Course Syllabus and Schedule	Lecture Quiz #1 – Course Syllabus and Intro to Geologic Science	Sun 2/2
	Intro to Geology Earth Origins	Textbook Chapter 1 Professor's PowerPoints 1 Earth Revealed Video 1 Geo Tutorial Videos 1 - 5	Lab Module #1 - Science Units and Earth History	Sun 2/9
<u>Week 2</u> 2/3 to 2/9	Earth Physiology Isostasy Plate Tectonic Theory	Textbook Chapter 2, 8 Earth Revealed Videos 2, 3, 4, 5, 6 Prof's PowerPoints (PPP) 2, 3, 4, 5 Geo Tutorial Videos 6 - 17	Lab Module #2 – Isostasy	Sun 2/16
<u>Week 3</u> 2/10 to 2/16	Plate Tectonic Theory	Textbook Chapters 2, and 8 Earth Revealed Videos 2, 3, 4, 5, 6 Prof's PowerPoints 2, 3, 4, 5 Geo Tutorial Videos 6 - 17	Lecture Quiz #2 – Earth Origin, Physiology, and Plate Tectonics	Sun 2/16
	Seafloors and Continents		Lab Module #3 – Plate Tectonics	Sun 2/23
<u>Week 4</u> 2/17 to 2/23	Minerals	Textbook Chapters 3 and 16 Earth Revealed Videos - 12 and 26 Prof's PowerPoints 6 Geo Tutorial Videos – 18, 19, 20	Lecture Quiz #3 - Minerals and Mineral Resources	Sun 2/23
	Mineral Resources		Lab Module #4 – Mineral Identification	Sun 3/2
<u>Week 5</u> 2/24 to 3/2	Igneous Rocks	Textbook Chapter 4 Earth Revealed Video 13, 14 Prof's PowerPoints 7 Geo Tutorial Videos – 21, 22, 23, 24	Lab Module #5 – Magmas and Igneous Rock Identification	Sun 3/9
<u>Week 6</u> 3/3 to 3/9	Magmas	Textbook Chapter 5 Earth Revealed Video 15, 17 Prof's PowerPoint 8 Geo Tutorial Videos – 25,	Lecture Quiz #4 – Igneous Rocks, Magmas and Volcanoes	Sun 3/9
	Volcanoes and Volcanic Hazards		Lab Module #6 – Volcanoes and Volcanic Hazards	Sun 3/16

<u>Week 7</u> 3/10 to 3/16	Sediments Sedimentary Rocks	Textbook Chapter 5 Earth Revealed Video 15, 17 Prof's PowerPoint 8 Geo Tutorial Videos – 25,	Lab Module #7 – Sediments and Sedimentary Rocks Identification	Sun 3/23
<u>Week 8</u> 3/17 to 3/23	Metamorphism Metamorphic Rocks	Textbook Chapter 6 Earth Revealed Video 18 Prof's PowerPoint 9 Geo Tutorial Videos – 26	Lecture Quiz #5 – Sedimentary Rocks & Metamorphic Rocks Lab Module #8 – Metamorphic Rock Identification	Sun 3/23 Sun 3/30
<u>Week 9</u> 3/24 to 3/30	Geologic Time, Geo-Dating and Earth History	Textbook Chapters 7, and 8 Earth Revealed Videos – 9 and 10 Prof's PowerPoint 10 Geo Tutorial Videos – 27, 28	Lecture Quiz #6 – Geologic Time, Dating Rocks, and Earth History Lab Module #9 – Geologic Dating	Sun 3/30 Sun 4/6
<u>Week 10</u> 3/31 to 4/6	Mountain Building Crustal Deformation	Textbook Chapters 2, and 8; Earth Revealed Videos 7 and 8 Prof's PowerPoint 11 Geo Tutorial Videos – 35, 36	Lecture Quiz #7 – Crustal Deformation and Mountain Building Lab Module #10 – Structural Geology	Sun 4/13 Sun 4/20
Spring Break Week 4/7 to 4/13				
<u>Week 11</u> 4/14 to 4/20	Earthquakes Seismic Hazards	Textbook Chapter 9 Earth Revealed Video 3, and 9 Prof's PowerPoint 12 Geo Tutorial Videos – 32, 33, 34	Lecture Quiz #8 – Earthquakes Lab Module #11 – Earthquakes and Seismic Hazards	Sun 4/20 Sun 4/27
<u>Week 12</u> 4/21 to 4/27	Mass Wasting Rivers Systems Groundwater	Textbook Chapters 10 and 11, Earth Revealed Video 19, 20, 21 Prof's PowerPoints 13, 14 Geo Tutorial Videos – 37, 38, 39,	Lecture Quiz #9 – Rivers & Groundwater Lab Module #12 – Rivers, Groundwater and Water Resource Management	Sun 4/27 Sun 5/4
<u>Week 13</u> 4/28 to 5/4	Shorelines Human Impacts on Coastlines	Textbook Chapter 12 Earth Revealed Video 16, 23 & 24 Prof's PowerPoint 13, 14 and 15 Geo Tutorial Videos – 41, 42, 46	Lab Module #13 – Coastal Processes and Beach Profiling	Sun 5/11

<u>Week 14</u> 5/5 to 5/11	Glaciers	Textbook Chapter 14 Earth Revealed Video 16 , Prof's PowerPoint 14 Geo Tutorial Videos – 40	Lab Module #14 – Sea Level Rise Hazards and Coastal Erosion	Sun 5/18
<u>Week 15</u> 5/12 to 5/18	Climate Change	Textbook Chapter 15 Earth Revealed Video 23 & 24 Prof's PowerPoint 15 Geo Tutorial Videos – 46	Quiz #10 – Shorelines, Glaciation and Climate Change	Sun 5/18
	Extra Credit Work		Lab Module #15 – Virtual Fieldtrip to the Central Coast	Sun 5/18
			Last day to Submit Extra Credit	Sun 5/18
<u>Finals Week</u> 5/19 to 5/25	Final Exam – Review and Test	Final Exam Study Guide Textbook Ch 1 - 15 Earth Revealed Video 1 - 24 Prof's PowerPoint 1- 15 Geo Tutorial Videos 1 - 46 Lab Modules 1 - 14	Final Exam – Covers all course material from entire semester Exam available to take on 5/20	Sun 5/25

Please Note: This schedule is tentative and may be changed or modified by the instructor at anytime during the semester. Students will be notified in a timely basis.