

OLLI

Course Content

Geology Rocks! - Gary Letcher

This will be a 5-week course introducing participants to the fundamental principles of geology, especially as it applies to the Middle-Atlantic. Classes will make use of PowerPoint with photos and illustrations, short videos, music, demonstrations, and hands-on examples.

Course Outline:

Week 1: Minerals; Identification and formation, hands-on examples of common minerals and their properties.

Week 2: Rocks; Identification and formation, hands-on examples of common rocks and their properties.

Week 3: Geologic processes; tectonic plates, mountain building, weathering and erosion, deposition and stratigraphy.

Week 4: Fossils and life history; the geologic time scale; many hands on-examples of fossils.

Week 5: Landscapes of the Middle-Atlantic states and the processes that formed them.

There will a sort of final exam at the end.