

ERTH 214 : Kaua'i and Ni'ihau Field Geology

Credits: 1

Class Hours: 3 lab

Prerequisites: "C" or higher in EARTH 101, EARTH 101L, or EARTH 130.

Comments: As with Windward CC, students completing or concurrently enrolled in EARTH 103 (GG 103) "Geology of the Hawaiian Islands" will be sufficiently prepared for the course. Students should contact the instructor for approval to enroll.

Description: This four-day field trip course on the island of Kaua'i studies the volcanological evolution and continuing geological history of Kaua'i and Ni'ihau volcanoes. Students traveling from other islands are responsible for air and ground transportation, meals, and lodging.

Semester Offered: Fall (every even year), Spring (every even year)

Designation:

Diversification: Lab (Science) – DY

Course Student Learning Outcomes (CSLOs):

1. Demonstrate understanding of geologic hazards, mitigation of these hazards, and benefits of Hawaiian volcanism and its relationship to island culture(s).
2. Demonstrate understanding through field observation with field and laboratory exercises, geological processes that construct, modify, and destroy the Hawaiian landscape.
3. Demonstrate understanding of current research and studies of Hawaiian volcanism through visits to appropriate museums and research and field sites.
4. Demonstrate understanding of geological time applied to Hawai'i, how geologic time is measured, and time-scales known.