

PALOMAR COLLEGE
Earth, Space, & Aviation Sciences



GEOL 195 Regional Field Studies
San Andreas Fault and Geology of
Anza Borrego & Joshua Tree Regions

March 17-20, 2012
(Saturday - Tuesday of Palomar's Spring Break)

The Anza-Borrego Desert and Joshua Tree Regions contain some of the best examples of desert landforms, geologic structures, and unique vegetation in the United States. The landscape of these areas is also largely tied to the evolution of the San Andreas Fault. This field course will focus on the geologic history and processes that have shaped the Anza Borrego, Salton Sea, and Joshua Tree regions. A sample of the scheduled stops includes Split Mountain Gorge, Font's Point, Salton Sea, Mud Volcanoes, San Andreas Fault, Painted Canyon, Cholla Cactus Garden, Desert Queen mine, and Wonderland of Rocks.

This course is 1 unit of combined lecture/lab (32.0 hours in the field) listed as **GEOL195, Class #33497 in the Spring 2012 class schedule**. Students with a minimum grade of "C" in GEOL 100, 110 or 125, or GEOG 100 may enroll. Students who have completed other related Earth Science courses may also enroll with permission of the instructor. Students must contact the instructor for a permission code to complete the registration process.

This class will take place from March 17-20, 2012, which is Saturday-Tuesday of Palomar's Spring Break. We will meet on the first day at Dudley's Bakery in Santa Ysabel (a 1-hour drive from San Marcos) and leave their parking lot at **8:15 am sharp!** Evenings will be spent in campgrounds or primitive camp sites along the route. Carpooling is required. Students need to have vehicles in good working order; high clearance is preferred. Some roads will be graded dirt or sandy surfaces. The total mileage for this trip is approximately 650 miles.

Please contact Professor Patty Deen with any questions: 760-744-1150 x2519 or pdeen@palomar.edu.