

Santa Barbara City College  
Department of Earth and Planetary Sciences  
**Earth 132 - Geologic Field  
Studies in Death Valley**

April 9-13, 2014

[www.fieldstudy.com/geo](http://www.fieldstudy.com/geo)



## Death Valley Information Sheet

Earth 132 is a five-day/four-night field course to study the geology and geologic history of the Death Valley region. Death Valley contains some of the most spectacular vistas anywhere including places where both the highest and lowest spots in the contiguous United States can be seen simultaneously. Death Valley is also geologically spectacular. Here the rocks reveal the geologic history of the western United States over the last two billion years. By studying the rocks and the processes that formed them, you will be able to piece together this history. In addition, you will see numerous examples of the geologic and hydrologic processes that are actively shaping Death Valley today.

On this trip, you will travel approximately 1200 miles. The trip will take you eastward through the Mojave Desert, then you will enter the southern end of Death Valley, explore Death Valley in its entirety, cross the Panamint Mountains, and visit the mining town of Darwin before returning to Santa Barbara.

### Instructional Staff

**Jan Schultz, Bill Dinklage** and **Michael Robinson** provide instruction for first-year Earth Sciences students on the trip. **Dr. Jeff Meyer** provides instruction for second-year Earth Sciences students and majors.

Quizzes are given each morning in camp. The Geologic Time Scale will be given as a separate quiz on the first morning. Completed field trip notebooks are turned in Sunday morning when you get on the bus prior to returning to Santa Barbara. They will be graded and returned approximately ten days after the end of the trip. You will take a final exam approximately a week later. Specific dates will be announced.

### Support Staff

The **Earth Sciences** Lab Technician, Kevin McNichol, organizes and supervises the logistics of the trip and camp setup. He is assisted by a group of volunteer field trip veterans known as the **Woolly Crew**. Staff from the **School of Culinary Arts** prepares your meals. Licensed Emergency Medical Technicians, referred to as **Medics**, are available if you have a medical problem. **Earth Sciences Tutors** are also available to help you study.

### Work Crews

You will be assigned to a work crew and be required to help with daily camp chores. Most work crew assignments are a one-time responsibility although you may be asked to perform other duties such as loading luggage trucks. Your crew assignment will be included in the field guidebook you will be given prior to departure.

### Course Credit and Grading

You will receive 2 units of credit for taking Earth 132. Grades are based on the following:

Field Trip notebook	1/3 of grade
5 quizzes @ approx. 20 points each	1/3 of grade
Final exam	1/3 of grade

### Cost . . . \$150 (plus unit fees)

**Includes:** Transportation, meals, field guidebook, and entrance fees to a swimming facility.

**Not included:** Camping equipment and personal items and expenses, SBCC registration fees. No textbook is required for the field course.

**Financial aid:** There is a limited amount of scholarship money available to qualified students. Scholarships are based on need and merit. See your instructor if you wish to apply for aid. **All scholarship applications are due no later than Friday, March 7, 2014.**

**Refunds.** If you have to withdraw, you must notify your Earth Science instructor no later than 4 p.m., Wednesday, April 2. Refunds will be mailed after processing your refund paperwork. Your space on the trip is not transferable. If you miss the trip, you may not be able to get a refund.

## Pre-field Trip Orientation Meetings

All students participating on the field trip **must attend** an orientation meeting on one of the following dates:

**Tuesday, April 1, 2014  
at 9:30 - 10:30 a.m. in EBS 123**

**Wednesday, April 2, 2014  
at 9:30 - 10:30 a.m. in EBS 123**

**Wednesday, April 2, 2014  
at 5:30 - 6:30 p.m. in EBS 123**

At these meetings we will go over trip logistics in detail. If you do not attend one of the meetings, you will be dropped from the course. See Bill Dinklage, Jan Schultz or Michael Robinson prior to the meeting if you have an unalterable schedule conflict.

## How to Sign Up

**YOUR PLACE ON THE TRIP IS NOT SAVED UNTIL YOU HAVE COMPLETED STEPS 1 and 2.**

1. Add the course on Pipeline (either CRN # 54450, 54451, or 54452) If the CRNS are full, you may get an authorization code from one of the instructors.
2. Pay the \$150 field course fee at the SBCC Cashier. Make sure that your name gets entered on their "paid list". **Bring proof of registration with you.**
3. Attend a mandatory orientation meeting. The dates, times, and locations are listed under Pre-field Trip Orientation Meetings.

4. Be on campus **at 5:45 a.m.** on Wednesday, April 9. We will return to campus between 6:00 and 7:00 p.m. on Sunday, April 13.

**Last day to pay: Monday, March 31**  
(Unless the trip is full before this date)

## Information

**Announcements.** You will receive all announcements via Pipeline. Please check your Pipeline account and e-mail regularly.

**Field Trip Information.** For equipment list, scholarship forms, photos and more, visit:

[www.fieldstudy.com/geo/DV](http://www.fieldstudy.com/geo/DV)

## Please Note

**Academic course.** This geology field course is an academic course, not a vacation, or camp-out, or party. You should be prepared to work and study during both the day and in the evening.

**Weather.** You will be outside at the mercy of extremes in weather. Temperatures may soar to the 100°s and may drop into the 30°s at night. You should be prepared for hot and cold or wet and dry weather.

**Accommodations.** We do not camp at established campgrounds with rest rooms and/or shower facilities. You should be prepared to adapt as needed.

**No booze or drugs.** No alcohol or drugs are allowed at any time from our departure to our arrival back on the SBCC campus.

## ☎ Questions 📠

### Earth Sciences Instructors

(805) 965-0581

Jan Schultz  
Office: EBS 117  
[schultz@sbcc.edu](mailto:schultz@sbcc.edu)  
Ext. 2313

Michael Robinson  
Office: EBS 113  
[marobinson3@sbcc.edu](mailto:marobinson3@sbcc.edu)  
Ext. 3471

Bill Dinklage  
Office: EBS 111  
[wsdinklage@sbcc.edu](mailto:wsdinklage@sbcc.edu)  
Ext. 4114



For more information  
and pictures of  
previous trips, visit  
[www.fieldstudy.com/geo](http://www.fieldstudy.com/geo)