

# REG REVIEW, Inc.

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## HYDROGEOLOGY CERTIFICATION EXAM REVIEW COURSE OAKLAND/SANTA ANA, CALIFORNIA

Bring the CHG Study Manual and tools including protractor, engineer's scale, straight edge or ruler, rolling ruler, calculator, extra paper (including tracing paper), erasers, and soft lead and colored pencils.

Before the class, please review the Study Manual and work as many problems as you can at the end of the chapters.

### *AGENDA*

Introduction to the CHG Exam

(exam preparation, strategy and format, exam topics, emphasis and reading list)

Definitions

Contouring

General Hydrogeology

Well Numbering System

Dating Groundwater

Flow Nets

Water Budgets

Well Construction

E-Log Interpretation

Contaminant Hydrogeology

Organic Contaminants

Remediation Methods

Stiff/Butterfly Diagrams

Pumping Test Analysis

California Hydrogeology

Laws Regulations and Guidelines

The course is held in a barrier free environment which complies with ADA requirements. Parking is available at the facility.

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## **ENGINEERING GEOLOGY CERTIFICATION EXAM REVIEW COURSE OAKLAND/SANTA ANA, CALIFORNIA**

Bring the CEG Study Manual and tools including protractor, engineer's scale, straight edge or ruler, rolling ruler, calculator, stereonet, extra paper (including tracing paper), erasers, and soft lead and colored pencils.

Before the class, please review the Study Manual and work as many problems as you can at the end of the chapters.

### *AGENDA*

Introduction to the CEG Exam

(exam preparation, strategy and format, exam topics, emphasis and reading list)

Soil Mechanics

(Phase relationships, fill calculations)

Field Investigations

(Drilling fluids, drilling and sampling methods, grouting and concrete aggregate, geophysics, drilling, remote sensing and air photo)

California Engineering Geology

Laws Regulations and Guidelines

Geologic Hazards

Structural Geology Basics/Applications to Engineered Structures

Tunnels, Dams and Aqueducts

Hydrogeology/Environmental Geology

Contouring

Flow Nets

The course is held in a barrier free environment which complies with ADA requirements. Parking is available at the facility.