



Oregon

State Board of Examiners for
Engineering & Land Surveying
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California (CA) Geotechnical Engineering Examination Syllabus

General Description of Examination

The California (CA) Geotechnical Engineering Examination is a computer-based exam. You will have eight hours to complete the exam. The time remaining for your exam is displayed in the upper right-hand corner of the computer screen. The exam will be divided into two parts. After you complete the first part of the exam, your exam screen will show a message that you are allowed to take a 30-minute scheduled break before beginning the second part of the exam.

You are permitted to bring as many reference materials into the testing room as one trip and two boxes will permit. All reference materials (i.e. including all forms of notes) must be bound and remain bound during the exam. Items strictly prohibited in the exam area: hand stapled materials, blank writing tablets or tablets containing blank pages, unbound tablets, unbound notes, slide charts and/or wheel charts (hand-held cardboard or plastic calculating devices with rotating or sliding pieces). In addition, examinees may bring in any two of the following four measuring devices: ruler, protractor, architect scale, or engineer scale.

The examination is structured into six primary content areas. The percentage given in parentheses represents the proportion of total test points that will address that test plan area.

- I. Scope Development and Project Planning (13%)
- II. Site Investigation (9%)
- III. Laboratory Testing (9%)
- IV. Analyses and Development of Conclusions and Recommendations (56%)
- V. Report Planning (5%)
- VI. Document Review, Construction Monitoring, and Post Construction Observations (9%)

For more information on the examination, including test plans and reference material recommendations, visit www.bpelsg.ca.gov/applicants/geo_refs_12.pdf and www.bpelsg.ca.gov/applicants/geotestplan.pdf

For more information on allowed materials or examination procedures, visit https://www.prometric.com/en-us/clients/California/documents/GeotechnicalEngineerCIB_20120830_FINAL.pdf