

C-12: Earthwork and Paving

Course Materials

Each student enrolled in the Earthwork and Paving course should be issued:

- Earthwork and Paving (“C-12”) Manual
- *Excavation & Grading Handbook, Revised*, by Nicholas Capachi
- Audio/Video Lectures:
 - Math Review
 - Health and Safety
 - Excavation & Grading
- Earthwork and Paving Practice Exams:
 - C-12 Test 1
 - C-12 Test 2
 - C-12 Update
- C-12 Earthwork and Paving Contractor’s Computer-Assisted Practice Tests

General Information

Excavation & Grading Handbook, Revised, by Nicholas Capachi is an essential part of the Earthwork and Paving course. The *Handbook* and the accompanying Excavation and Grading lecture contain vital information for passing the State exam.

The Earthwork and Paving Manual briefly covers the major topics of the State exam including Estimating Quantities and summaries of CALTRANS Standard Specifications. The last section of the Earthwork and Paving Manual covers the Health and Safety Orders.

The Math Review Lecture covers the math formulas in the first part of the Earthwork and Paving manual. The Health and Safety Lecture covers the Health and Safety Orders at the end of the Earthwork and Paving manual.

Please be sure that your students study **all** of the practice exams. It is important to read and understand each question and read every word of the explanations. It is necessary to learn the *principles* behind the question because the State’s questions may be worded differently.

The C-12 Earthwork and Paving Contractor’s Computer-Assisted Practice Tests are supplied on a computer disk which will load a software program on the student’s computer. The program presents questions one at a time, automatically scores the exam, presents the student with a grade, and lists each question answered incorrectly along with the correct answer.