

## C-51: Structural Steel

### Course Materials

Each student enrolled in the Structural Steel course should be issued:

- Structural Steel (“C-51”) Manual
- Audio/Video Lectures:
  - Math Review
  - Health and Safety
- Structural Steel Practice Exams:
  - C-51 Test 1
  - C-51 Test 2
  - C-51 Test 3
  - C-51 Update
  - Health and Safety
- C-51 Structural Steel Contractor’s Computer-Assisted Practice Tests

### General Information

The Structural Steel Manual briefly covers the major topics of the State exam including Designation of Steel Members, Rigging, Steel, Fasteners, Welding, Trusses, and Cranes and Derricks. The manual also includes summaries of the Uniform Building Code. The last section of the Structural Steel Manual covers the Health and Safety Orders.

The Math Review Lecture covers the math formulas in the first part of the Structural Steel manual. The Health and Safety Lecture covers the Health and Safety Orders at the end of the Structural Steel 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-51 Structural Steel 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.