

Spring 2012

Fundamentals of Construction Methods & Materials

Course Description: Examine the methods, materials, and systems used in constructing the architectural components of buildings with a focus on Exterior construction. Topics include: Wood, steel and concrete as the major categories, light gauge metal framing; lath and plaster; brick, stone, concrete, and miscellaneous masonry; iron, steel, and miscellaneous metals and alloys; fireproofing; woods and plastics including fiberglass reinforced plastics; fasteners; thermal and moisture protection; damp proofing and waterproofing; doors, windows, glass, and glazing.

This session will clearly explain the different structural principles entailed in architectural construction; be able to identify all the key components involved in wood frame and steel frame construction. Explain in detail the methods used in concrete construction with a clear understanding of formwork, reinforcement, joints, curing; be able to cite the applications of the various masonry systems and materials.

This course will study the use of contemporary building components and methods of construction, including systems analysis and current structural innovations.

Classes will be held at

*Time Square Hall
Port Authority Bus Terminal
625 8th Avenue, 2nd Floor, South Wing
(Bet. Drago Shoe Repair and
NJ Transit Offices)
New York, NY 10018*

**Monday & Wednesday
May 21 and 23
9:00 AM - 3:00 PM**

REGISTER TODAY!!! SPACE IS LIMITED!!!

**There is a registration fee of
\$50.00 per person for M/W/S/DBE Port
Authority certified firms and \$75.00 for others**

*Make Checks Payable to:
Fund for the City of New York*

**Mail or fax completed registration form to:
Regional Alliance for Small Contractors
P.O. Box 20094, PABT, New York, NY 10129
Please fax form to (212) 268-7509**

**For questions contact the Regional Alliance
(212)268-2991**

**Email: regionalalliance.ny@verizon.net
Website: www.regional-alliance.org**

REGISTRATION FORM

Name: _____

Position: _____

Firm: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

E-Mail: _____

Provide email, confirmations are sent via email