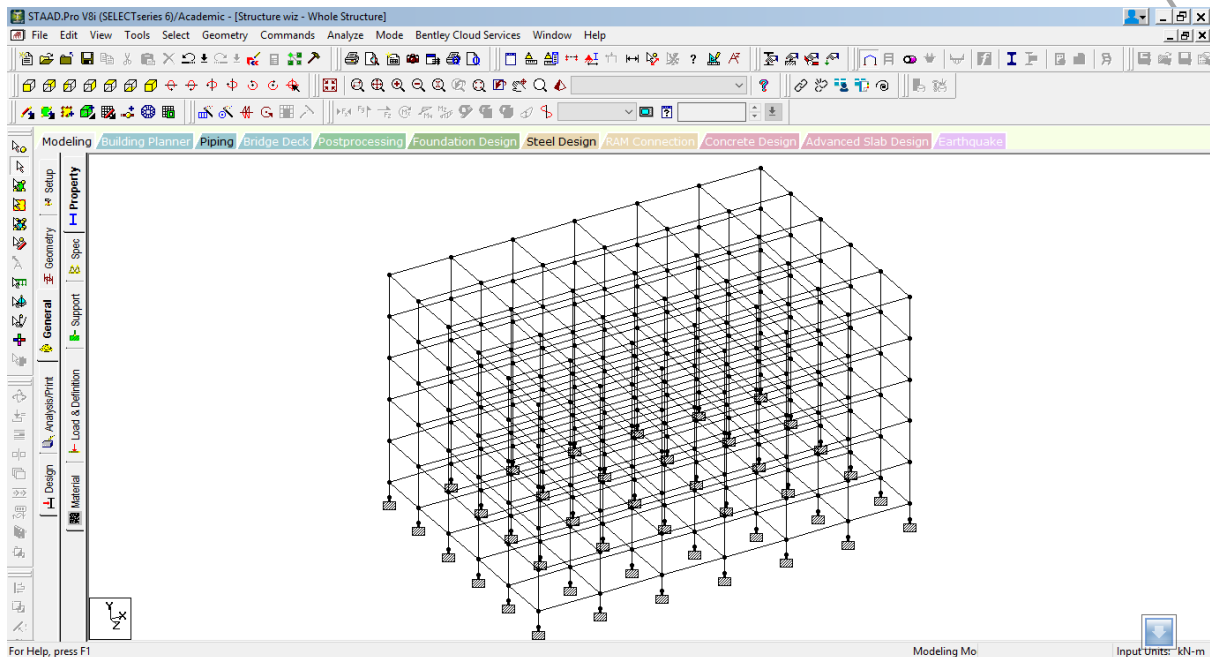


Advanced Analysis Of Staad Pro 2005



Advanced Analysis Of Staad Pro 2005

➔ Course Objective

- Understand the basic concept of different design codes.
- Understand STAAD Pro element library
- Understand STAAD Pro way of pre processing some special structures.
- Understand how the multipurpose finite element programs conduct the structural analysis.
- Check the safety of the proposed steel sections to be used in both plane and space frames.
- Design the required steel sections to be used in both plane and space frames.
- Defining the special Load Systems such as wind, earthquake, dynamic and hydraulic.
- Design the required reinforced concrete sections
- Analyzing your Model using the appropriate Analysis method.
- Check the safety of the proposed reinforced concrete sections to be used in both plane and space frames.

➔ Target Audience

- Civil engineer
- Design structural engineer
- Planners

- Steel fabricator
- Construction engineers

➔ Course Outline

Day 1

Introduction

Review of the materials discussed in the first course and second course.

Presentation of some traditional examples to be analyzed.

Presentation of some traditional loads.

Presentation of some special structures and special loads.

Day 2

Review of the design concept of steel structures.

Review of the design concept of reinforced concrete structures.

Review of the design codes used by STAAD Pro 2005 of steel structures.

Review of the design codes used by STAAD Pro 2005 of reinforced concrete structures.

Day 3

Case study of steel building

Day 4

Case study of reinforced concrete building

Day 5

Case study of different buildings

➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

➡ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.

Price (USD)

**Communicate with the training department
to know the participation fees**

➤ **There are offers and discounts for groups**

The details of the bank account

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