

Blue Print Reading for Supervisors Syllabus

Time: 40 hours

Maximum Class Size: 12

Prerequisites: Basic Blue Print Reading

Course Description: This course is intended to teach the basic elements of blue print reading for heavy commercial construction blueprints. In heavy commercial construction, the biggest challenge in reading prints is the ability to combine print information from a variety of sources required for construction. This course helps the participant develop the skills necessary to interpret plans and provides print reading experience with elements commonly found on prints of large commercial structures.

Goals/Objectives/Student Learning Outcomes:

- Identify the elements included in a full set of plans
- Define the following terms:
 - Different views
 - Elevations
 - Plan view
 - Section details
 - Line weights
 - Scales
- Explain the purpose of blue prints
- Describe what makes up a set of contract documents
- Navigate through a full set of blue prints, correctly answering questions regarding them with an accuracy rate of 80% or above
- Complete an exit exam with a score of 80% or above

Classroom Rules and Procedures

- All classes begin at 6:30 am and end at 3:00 pm
- Upon entering classroom, all participants must sign in and be seated by 6:30 am

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- Class will consist of a combination of lecture, video, demonstration, coached group exercises, individual exercises and assessment.
- Students are required to report to class ready to work and maintain the provided PPE

Textbooks/Readings/Materials

- Blue Print Reading for Supervisors Exit Exams (2)
- Full set of plans from LIUNA
- **Text:** *Print Reading for Heavy Commercial Construction* by Leonard Toenjes

Personal Protective Equipment

- 12 pairs of gloves
- 12 pairs of Safety Glasses
- 20 pairs of Ear plugs
- 12 hard hats

Course Requirements

To receive credit for the course, participants must:

- Be present for the full forty hours
- Participate in all classroom exercises
- Pass a written exam

Course Policies

- Participants must be on-time and ready to work.
- Participants must return from breaks on-time.
- Participants must participate in each exercise and assignment

Assessment and Grading

Participants will be assessed on the following:

- All written exams must be passed with a score of 80% or above.
- All hands-on exercises are graded on performance and participation. They are pass/fail and must be passed with a score of 80% or above.

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Safety

Failure to maintain and use PPE may result in dismissal from the course.