

Course Required for:	<input checked="" type="checkbox"/> License Qualification <input checked="" type="checkbox"/> Worker Training
Purpose:	This course is a Licensing requirement for all applicants for a NYC Climber/Tower Crane Rigger License and a requirement for all workers on engaged in the erection, jumping, or dismantling of a tower crane, including the Licensed Rigger and the Rigger Foreman.
Duration:	30 Hours of instructional time, excluding breaks and meals
Class Size:	1 – 50 Trainees
NYC Requirement:	<p>To work on Climber or Tower Cranes in NYC, all workers must successfully complete 30 hours of training as mandated by the 2022 Construction Code, Building Code Chapter 33 Safeguards during Construction or Demolition.</p> <p>To work as a licensed Climber/Tower Crane Rigger in NYC the licensee must successfully complete 30 hours of training as mandated by the 2022 Building Code, Chapter 33 Safeguards during Construction or Demolition.</p>
Delivery Requirements:	<p>Where the Instruction Delivery Method indicates:</p> <ul style="list-style-type: none">• Classroom Lecture/Discussion w A/V (Audio-Visual): the instruction may be delivered by virtual live classroom; however, self-study modules are not permissible.
Facility Requirements:	<p>The Training Facility used by the Course Provider must</p> <ul style="list-style-type: none">• Have sufficient room to accommodate all expected attendees and the equipment needed to perform hands-on exercises where required as part of the course:• Make provisions for the presentation of training material in all media types (computer, projector, video/DVD player, etc.).• Comply with all applicable laws, rules and regulations relating to occupancy, zoning, egress, fire detection, fire suppression, light, ventilation, cleanliness, sanitary facilities, emergency notification and evacuation procedures. <p>Training may be held at construction sites, provided the above requirements are met.</p>
Instructor Requirements:	<p>To deliver this course the instructor(s) must:</p> <ul style="list-style-type: none">• Demonstrate that he or she is credentialed or trained in instructional methods and learning processes. The instructor(s) must also successfully demonstrate his or her ability to solve or resolve problems relating to the subject matter by possession of a recognized degree, certificate, licensure, or professional standing, or by extensive knowledge, training, and experience, in the subject matter being taught. To the extent that the course instructor(s) holds, or has held, a trade license issued by the Department, it must be in good standing and not be surrendered to, suspended by, or revoked by the Department.• Comply with all applicable Federal, State, and local laws, rules and regulations, and the Department's Industry Code of Conduct.
Course Requirements:	<p>All topics listed under Course Content Requirements must be covered using the listed Instructional Delivery Method. The time dedicated to each outline topic should be appropriate for the course content and can vary depending on the trade or job performed by the trainee. The Instructional Delivery Materials used in this course must contain all current applicable NYC Construction Code references, current rules, policies, and Bulletins.</p> <p>All statistics referenced should reflect the latest publicly available statistics. The selection of Case Studies should prioritize incidents in NYC since the prior renewal period and contain relevant and illustrative photos where available.</p> <p>Refresher or Renewal Courses should focus on the updates since the prior renewal period.</p>

Course Content Requirements

Instruction Delivery Method

<ol style="list-style-type: none"> 1. Introduction to Cranes and Derricks <ul style="list-style-type: none"> • Worker training requirements • Climber or Tower Crane Rigger requirements 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 2. Jobsite Cranes and Derricks Incident Statistics and Prevention 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 3. CFR 29 OSHA 1926 Overview <ul style="list-style-type: none"> • Subpart E: (PPE- Personal Protective Equipment) • Subpart H: (Material Handling, Storage) • Subpart K: (Electrical) • Subpart L: (Scaffolds) • Subpart M: (Fall Protection) • Subpart CC: (Cranes and Derricks in Construction) 	<p>Classroom Lecture/Discussion with A/V</p>
<ol style="list-style-type: none"> 4. NYC Code Review – All applicable: <ul style="list-style-type: none"> • Codes • Rules • Related department policy statements • Regulatory notices • Bulletins and memos, including: <ul style="list-style-type: none"> ○ 2022 Building Code, Chapter 33 ○ 1RCNY 3316-01 3319-01 	<p>Classroom Lecture/Discussion with A/V</p>
<ol style="list-style-type: none"> 5. NYC Department of Buildings – All applicable: <ul style="list-style-type: none"> • Administrative standard operating procedures • Policy and procedure notices • Permits • Department notifications • Forms • Filing and site documents • Plans • Inspection checklists/logs • Wind and weather advisories 	<p>Classroom Lecture/Discussion with A/V</p>
<ol style="list-style-type: none"> 6. Crane and Derrick Safety Protocols and Emergency Procedures 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 7. Crane Assembly and Disassembly 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 8. Pre-Lift Planning 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 9. Weights and Materials 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 10. Use of Slings 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 11. Lifting and Lowering Loads 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 12. Signaling and proper means of Communication with Operator 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 13. Crane and Hoist Inspections 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 14. Rigging Requirements 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 15. Reoccurring Jobsite Cranes and Derricks Safety Problems 	<p>Classroom Lecture/Discussion w A/V</p>
<ol style="list-style-type: none"> 16. Jobsite Cranes and Derricks Incident Case Studies with Photos 	<p>Classroom Lecture/Discussion w A/V</p>

Course Content Requirements

17. Handouts

- [NYC Buildings Unsafe Condition \(311\) Notification Procedure](#)
- [NYC/DOI Buildings Integrity Training Contact Information Sheet](#)

18. Review all Training Topics

19. Written (Multiple Choice) Test

Instruction Delivery Method

Provide Copy to Trainee & Discuss

Discussion with Questions & Answers

Classroom