

Instructor: Norm Hall

This is a two-day module designed for the “entry” level arborist. This is a “hands-on” class. This class is designed for those who have little or no experience using rigging gear (pulleys, slings and rope friction devices) and/or want to learn how to safely use them. A demonstration of a thorough ‘tree risk assessment’, to check for structural integrity, making sure the tree can withstand the forces being applied. Going over the different constructions of synthetic rope, and the advantages and limitations of each construction, will be demonstrated. Tying arborist approved knots and hitches for installing a pulley, rope friction device and lowering limbs and trunk wood. Understanding knot strength loss and the advantages of spliced goods. The demonstration and use of arborist blocks (pulleys) for lowering wood, re-directing the lowering line to a “drop zone”, rope friction devices for lowering wood, building mechanical advantage system for lifting and open face notches.

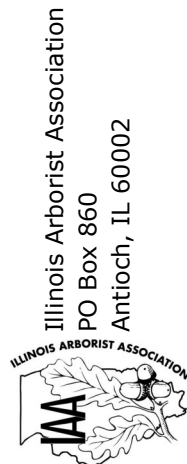
All attendees will have the opportunity to install an arborist block, install the lowering line into the block, tie off a limb, cut an open face notch and cut the limb off.

An aerial lift truck will be on site for use. A full body harness, size Large, will be on site for use. Please bring your own full body harness.

Classes will be held at:

Forest Preserves of Cook County
Northwest Resource Management
640 Cosman Rd.
Elk Grove Village, IL

Maximum class registration is 12 students.
Don't delay in registering.



The Illinois Arborist
Association
presents...

Rigging Level 1

A module of the “Tree Work”
Advanced Qualification Domain

April 12 & 13, 2016

7:30AM—3:15PM

Elk Grove Village, IL



www.illinoisarborist.org

Course Highlights

Equipment requirements

- Climbing style head protection that meets the ANSI Z89.1 standard
- Eye protection that meets the ANSI Z87.1 standard
- Work boots suitable for tree climbing (covering the ankle)
- Hearing protection for chainsaw and chipper use
- Leather gloves for lowering

Day One

Meet in a classroom for 2 hours for introduction and a Power Point presentation. Drive to the site for demonstrations and participation. Go over knots and rope, pulleys (arborist, rescue), slings, rope friction devices, tree risk assessment, and then actual rigging from the aerial lift truck.

Day Two

Continue with limb rigging, mechanical advantage systems, rigging spar wood off itself (drop-hitching) and spar notching & dropping (felling). There will be a Practical test at the end. The test will consist of tying the following knots: Stationary bowline; Running bowline; Clove hitch locked with 2 half hitches; Cow hitch; Timber hitch.

Outcomes

Upon completion of the Rigging Level 1 module, each participant will gain knowledge of or be able to perform the following tasks, with emphasis on Safety.

- Basic Tree Risk Assessment
- Rope tensile strength's
- Know the difference between a rescue pulley and arborist block
- Tying all the knots listed above
- Proper pulley placement in the tree
- Anchoring a rope friction device (Port-a-wrap, etc.) near the base of the tree, and how to safely use the device
- Proper knot to use to lower wood
- Cutting a notch and back cut
- Lowering wood with a rope friction device

* Limit 12 Students

Rigging Level 1

Deadline for registration is April 4, 2016 **Member Cost: \$150 Non-Member \$175**

Name: _____

Company: _____

Address: _____

City-Zip: _____

Phone: _____ Fax: _____

E-mail: _____ Certification #: _____

Check #: _____ Amount \$ _____

Visa or MasterCard

Please enclose payment made payable to:

Card Number: _____

Illinois Arborist Association

PO Box 860

Expiration Date: _____

Antioch, IL 60002

Or fax to: 262-857-6677

Name on Card: _____

Phone: 877-617-8887

About The IAA Advanced Qualification Program

This class is a required module for the Advanced Qualification domain "Tree Worker" (TW).

Advanced Qualification modules for the Tree Worker Domain provide knowledge and skill, with emphasis on Safe Work Practices, on climbing techniques; rigging techniques, tree felling, and tree & ornamental pruning.

A Certified Arborist interested in the Advanced Qualification domain will need to complete four required modules plus one elective.

Tree Worker Classes

- **Present Day Climbing—Entry Level** — *Required*
- **Present Day Rigging—Level 1** — *Required*
- **Pruning** — *Required*
- **Felling** — *Required*
- **Aerial Rescue** — *Elective*
- **Cabling & Bracing** — *Elective*
- **Climbing—Level 2 (Level 1 Prerequisite)** — *Elective*
- **Chainsaw Safety & Operation** — *Elective*
- **Rigging — Level 2 (Level 1 Prerequisite)** — *Elective*