

Committee for the Advancement of Arboriculture

2017 TRAINING PROGRAMS



www.caanj.org

**THE CAA IS A NON-PROFIT ORGANIZATION AND IS IN PARTNERSHIP
WITH THESE MAJOR TREE ORGANIZATIONS IN NEW JERSEY:**

**NJ Board of Certified Tree Experts
NJ Shade Tree Federation
NJ Arborists, International Society of Arboriculture
Rutgers Cooperative Extension
NJ Community Forestry Council
NJ Forestry Utility Group
NJ Society of Certified Tree Experts
O.S.H.A. Region 2
NJ Dept. of Health
USDA Forest Service - Urban Forestry
NJ Green Industry Council**

(Federal Tax I.D. #22-3509984)

**www.caanj.org
Email: caanj4u@gmail.com**



COMMITTEE FOR THE ADVANCEMENT OF ARBORICULTURE CAA

Purpose

Seeing the need for education, continued safety training and the importance for more professionalism in the tree care industry, the CAA was established in 1990.

The objective is to promote excellence in the field of arboriculture through continued educational seminars and skills training programs.

The benefits include higher quality personnel to the tree care industry, the environment and the public in general.

For further information call 732-833-0325 or email caanj4u@gmail.com.

On-Site Training

Courses Have Been Previously Held For:

<i>Atlantic City</i>	<i>Twp. of Wayne</i>
<i>Atlantic City SID</i>	<i>Union County</i>
<i>City of Newark</i>	<i>State Parks Service</i>
<i>City of Trenton</i>	<i>Neptune Township</i>
<i>East Brunswick</i>	<i>Middlesex County</i>
<i>Holmdel Twp.</i>	<i>Shrewsbury Township</i>
<i>Jackson Twp.</i>	<i>Linden</i>
<i>Monmouth County</i>	<i>NJ Water Authority</i>
<i>N.J.D.O.T.</i>	<i>Woodbridge</i>
<i>Ocean County</i>	<i>Fish and Wildlife Service</i>
<i>Paramus Twp.</i>	<i>OSHA, Region 2</i>
<i>Passaic Sewerage Authority</i>	

CHAIN SAW SAFETY

COURSE LOCATION:

Quail Hill Scout Camp
56 La Valley Drive, Manalapan, NJ 07726

DATE: Wed., May 3, 2017 • TIME: 8:30 am to 4:00 pm • FEE: \$90.00

Students shall bring the following minimum equipment: Chaps, Hard Hat, Ear Plugs, Safety Glasses, Work Gloves and Work Boots. Students must supply their own lunch.

The CAA offers chainsaw safety training to help private and public sector employers meet the requirement that employees using a chainsaw be properly trained. Employees using a chainsaw for removal of trees, limbs, brush or for storm cleanup are regulated by either the OSHA 1910.266 Logging Operations standard or the ANSI Z133-2012 Arboricultural Operations standard, regardless of the end use of the wood. Those who should attend include all supervisors, foremen, field operators, climbers or any workers who may be required to operate a chainsaw during daily duties, regardless of the frequency of use.

WHY ATTEND, REQUEST TRAINING:

Using a chainsaw is one of the most dangerous jobs encountered. This training will highlight safe operating practices and proper techniques. The techniques will be demonstrated; students may also participate in hands-on learning. This workshop will include:

- understanding the OSHA standard and how it applies;
- personal protective equipment (PPE) requirements;
- chainsaw maintenance procedures;
- chain sharpening procedures;
- proper felling techniques;
- open-face directional felling;
- using wedges in felling;
- limbing techniques; and
- hazard identification

Audiovisual and training equipment will be supplied. If training is cancelled due to weather, an agreed-upon replacement date will be scheduled.

TRAINING OPTIONS:

CLASSROOM TRAINING:

Although session schedules can be adjusted, morning sessions are 8 a.m. to noon. Afternoon sessions begin after lunch and end when the training is completed, generally about three hours depending on the class size.

SAMPLE SCHEDULE:

MORNING CLASSROOM SESSION:

- overview of safety standards;
- personal protective equipment (PPE); chainsaw safety features and maintenance;
- tree-felling techniques; and
- limbing and bucking

AFTERNOON FIELD SESSION:

- tree-felling demonstration;
- hands-on training with student participation;
- question and answer session

On-site training is available, upon request, for groups of all sizes. For additional information and application, contact the CAA at www.caanj.org.

CPR RE-CERTIFICATION & FIRST AID

COURSE LOCATION:

Quail Hill Scout Camp
56 La Valley Drive, Manalapan, NJ 07726

CPR RE-CERTIFICATION

DATE: Wed., May 10, 2017 • TIME: 8:30 am to 12:00 pm • FEE: \$60.00

FIRST AID AND CPR

DATE: Wed., May 10, 2017 • TIME: 8:30 am to 4:00 pm • FEE: \$90.00

Students must supply their own lunch.

The CAA bases its training on the American Heart Association as they are the recognized authority in resuscitation science and training.

Knowing how to respond to a first aid or CPR emergency is one of the most important skills a person can possess. This NSC First Aid, CPR & AED course meets the OSHA requirements and is your tool for training employees or the general public on the latest skills, techniques and expertise in life-saving procedures. Would you know what to do in a cardiac, breathing or first aid emergency? The right answer could help you save a life. With an emphasis on hands-on learning, our [First Aid/CPR/AED](#) trained representative will train your employees in first aid and CPR comprehensive courses formatted to meet the needs of your workplace and employees and give you the skills to save a life. All course options align with OSHA's Best Practices for Workplace First Aid Training Programs and are available in classroom and blended learning formats. Certification is issued upon successful completion. Course length: From 2 hours to 5 hours, depending on course option and class size and provides a 2 year certification.

COURSE INCLUDES:

First Aid: Learn how to respond to common first aid emergencies, including burns, cuts, head, neck and back injuries, Identifying and caring for bleeding, Preventing disease transmission, sudden illnesses and injuries and more.

CPR/AED: Learn how to respond to cardiac and breathing emergencies in adults, including the use of automated external defibrillators (AED). Adult and infant/child CPR options available.

Review: Renew your First Aid/CPR/AED certification in an abbreviated class session. Current certification is required.

Practical: video-based instruction, group discussion and hands-on practice.

Learning is presented in realistic case-based scenarios.

Three-hour courses teach basic principles, how to recognize and appropriately respond to medical emergencies, and specific steps for treating injuries.

Seven-hour courses teach CPR and Automated External Defibrillator (AED) training for cardiac emergencies, and first aid for environmental emergencies, such as extreme heat or cold, bites and stings.

ELECTRICAL HAZARD AWARENESS TRAINING (includes Aerial Rescue)

COURSE LOCATION:

Quail Hill Scout Camp
56 La Valley Drive, Manalapan, NJ 07726

DATE: Wed., May 17, 2017 • TIME: 8:30 am to 12:00 pm

Students shall bring the following minimum equipment: Chaps, Hard Hat, Ear Plugs, Safety Glasses, Work Gloves and Work Boots. Students must supply their own lunch.

Electricity is a serious and widespread hazard to arborists. In fact, electrocution accounts for about 30 percent of all fatalities in the tree care industry, making it a leading cause of worker fatalities. Almost all arborists in the field have at least some exposure to electrical hazard in one way or another. In fact, workers don't even have to touch a wire to be electrocuted - about half of all electrocution fatalities are the result of indirect contact. Tree branches and other conductive objects are an ever-present threat for the tree care industry.

All arborists must be trained to recognize and avoid these electrical hazards. Qualified line-clearance arborists must have additional knowledge about electrical hazards and the special techniques used to work safely near electrical conductors.

The CAA Electrical Hazards Awareness Program (EHAP) is a great way to keep workers safe, ensure OSHA compliance, and document training.

EHAP will also augment your work in three other areas:

- **OSHA Safety Requirements:** EHAP helps you meet the OSHA 1910.269 safety standard, which requires:

Employer-certified training. Employers must certify that employees who work 10 feet or closer to energized conductors are trained in the special hazards involved in such work.

On-the-job training and verification. Employers must verify through documented, on-the-job training and verification that these employees have the skills necessary to perform line-clearance job tasks safely.

***EHAP must be used in combination with documented on-the-job skills training and verification to meet OSHA 1910.269 requirements.**

- **ANSI Safety Requirements:** The ANSI Z133 safety standard for arboricultural operations requires all employees be trained to recognize electrical hazards. EHAP training meets the ANSI Z133 training requirement.
- **Storm Cleanup:** EHAP is often required by the US Army Corps of Engineers in order to qualify for storm-related cleanups. They have recognized the importance of the EHAP training program dating back to Hurricane Katrina.

AERIAL RESCUE

(includes E.H.A.P.)

COURSE LOCATION:

Quail Hill Scout Camp
56 La Valley Drive, Manalapan, NJ 07726

DATE: Wed., May 17, 2017 • TIME: 1:00 pm to 4:00 pm

Students shall bring the following minimum equipment: Chaps, Hard Hat, Ear Plugs, Safety Glasses, Work Gloves and Work Boots. Students must supply their own lunch.

The most common reason for DOUBLE FATALITIES when working in trees are rescue attempts that fail. Emergencies can develop any time someone is working aloft and your employees must know how to react. CAA and TCIA's Aerial Rescue Training Program™ helps you protect your employees and meet the aerial rescue training requirements mandated by ANSI Z133 and OSHA and new NJLTE requirements.

The course covers:

This certificate program is designed to be used in combination with on-the-job training and practice, so that crews have the knowledge and skills needed to evaluate an emergency situation and potentially rescue an injured climber or aerial lift operator working aloft. The course includes an introduction to aerial rescue concepts, emergency preparedness, actual aerial rescue techniques, following aerial rescue protocol, and working with EMS effectively.

Each enrollment includes classroom instruction, handout materials, multiple choice tests and an Employee Competency Checklist. Completion of the program requires a viewing of the Aerial Rescue DVD. Upon completion, each employee will receive a Certificate of Completion. The Aerial Rescue DVD covers most of the items in the TCIA manual and includes case studies and aerial rescue scenarios according to the ANSI Z133-2012 Aerial Rescue protocol.



CHIPPER, STUMP GRINDER, MINI SKID STEER AWARENESS TRAINING

COURSE LOCATION:

Quail Hill Scout Camp
56 La Valley Drive, Manalapan, NJ 07726

DATE: Wed., May 24, 2017 • TIME: 8:30 am to 4:00 pm • FEE: \$90.00

Students are required to bring the following minimum equipment: Work Gloves, Work Boots, Safety Glasses and Hard Hat. Students must supply their own lunch.



It should be well known that wood chippers, stump grinders, and mini skid steers are highly effective and efficient pieces of equipment that have drastically reduced the effort it takes to process trees and dispose of stumps, brush and wood components. However, it can be extremely dangerous in the hands of the untrained. The following courses have been designed to instruct the workers in the basic operational awareness and safer use of the equipment.

“Chipper operator fatalities are occurring sometimes as often as twice a month”, according to Dr. John Ball, professor of forestry at South Dakota State University. Operators can become caught or snagged by material entering a wood chipper with the consequences resulting in death, amputations, and serious injury. On commercial wood chippers with mechanical infeed systems, an operator can be pulled into the machine by the infeed system at speeds of 20 inches per second or faster and may have no more than a few seconds to escape. The SDSU compilation of chipper accidents from 1997 to 2008 indicates that the “majority of the fatalities involve workers engaged in activities that willfully violate accepted industry safety standards as well as manufacturer recommendations”. TCIA states that strong anecdotal information from the field tells us that chipper operators receive little or no formal training on chipper operation and field maintenance. The CAA and TCIA’s Tree Care Academy Chipper Operator Specialist course is designed to train employees that operate chippers in hazards, as well as accepted practices for brush chipper operation and other associated tasks. The course will increase employee involvement with overall safety compliance and self-policing. The course covers hazard and safety awareness, procedures for hooking up, transporting, setting up, operating and maintaining a chipper.

Stump Grinders

A stump grinder or stump cutter is a powerful tow behind, self-propelled or attached piece of equipment that removes tree stumps by means of a

rotating cutting wheel that shaves or chips away the wood with fixed carbide teeth. Stump grinders can be the size of a lawn mower or as large as a truck. A typical stump grinder incorporates a high powered engine of a size to drive the cutter wheel and movements are controlled by hydraulic cylinders to push the cutter wheel into and through the stump, sweep left and right, and to raise and lower the cutter wheel.



The purpose of this session is to assist you in operating and maintaining your stump grinder. It furnishes information and instructions that will help you achieve safe operation and years of dependable performance. These sessions have been compiled from extensive field experience and engineering data and may be general in nature due to unknown and varying operating conditions. However, through experience and these sessions you will be able to use our checklist to develop procedures that result in a safe and efficient operation.

Mini Skid Steers

The mini skid steer is an extremely versatile and powerful piece of equipment designed to fit into small spaces and are lightweight enough to use on most landscape surfaces. Available in wheel-driven or track-driven models, these highly productive skid steers maneuver easily around most obstacles and reduce workloads in the process. The mini skid steers supports the power and lift capacity more commonly associated with larger skid loaders. Commonly fitted with a rotating grapple, it requires a sophisticated operator to maximize productivity without compromising safety and exceeding the capacity and limitations of the machine and its attachments, resulting in serious injuries. This session includes: safety procedures and checklist, capacities, operation, and transporting.



2017
TREE CLIMBING COURSE
(10 Days Over 5 Weeks)
ARBORICULTURE I

C.A.A. ARBORICULTURE I
BASIC TREE CLIMBING

ARBORICULTURE I

Includes:

Basic Climbing Techniques
Target Pruning ♦ Ropes and Knots
General Tree Care
First Aid and CPR Course
Aerial Rescue
Chain Saw Safety
Electrical Hazard Awareness Program
Tree Identification
Hazard/Risk Tree Evaluation

Course materials are included however, STUDENTS ARE REQUIRED TO BRING THE FOLLOWING MINIMUM EQUIPMENT: Climbing Harness, Climbing Line, Lanyard, Hand Saw and Scabbard, Hard Hat, Safety Glasses, Work Boots and Work Gloves. Students must supply their own lunch.

LOCATION:

Quail Hill Scout Reservation

56 La Valley Drive

Manalapan, New Jersey 07726

Scholarships available, go to www.caanj.org for info

2017
TREE CLIMBING COURSE
(10 Days Over 5 Weeks)
ARBORICULTURE II

C.A.A. ARBORICULTURE II
ADVANCED TREE CLIMBING

ARBORICULTURE II

Includes:

Advanced Climbing Techniques
Target Pruning in Large Trees
Insect & Disease Problems
Cabling and Bracing Techniques
Topping for Removal
Ropes and Knots ♦ General Tree Care
Aerial Rescue
Electrical Hazard Awareness Program
Chain Saw Safety ♦ Tree Identification
Rigging Forces
Hazard/Risk Tree Evaluation

TIME: 8:00 am to 4:00 pm • FEE: \$895.00
Paid registration by Friday, April 7, 2017

2017

WEDNESDAYS

APRIL 26

MAY 3

(Chain Saw Safety)

MAY 10

(First Aid/CPR)

MAY 17

(E.H.A.P. Aerial Rescue)

MAY 24

(Chipper)

THURSDAYS

APRIL 27

MAY 4

MAY 11

MAY 18

MAY 25

TRAINING FOR LICENSED TREE EXPERTS (LTE) and LICENSED TREE CARE OPERATORS (LTCO)

The Tree Expert and Tree Care Operators Licensing Act mandates businesses in NJ (while performing any phase of tree work for hire) provide employee training in safe equipment operations and the maintenance of safe tree work zones. CAA training programs provide the employer with customized sessions on tree worker safety, supplying information and materials which are compliant with the LTE law, while earning participants the required CEU's. CAA training programs ensure that employees have received safety instruction and testing validation, with the purpose of reducing injuries and fatalities to tree care workers providing quality tree care to the public. CAA training programs help build an increasingly knowledgeable tree worker force and CEU's will keep LTE's & LTCO's abreast of improved arboricultural techniques, provide instruction on increasingly efficient tree worker equipment and new research findings.

The CAA has added a mobile classroom that is capable of seating 18 people comfortably in an air conditioned/heated trailer which can be brought to your facility or job site.

Certificates and CEU's are issued to all individuals who complete a training session. Call or email the CAA for more information and scheduling updates.

On-Site Training is available, upon request, for groups of all sizes. For additional information, contact CAA. Email: caanj4u@gmail.com or www.caanj.org

CAA Mobile Classroom Trailer



REGISTRATION

Name: _____

Company: _____

Address: _____

City, State, Zip: _____

Home Phone: () _____

Bus. Phone: () _____ Mobile:() _____

Email: _____

Paid Registration By April 7, 2017

Please check appropriate box(es) of the course(s) you will be attending.

- | | |
|---|--------|
| <input type="checkbox"/> Arboriculture I | \$895* |
| <input type="checkbox"/> Arboriculture II | \$895* |
| <input type="checkbox"/> CPR Re-Certification | \$60* |
| <input type="checkbox"/> First Aid and CPR | \$90* |
| <input type="checkbox"/> Chain Saw Safety | \$90* |
| <input type="checkbox"/> E.H.A.P. / Aerial Rescue | \$90* |
| <input type="checkbox"/> Chipper Safety | \$90* |



Purchase Order/Voucher # _____

Total Amount Enclosed: \$ _____

* NOT REFUNDABLE AFTER APRIL 8, 2017

PLEASE MAKE CHECK PAYABLE TO:
The Committee for the Advancement of Arboriculture
Return completed application to: C.A.A.
101 West Veterans Highway
Jackson, NJ 08527
For further information call:
Answering Machine: (732) 833-0325
Fax: (848) 373-9588

This Brochure and Form is Available for Download at

www.caanj.org

C.A.A.

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