

Course Topics

- Tree Trimming and Climbing
- Tree Felling
- Aerial Tree Trimming
- Tree Identification
- Power line Identification
- Knowledge of Equipment
- Tree Top Rescue
- Industrial Right of Way Herbicide

Technical Instruction

Electricity

45 classroom hours

- Identification of utility system components
- Conductivity and resistance of various tools
- Demonstrate phase to phase and phase to ground
- Simulate Direct and Indirect contacts
- Minimum working distances
- Conductive tools, clothing, antennas and various hazards
- EHAP

**General Hand Tool Safety, Operation and Storage; Chipper Operation and Basic Maintenance;
Truck Operation**

30 classroom hours

- Axe
- Hand saw
- Pole saw and pole pruner
- Safety precautions
- Operations
- Chainsaw Safety
- Basic maintenance and troubleshooting of truck, chipper & chainsaw
- Blade change and cutter bar rotation

Hand Climbing Methods and Safety Precautions

45 classroom hours

- Evaluation of tree condition
- "Plan of attack" - communication between crew members
- Ladder, body thrust, foot lock and tree - gaff methods
- Rope, belt, and tool inspection
- Tying in - second evaluation - communication
- Sending and receiving tools
- Clearing the Line - use of tools, rope and rigging
- Shaping the tree
- Aerial rescue

Felling of Trees

40 classroom hours

- Tree ID
- Condition of tree: Possible rot, widow makers and line of fall
- Arborist
- Shape and balance of tree
- Lean of tree
- Wind force and direction
- Use of ropes and rigging
- Public protection

Pesticide Application

15 classroom hours

- Knowledge of different regulations, Drift, & Off Target
- Mixing/Handling
- Application Methods (Backpack, Boom, etc)
- Low volume, high volume etc.
- Basal, Dormant, Foliar, etc.
- Calibration
- State Exam Preparation

OSHA 10 GI

15 classroom hours

- Hazardous Materials
- Material Handling
- Machine Guarding
- Introduction to Industrial Hygiene
- Bloodborne Pathogens
- Ergonomics
- Safety & Health program
- Fall Protection

OSHA Standards

15 classroom hours

- Knowledge of Electric Power Generation, Transmission, and Distribution

CDL

30 Classroom hours

- Knowledge to acquire CDL license including pre-trip inspection & parking lot maneuvers

CPR/First Aid/Trauma

8 classroom hours

- Trauma Training & First Aid/CPR Certification