



NORTH AMERICAN TRAINING SOLUTIONS

Presents:

Arboriculture in the Blue Ridge Mountains

Location: Cornelia City Park
(Wyly Street) Park Dr, Cornelia GA 30531

Date: March 1-4, 2010

Time: 8 am – 4:30 pm

Presenters: Odis Sisk and Phillip Kelley

Main Topics

March 1

Tree Pruning and Advanced Climbing

Price **\$115** (If registered before February 25 **\$95**)

- ANSI Standards for Pruning and Climbing
- Tree Physiology
- CODIT
- Pruning Objectives
- Determining Pruning Cycle and Dosage
- Young Tree Structural Pruning
- Development or maintaining a dominant leader
- Establishment of Temporary Branches
- Mature Tree Pruning and Maintenance
- Canopy Reduction
- Restoration Pruning
- Canopy Preservation and Dynamics
- Non- Invasive Climbing Techniques
- Climbing Systems for Fall Protection and Work Positioning
- Open Climbing Systems
- Foot Lock Techniques
- Friction Management

March 2

Introduction to Tree Inspection and Compaction Mitigation

Price **\$240** (If registered before February 25 **\$200**)

- Tree and Decay Physiology
- Tree Growth and Structure
- Tree Dynamics and Work-Related Physics
- Canopy Cycling
- Introduction to Visual Tree Inspection
- Red Flag Indicators
- Introduction to Resistograph (including demonstrations)
(Instrument used to determine tree density differences that are then used to detect decay)
- Introduction to Decay Analysis
- Introduction to Air Excavator (including demonstrations)
(Use of pressurized air during tree root exploration and compaction mitigation)
- Management Techniques

March 3

Rigging and Aerial Chainsaw Operation

Cost **\$190** (If registered before February 25 **\$150**)

- Personal Protective Equipment
- Emergency Protocol
- Fall Protection Standards
- Throw Line Techniques
- Open Climbing Systems
- Friction Management
- Load and Pull Testing
- Work Positioning
- Aerial Chainsaw Starting Procedures
- Aerial Chainsaw Safety and Operation
- Notching and Bore Cutting Techniques
- Rigging Techniques for Aerial Tree Removal
- Single-Block Techniques and Forces
- Multi-Block Techniques and Forces
- Lifting of Limbs
- Drift/Transfer Lines
- Mechanical Advantage
- Controlled Speed Line

March 4

Chainsaw Safety and Felling Techniques

Cost **\$115** (If registered before February 25 **\$95**)

- Personal Protective Equipment
- Emergency Protocol
- Work Plan
- 5-Step Felling Plan
- Red Flag Indicators and Wood Decay
- Lean Assessment
- Biomass Assessment
- Escape Plan
- 5-15-90 Rule
- Use of Felling Sights
- Starting Procedures
- Notch Plan
- Open Face and 45° Notch
- Bore Cutting Techniques
- Using Wedges to Create Lift
- Mechanical Advantage
- Quantifying Back Lean
- Chainsaw Maintenance

March 5

Inclement Weather Make Up Day

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