

**THE ARKANSAS LOGGER TRAINING & EDUCATION PROGRAM**  
**(ARKPRO LOGGER)**  
**Revised, October 26, 2015**

**ACTIVITY:** The purpose of the Arkansas Logger Training & Education Program is to present educational workshops for the loggers of Arkansas.

**MISSION STATEMENT:** To develop and implement a training and education program for Arkansas loggers, procurement foresters, land management foresters and others who deal with loggers and logging contractors, designed to provide instruction that will assist in achieving sustainable forestry and stewardship practices.

**HOW GOAL WILL BE MET:** Workshops will be presented on the following major subjects:

Module 1—Timber Harvesting & Transportation Safety (6 hours)

Module 2—Business Management for Logging Contractors (6 hours)

Module 3—Successful Timber Harvesting (BMPs) (4 hours)

Module 4—Environmental Considerations for Sustainable Forest Management (4 hours)

Additionally, First Aid/CPR (OSHA required) classes are offered by the AFA/ATPA in Coordination with the Arkansas Department of Labor.

**Note: Qualified Logging Professionals (Foremen/Crew Chiefs/Forestry Technicians take Modules 1, 3, and 4.**

**TRAINING FACILITIES, LOCATION, AND EQUIPMENT:** This program is designed for indoor and outdoor instruction for audiences of 40-50 participants. When possible, several sessions will be conducted simultaneously at the same location where participants can rotate from subject to subject. Volunteer discussion leaders who are skilled in the principles of adult education will present materials and facilitate active logger and employee interaction during the sessions. There will be field instruction which will include the use of various types of timber harvesting equipment and implementing Arkansas voluntary “BMPs” (Best Management Practices).

**EVALUATION PROCEDURES:** A continuous follow-up training monitoring program will be conducted to assess the effectiveness of training and provide a basis for training program improvements.

**REPORTS:** A Certificate of Completion for each training module is presented when a training module is completed. Records of completion of training will be centrally maintained to show the date and type of training completed by each participant. A “Professional Logger” or Qualified Logging Professional (QLP) diploma/certificate is presented at the end of the training course to acknowledge completion of all requirements of the “Arkansas Professional Logger Training Program.”

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**CURRICULUM**

**MODULE 1: Timber Harvesting & Transportation Safety Workshop (6 hours)**

**Objectives:**

1. To provide a basic understanding of applicable OSHA and Transportation regulations.
2. To provide an understanding of safe and unsafe work practices and an effective loss control strategy.
3. To provide an awareness of and an introduction to available safety training materials.
4. To motivate and empower logging contractors to continue the process by continuing the training of their employees.

**Participants:** Logging Contractors, Foremen, Crew Chiefs, Forestry Technicians

**Workshop Sessions:**

**Session 1:** Overview of Timber Harvesting and Transportation Safety

- Review training schedule.
- Encourage active participation.
- Encourage attendees to stay in their assigned groups.
- Discuss why the training is needed and its benefits.
- 1 Discussion Leader (DL) will provide the training for Sessions 1 and 2.

**Session 2:** General OSHA Requirements.

- The 1994 OSHA Logging Standards ([www.osha.gov/loggers](http://www.osha.gov/loggers)) are presented to attendees by using FRA's (Forest Resources Association) "The Logger's Guide to the New OSHA Logging Safety Standards" and the "OSHA Logging Safety Training" video and its companion booklet.

**Session 2(a):** Chainsaws.

- Information available in the FRA publication, “Timber Harvesting Safety Booklet” will be used. Safety guidelines for chainsaw operation as well as OSHA Safety requirements will be presented. Selected sections from FRA’s OSHA Safety Logging Safety Training” video and companion booklet will constitute the primary resource for training during the session. Major subject areas of instruction will include:
  1. General Chainsaw Safety.
  2. Felling.
  3. Limbing.
  4. Bucking.

**Session 2(b):** Machines.

- Information available in FRA’s “Timber Harvesting Safety Booklet” as well as OSHA Safety Standards will be presented. Selected sections from FRA’s “OSHA Logging Safety Training” video and companion booklet will constitute the primary resource for training during this session. Major subject areas will include:
  1. General Operation of Machine Woods Equipment, Protective Equipment and Clothing.
  2. Skidder Operation.
  3. Operation of Mechanized Felling Equipment.
  4. Operation of Mechanized Loading Equipment.

**Session 2(c):** Vehicles.

- Information available in FRA’s “Timber harvesting Safety Booklet” as well as the OSHA Safety Standards will be presented. Selected sections from FRA’s “OSHA Logging Safety Training” video and companion booklet will constitute the primary resource for training during this session. Major subject areas will include:
  1. Inspection of Vehicles.
  2. Loading.
  3. Operation and Movement.

**Session 3:** Loss Control for Professional Logging Contractors.

- FRA's "Professional Logging Contractors Loss Control Workshop Discussion Leader's Manual" and video will provide the instructional material for this session.

**Session 3a:** Loss Control for Professional Woods Workers.

- FRA "Loss Control Workshop Discussion Leader's Manual" and video will provide instructional material for this session.

**Session 4:** Record Keeping.

- OSHA training, injury, and illness record keeping requirements will be covered during this session.
- Major subject areas include:
  1. OSHA training and subsequent record keeping for logging, Hazardous Materials training (HAZMAT), Blood Borne Pathogens, hearing conservation; and Drug-Free Workplace.
- An "Arkansas Logger Safety Training and Record Keeping Manual" will provide the basis for training during this session.

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**MODULE 2: Business Management for Logging Contractors Workshop (6 hours)**

**Objectives:**

1. To encourage logging contractors, to participate in the full Logger Training & Education Program.
2. To empower and motivate logging contractors to continue the process started by the Logger Training & Education Program.
3. To create an awareness of the basic responsibilities of logging contractors as independent business persons.
4. To provide information to the contractor on ways to effectively deal with employees.
5. To provide information to the contractor on ways to successfully deal with the public.
6. To provide information on ways to effectively monitor and improve performance, especially emphasizing emerging (new) technologies.
7. To provide the logging contractor with information on basic business skills.

**Participants:** Logging Contractors and Office Managers.

**Workshop Sessions:**

**Session 1:** Overview of the Arkansas Logger Training & Education Program.

- Message given to answer the question “Why We Are Here.”
- Why the program is important to the contractor’s business.
- Overview of the workshop training schedule, Sustainable Forestry Initiative (SFI), Forest Stewardship Council (FSC) and the Logger Training & Education Program LT & E).

**Session 2:** Independent Contractor Responsibilities and Relationships.

- Antitrust.
- Fair Labor Standards.
- Business Organization Options.

- Workers' Compensation; Arkansas Workers Compensation Mechanized Logger Certification Program. (Mechanized Logging Inspections)

**Session 3:** Employer/Employee Relationships: People Skills.

- Employee Selection/Training/Retention.
- Motivation and Team Building.
- Changing Behavior.
- Hiring & Firing Do's and Don'ts.

**Session 4:** Business Financial Planning  
Tax Saving Tools

- 401-Ks.
- Retirement Plans.
- Simplified Employee Pensions.
- (Key Man) Insurance.
- Life Insurance-Investments-Disability Insurance.

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**MODULE 3: Successful Timber Harvesting Workshop BMP(4 Hours)**

**Objectives:**

1. To provide information and a practical demonstration of BMPs on a logging site.
2. To provide a practical demonstration of a harvesting plan and road/deck location on a logging site.
3. To see a practical demonstration of how logging can affect public perceptions on a logging site.
4. To understand the importance of knowing landowners' objectives on a logging site.

**Participants:** Logging Contractors, Foremen, Crew Chiefs, Forestry Technicians

**Workshop Sessions:**

**Session 1:** Overview of Successful Timber Harvesting and Transportation

- Review of objectives listed above.
- Overview of Clean Water Act and other applicable laws.
- Arkansas BMP Program.
- Materials—Arkansas Forestry Commission (AFC)-BMP Manuals Distributed

**Session 2:** Harvesting Best Management Practices.

- Overview of state Best Management Practices history.
- Demonstration of correct Best Management Practices (videos and power point presentation).

**Session 3:** Road and Deck Layout Considerations.

- The importance of proper road and deck location.
- Demonstration of proper road and deck location.

**Session 4:** Knowing Landowners Objectives.

- Discussion of conflicts arising out of not knowing landowner objectives.
- Discussion of the importance of pre-logging conferences with landowners.
- Consequences of not knowing landowners' objectives/company policies.
- Use of maps and other GIS tools.

**Session 5:** Best Management Practices (BMP Field Trip)



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**MODULE 4: Environmental Considerations for Sustainable Forest Management Workshop**  
**(4 hours)**

**Objectives:**

1. To give logging contractors a basic understanding of the American Forest & Paper Association (AF & PA).
2. To give logging contractors an understanding of the Endangered Species Act and how it can affect logging.
3. To give logging contractors an understanding of Silviculture, Ecology, and Biodiversity and explain how they impact each.
4. To provide logging contractors with knowledge of basic Forest Regeneration principles and explain how they can interact with landowners on Forest Regeneration.
5. To provide information to the employees on ways to successfully deal with the public.

**Participants:** Logging Contractors, Foremen, Crew Chiefs, Forestry Technicians

**Workshop Sessions:**

**Session 1:** Overview of Environmental Considerations for Forest Management Workshop.

- Review of objectives above.
- Review of definition of terms.
- Review of SFI and FSC program standards.
- Materials—written handouts.

**Session 2:** Sustainable Forestry Initiative (SFI) Principles.

- Review principles.
- Discussion of public perceptions.
- Discussion of landowner objectives.
- Logger Training Requirements.

- Materials—SFI handouts.

**Session 3:** Wildlife/Endangered Species/Biodiversity.

- What is the Endangered Species Act (ESA)?
- Use of ESA on the West Coast.
- Local ESA concerns and what to do when encountered.
- What is biodiversity and how does logging affect it?
- How does logging affect wildlife?
- Show North Carolina Forestry Association (NCFA) video on Endangered Species.

**Session 4:** Special Places in the Forest (SFI & FSC)

- Review of available forest regeneration materials and G-1 and G-2 Species in Arkansas.
- Where to get help (landowners and loggers); power point presentation by The Nature Conservancy (TNC).

**Session 5 :** The importance of What the Public Sees/Aesthetics.

- What are the public's concerns?
- Why should loggers be concerned about what the public thinks?
- Show FRA video on Forestry Aesthetics

**Session 6** Public Relations and Communications/Emerging (new) Technologies.

- Discuss new emerging forestry and logging technologies (John Deere Renewables Presentation).
- The logging contractor and forest activism/ATPA membership.
- Information contained in the FRA's "Loggers Activist Manual" will be used as training support material for this session, along with information from John Deere Renewables on new forest products/technology and new markets.

**END NOTE:** ARKPRO Loggers are expected to complete a minimum of six (6) hours of Continuing Logger Education (CLE) annually to remain in good standing in the Arkansas Logger Training & Education Program. CLE requirements for QLPs to be determined in 2016, but likely will also be 6 hours annually.