

## LESSON 14: First Aid and Emergency Response

- A. Recognizing an emergency
  1. Injuries
  2. Fires
  3. Exposure to toxic agents
  4. Chemical release/spill
  5. Down electric lines
  6. Entanglement or entrapment
  7. Extremely hostile worker
  8. Severe weather (tornado, lightning)
  9. Flash flooding
- B. First-aid and first response preparation
  1. Communications
  2. Posted emergency numbers
  3. Emergency action plan
  4. First-aid training
  5. Fire extinguishers
  6. Labeled circuit breakers
  7. Central meeting place
- C. First-response steps
  1. Don't put yourself at risk
  2. Shut off equipment
  3. Call 911
  4. Avoid moving victim
  5. Provide first-aid
  6. Wait for help
- D. Calling for assistance (911)
  1. Who to call
  2. Information needed by emergency services
  3. Until help arrives
  4. Why people delay calling
- E. Responding to a serious injury
  1. Call 911
  2. First-aid until help arrives
  3. Control bleeding
- F. Responding to agricultural fires
  1. Call 911
  2. Types of fires
  3. Types of extinguishers
  4. Using a fire extinguisher
- G. Responding to a chemical exposure
  1. Call 911
  2. Recognizing the symptoms
  3. First-aid until help arrives
  4. Using the label
  5. First-aid for anhydrous ammonia exposure
- H. Responding to heat stress
  1. Recognizing the symptoms
  2. Seeking medical assistance
  3. First-aid until help arrives
- I. Preventative health measures
  1. Tetanus vaccination
  2. Recognizing allergies
- J. Responding to frostbite and hypothermia
  1. Know symptoms
  2. Seek shelter
  3. Rewarm
  4. Seek medical attention
- K. Responding to confined space incident
  1. Call 911
  2. Stop – don't put yourself at risk
  3. Wait for help
  4. Turn on ventilation
- L. Responding to electrocutions
  1. Call 911
  2. Stop – don't put yourself at risk
  3. Don't touch victim or equipment
  4. Stay in vehicle if in contact with energized line

