Prescribed Prairie Burns: an Introduction

I. Goal of Prescribed Burns
   A) Part of restoration process
   B) Habitat management
      i) Whole ecosystem approach
      ii) Species or taxon specific approach

II. Preparing for the Prescribed Burn
   A) Permits
   B) Communication and Precautions
   C) Crew Preparation
   D) Burn Plan
   E) Site Preparation

III. Understanding Fire Behavior
   A) Fire triangle
   B) Fuel locations in natural areas
   C) Habitat and fuel types
D) Atmospheric conditions
   i) Stability and smoke dissipation

   ii) Relative humidity

   iii) Wind

E) Topography

IV. Conducting a Prescribed Burn

A) Fire components
   i) Head fire

   ii) Spot fires

   iii) Black line/area

B) Burning Techniques
   i) Back burning

   ii) Strip burning

   iii) Perimeter burning

C) Fire suppression
   i) Fire breaks

   ii) Wetting agents or retardants

   iii) Hand tools

D) Burn completion and clean-up

E) Post-burn reports