Lessons:

1. **Leather Fundamentals and Terminology**
    a. Tanning Process
    b. Finishing Process
        i. Examples
        ii. Application
    c. Dye – Pigment
        i. Differences
        ii. Examples
    d. Basic Care Issues
        i. pH issues
        ii. Cleaning
        iii. Conditioning

2. **Leather Repair Tools**
    a. Kit Review
        i. Chemicals
        ii. Finishes
        iii. Tools
    b. Safety considerations
        i. Electrical
        ii. Drops and rags
    c. Maintenance considerations
    d. Kit management

3. **Assessing Damage Strategies**
    a. Type of leather
    b. What is damage vs. natural characteristic
        i. If natural, should it be “repaired”
    c. Nature of damage
        i. Cuts and tears
        ii. Rubs, scuffs and abrasions
        iii. Stains
            1. food
            2. oil
            3. urine
            4. slobber or saliva - animal, child
        iv. Burns
        v. Scratches
        vi. Ink
        vii. Animal chews
        viii. Cat claws
        ix. Body oil
        x. Holes
        xi. Odor
    d. Location of damage
    e. Environment
        i. Lighting
        ii. Attitudes and expectations
    f. Set-up procedures
    g. Spill and overspray controls
    h. What is repairable – what isn’t
        i. Knowing when to walk away
    i. What is an acceptable repair
        i. Strive for perfection – be willing to accept less

ii. Remember – you didn't cause the damage
iii. Goal is to improve the visual
iv. 5 foot rule
v. Independent observer rule
vi. Full disclosure *before* you begin

j. Demonstration of a repair
i. Remember – less is best.

4. The Preparation Process

a. Checking nature and condition of finish on leather, if any
i. Delicate leather considerations
ii. Adhesion testing
iii. pH damage
iv. Body oils
v. Fading
vi. Finish oxidation
vii. Dye transfer and related conditions

b. Chemicals for Cleaning and Priming – Role for Each
i. Water
ii. Alcohol
1. Denatured
2. Isopropyl
iii. Methanol
iv. Degreaser
v. Acetone
vi. OMS
vii. Leather Cleaner
viii. Spot Remover
ix. Ink Remover
x. Conditioner
xi. PUP and Derivatives
xii. Replenishing oils

c. Sanding

5. Sub-patching

a. When is it necessary
b. Why
c. What
d. How
e. Adhesives
f. Technique

6. Fillers

a. How they work
b. When to use what
c. How to fill
d. Curing
i. Bulb
ii. Other heat source

e. Problems and pit-falls

7. About Exotics

a. Calf skin
b. Pure aniline
c. Brushed (Nubuck)
d. Suede

e. Pig skin
f. Deer
g. Ostrich
h. Others

8. Leather Finishes
a. Basic chemical composition
    i. Water base
b. Color
c. Top-coat
d. Effect of feel (hand)

9. Color Theory
a. Chroma
b. Hue
c. Value
d. Color wheel
e. ROY G BIV

10. Color Matching

11. Application Methods and techniques
a. Air brush
b. Sprayers
c. Rub technique
d. Brush
e. Curing considerations

12. Introduction to Mottled Colors
a. Basics of base and print
b. Tipped leathers
c. Interaction of two or more colors
d. Methods
    i. Stencils
    ii. Sponging
    iii. Splatter
    iv. Dusting

13. Grain matching
a. Spray grain
b. Graining tools
c. Application techniques

14. Top Coats
a. Importance of sheen
b. Protection characteristics
c. Feel modifiers
d. Coverage
e. Curing

15. Concluding the repair
a. Clean-up strategies