

Special Effects: Projection

- 1) Lensless Projection
 - a) Multiplane image projector
 - i) Smaller the filament sharper the projection
 - ii) Farther from lens = Sharper image
 - iii) Same distance from light to slide as slide to screen
 - b) Lineback
 - c) Fresnel
- 2) Lens Projection
 - a) Scenic projector
 - b) Slide projector
 - c) Video projector
 - d) Leko & Gobo or Colored Gobo
- 3) Techniques
 - a) Projection Formula
 - i) Focal length
 - ii) Projection Distance
 - iii) Image width
 - b) Keystone
 - i) Screen tilt perpendicular to CL of lens
 - ii) Preparation from opposite side (45° high photograph from 45° low)
- 4) Screens
 - a) Front Projection
 - i) reflective
 - b) Rear projection
 - i) Plastic
 - ii) Starched muslin
 - iii) 3D