

Introduction

- The quest for realism
 - Since the Greeks
 - Renaissance
 - Photography
 - Computer Graphics
- The myth of the naked eye
- Is there a perfect realism?
- Degrees of freedom of photography

Overview

- Show all the controls of photography
- Raise issues, install doubt about realism
- We will revisit these points through the class

Plan

- Snapshot
- Perspective
- Speed and aperture
- Filter
- Lighting
- Processing and Print
- Make-up
- Retouching
- Discussion

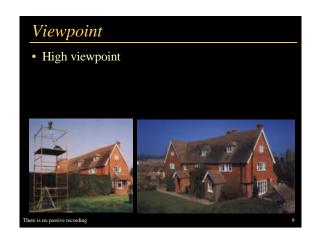
Snapshot

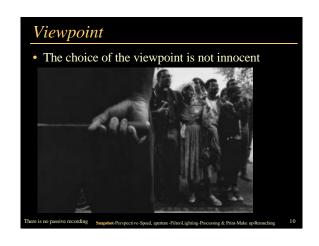
• The "decisive moment" (Cartier Bresson)

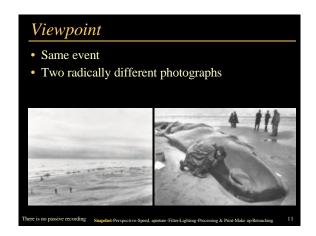














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Perspective vs. viewpoint

- Focal lens does NOT ONLY change subject size
- Same size by moving the viewpoint
- Different perspective (e.g. background)







Perspective vs. viewpoint

• Martin Scorcese, Good Fellas



Perspective vs. viewpoint

• Portrait: distortion with wide angle







Wide angle Standard Telephoto
2 is no passive recording Snapshot-Perspective-Speed, apenture-Filter-Lighting-Processing & Print-Make up-Restouching 16

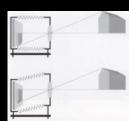
Architectural perspective

- Problem: converging verticals
- Normal since we look upwards
- But disconcerting



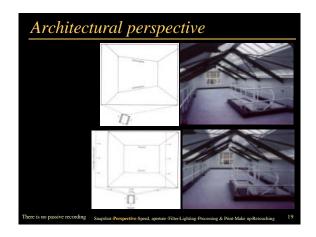
Architectural perspective

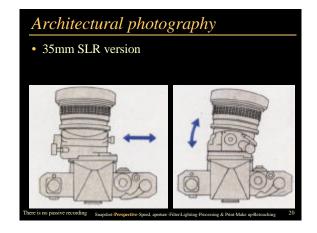
- Solution: view-camera
- Lens shifted with respect to film



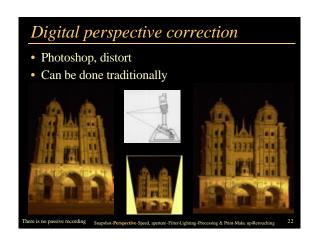


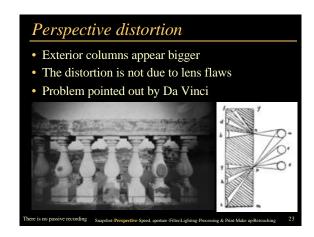
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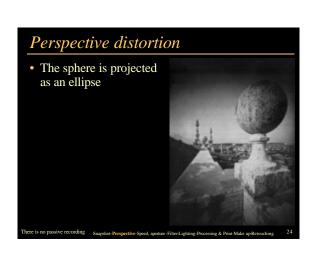


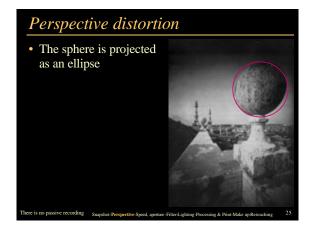


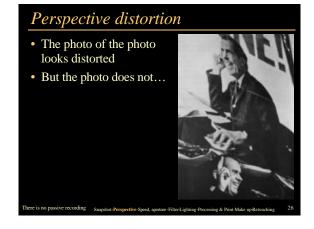






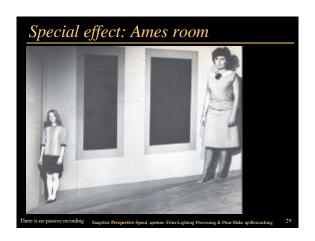


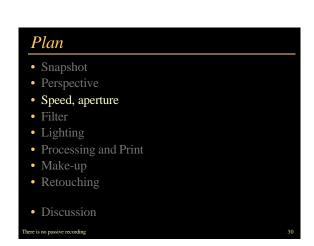


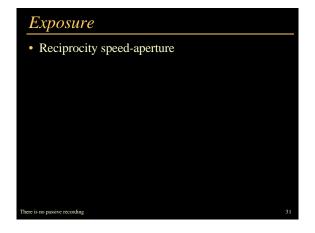






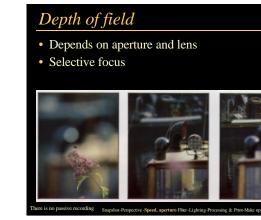




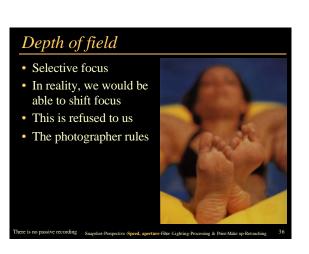












Plan

- Snapshot
- Perspective
- Speed, aperture
- Filter
- Lighting
- Processing and Print
- Make-up
- Retouching
- Diamerio

Filter

- Diffusion
- Focus the attention



There is no passive recording Snapshot-Perspective-Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching

Gradient Filter

• The sky is too bright



There is no passive recording Snapshot-Perspective -Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching

Gradient Filter

- The sky is too bright
 - Gradient filter for the top of the photo





There is no passive recording Snapshot-Perspective - Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching

Gradient Filter

- The sky is too bright
 - Gradient filter for the top of the photo
- The house is too dark





There is no passive recording Snapshot-Perspective -Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching

Gradient Filter

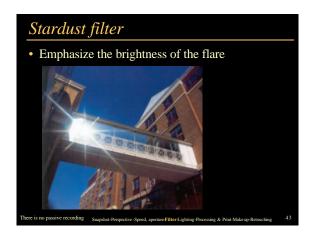
- The sky is too bright
 - Gradient filter for the top of the photo
- The house is too dark
 - Gradient filter for the bottom of the photo

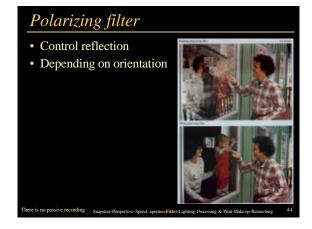


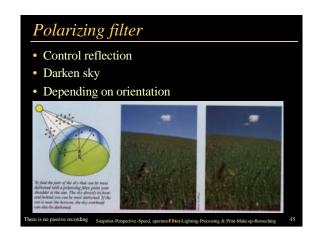




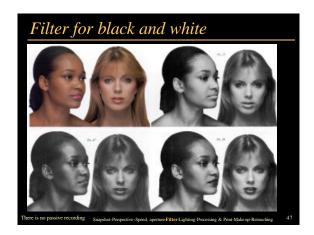
There is no passive recording Snapshot-Perspective-Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching













Photography Lighting

- Provide enough light
- Fill-in shadows
- Model the shape
- Reveal texture
- Install ambiance

There is no passive recording Spanshot-Perspective-Speed aperture-Filter-Lighting-Processing & Print-Make un-Retouching

Available light

- Not always possible
 - Not enough light
- Selection
 - Sunset, sunrise, overcast skies
- Orientation with respect to the subject

There is no passive recording Spanshot-Perspective-Speed aperture-Filter-Lighting-Processing & Print-Make un-Retouching

Time of Day

• 8 am



There is no passive recording Snapshot-Perspective - Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching

Time of Day

• 10 am



There is no passive recording Snapshot-Perspective-Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching

Time of Day

• 12:30 pm



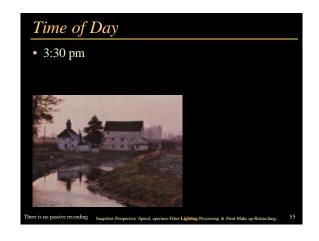
There is no passive recording Snapshot-Perspective -Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching

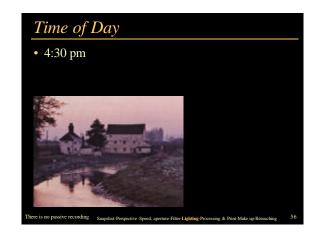
Time of Day

• 2:30 pm



There is no passive recording Snapshot-Perspective-Speed, aperture-Filter-Lighting-Processing & Print-Make up-Retouching



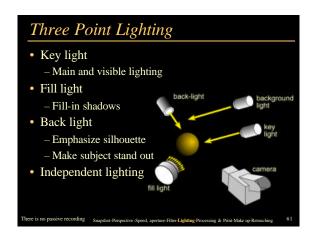






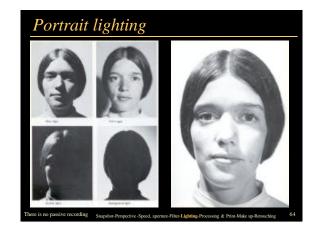




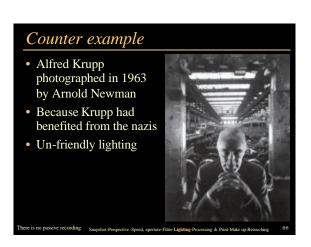




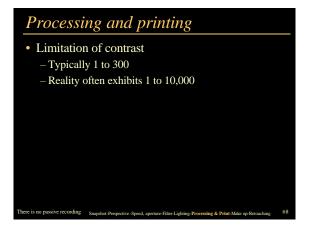


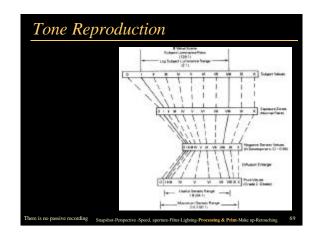


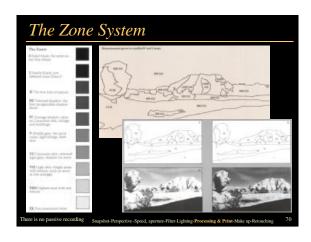


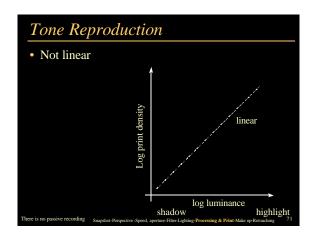


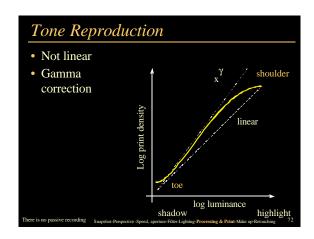
Plan Snapshot Perspective Speed, aperture Filter Lighting Processing and Print Make-up Retouching Discussion

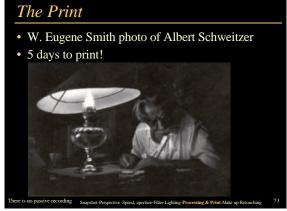


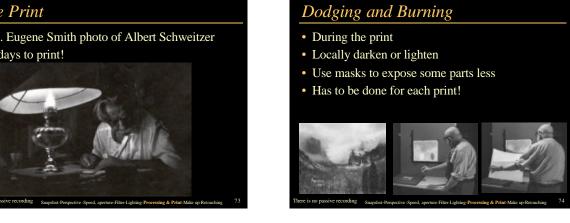


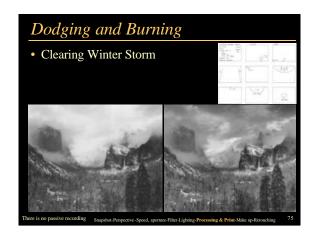


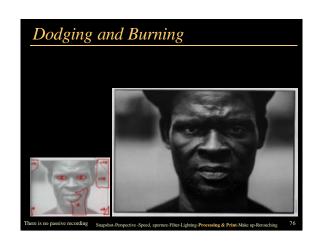


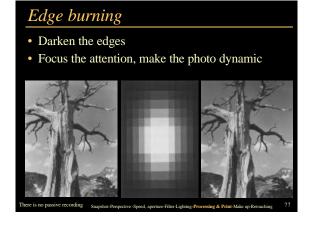


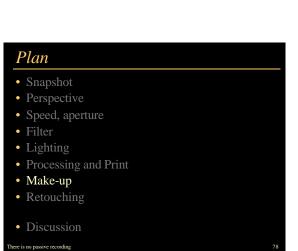








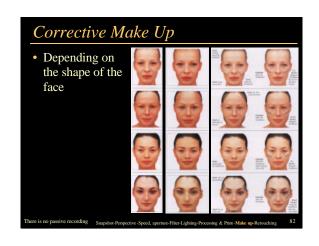


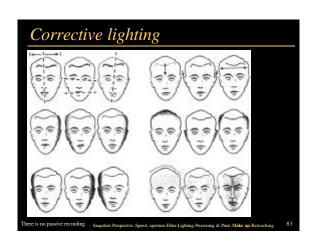


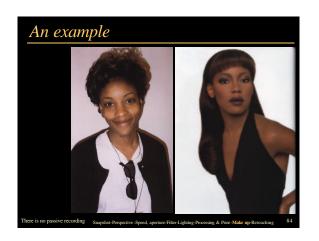


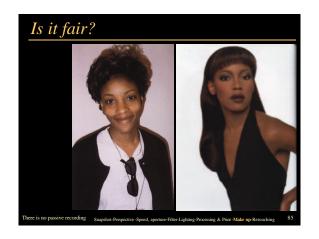


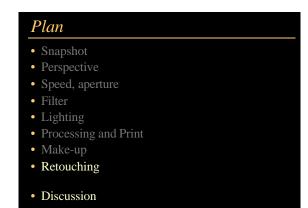


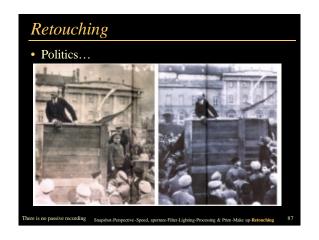


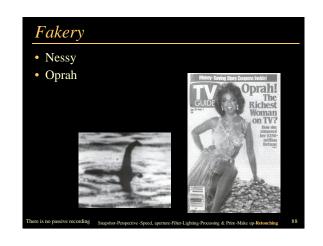






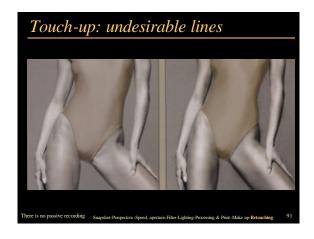






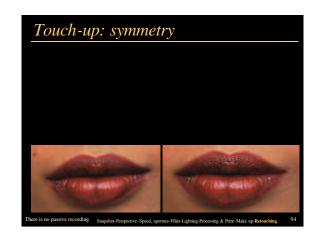


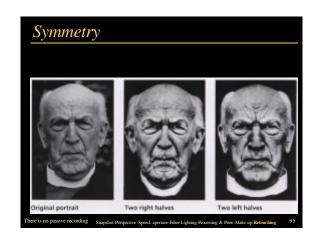


























Plan

- Speed, aperture
- Filter
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- Make-up
- Retouching
- Discussion

Discussion

• What are we trying to control?

What are we trying to control?

- Perspective, composition
 - Viewpoint
 - Lens
 - View-camera, stretch, undistort
- Tones
 - Filter
 - Lighting
 - Processing and print
 - Make-up
 - Retouch
- Selection

Discussion

- Different ways to achieve an effect
- The end justifies the means
 - The final picture is the only criterion

Assignment



