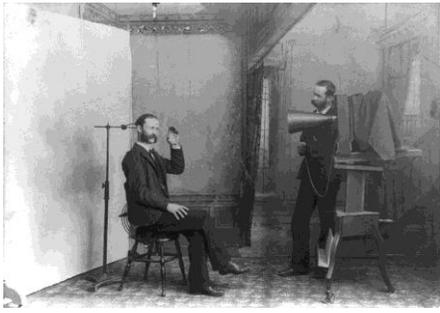


Fundamentals of the Conservation of Photographs



SESSION: Film Development

INSTRUCTOR: Dusan Stulik

SESSION OUTLINE

ABSTRACT

Understanding the basics of film development is crucial to understanding classical photographic processes. Participants in this session are asked to bring two rolls of film, one exposed and the other unexposed, to the session. Participants will learn about and practice film developing techniques and will develop their own film in the darkroom. See "assignments" section at the end of this outline for more details.

LEARNING OBJECTIVES

As a result of this session, participants should be able to:

Understand the basics of film development, including:

- Development chemistry
- Development techniques, including loading & manipulating film for developing
- Darkroom procedure
- Correlation between development techniques and the final product
- How to find more information on specific processes and materials for developing

CONTENT OUTLINE

Group lecture about developing film followed by group exercises on loading and manipulating film to prepare for darkroom work.

Participants will bring two rolls of film – one with pictures they have taken already and the other unexposed. Participants will work with instructors to create an exposure guide using the unexposed roll of



SESSION OUTLINE CONT'D.

film. Participants will then work in smaller groups, with supervision, to develop both rolls of their own film in the darkroom.

ASSIGNMENTS

Participants will purchase two rolls of Black and White film. Both rolls should be the same. ASA and brand are up to the participant (although local/national film brands are encouraged).

- Take photographs with one roll of film. Leave the second roll of film unexposed. Both rolls should be brought to the course.
- Use a MANUAL 35mm camera to photograph and if possible, bring it to the course.
- Search online to find instructions for developing your film. Many brands of film may have a website with instructions. For example, instructions for Kodak TMAX100:
<http://www.kodak.com/global/en/professional/support/techPubs/j87/j87.pdf>
- Search for more general guidelines for developing film as well - for example:
<http://www.darkroomsource.net/tech-bw-film.shtml>
- Read instructions and guidelines before the course so that you understand the basics of film development.
- Bring you two rolls of film to the course. If you have developing equipment, please bring a "film reel" and "small developing tank" to the course if you have either of these.

BIBLIOGRAPHY

 = Essential reading material

 = Available online

 Hughes, Andrew. 2007. Developing your own black and white film. *Darkroom Source*.

<http://www.darkroomsource.net/tech-bw-film.shtml>

 1999. Kodak Professional T-Max 100 Direct Positive Film Developing Outfit. *Eastman Kodak Company*.

<http://www.kodak.com/global/en/professional/support/techPubs/j87/j87.pdf>

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