Teaching

Materials for teaching courses at Virginia Tech.

Sensation & Perception (PSYC 4074)

(“L2” stands for “Lecture 2” etc.)

L2 Optics and the Eye

Videos

Links to videos shown in the lecture:

The Nature of Light

http://archive.org/details/1005_Nature_of_Light_The_09_58_53_15

Start at about 5' 00“ for image formation in cameras.

How the Eye Works

http://archive.org/details/HowtheEy1941

START VIDEO at about 4:30 to get good convergence of rays on fovea part.

END about 7:00, where convergence section begins (although that's great, too).

PUPIL opening and closing animation: about 10:00.

How You See It

http://archive.org/details/HowYouSe1936

1:15 Illustration (of a Chevy car) showing that image on retina is upside down, but brain perceives it upright.

Dissection of the Eye

http://archive.org/details/0055-0000-7117-0000-0-0000-0000-0

LENS: about 5:20 start.

About 5:35, lens cut out with scissors!

Behind the Lens

http://archive.org/details/Behindth1940

Title shown at beginning of film (about 0' 15”):

“A CAMERA GOES TO COLLEGE”

It's wearing a mortarboard.

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