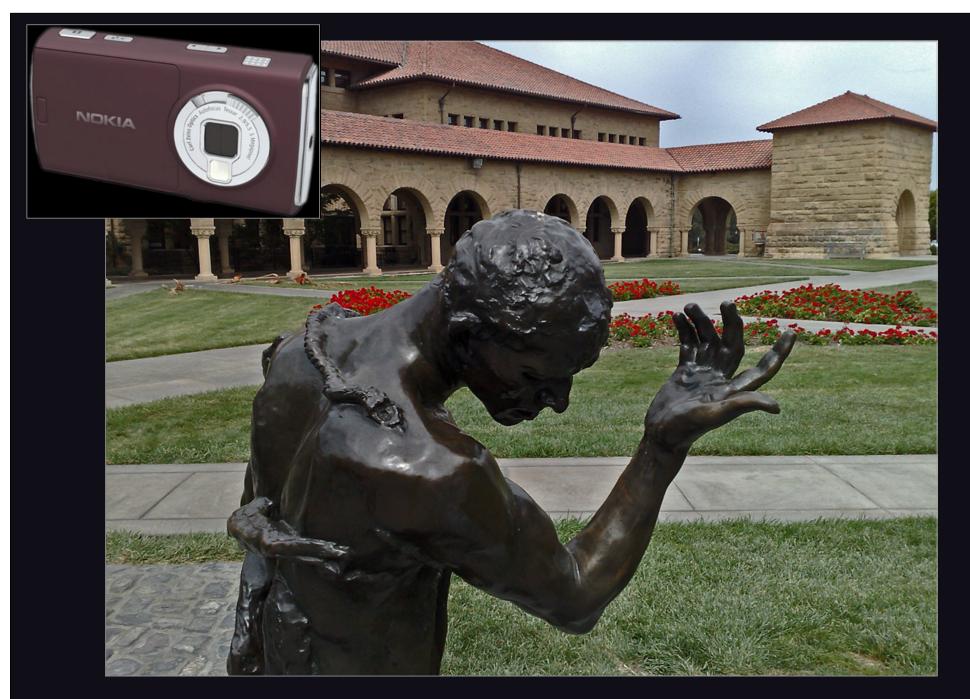
Choosing a camera

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Having an SLR is neither necessary nor sufficient for taking good photographs.

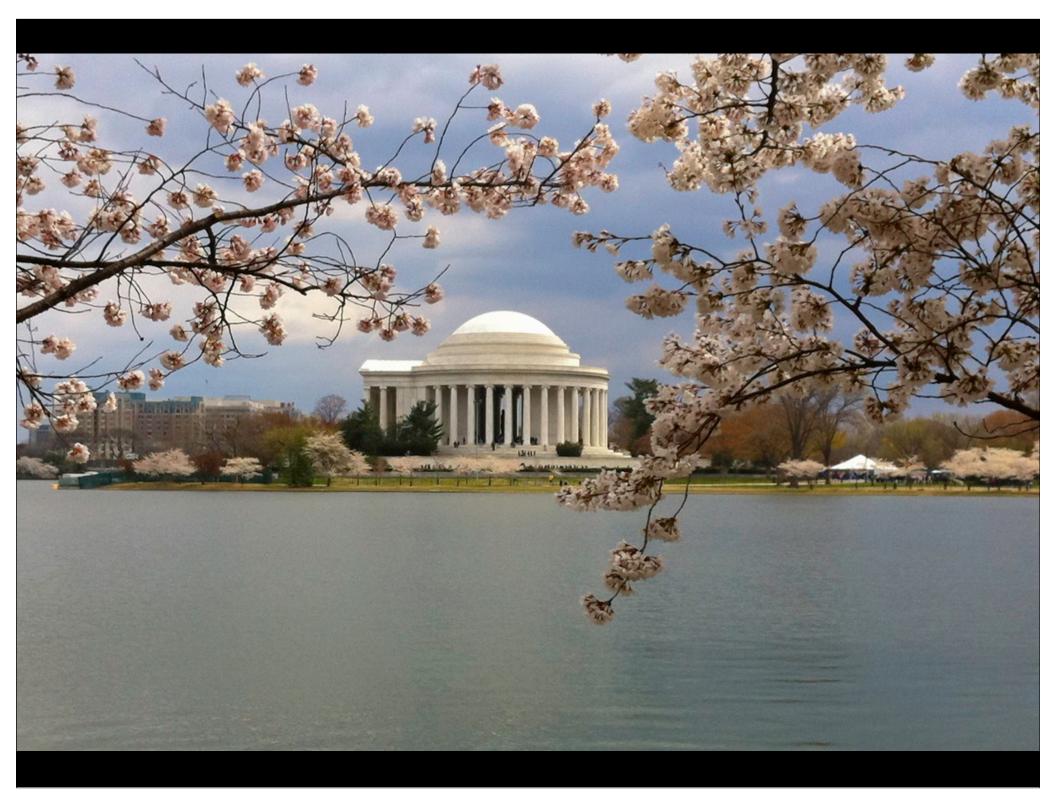


unretouched pictures from Nokia N95 (5 megapixels, Zeiss lens, auto-focus)

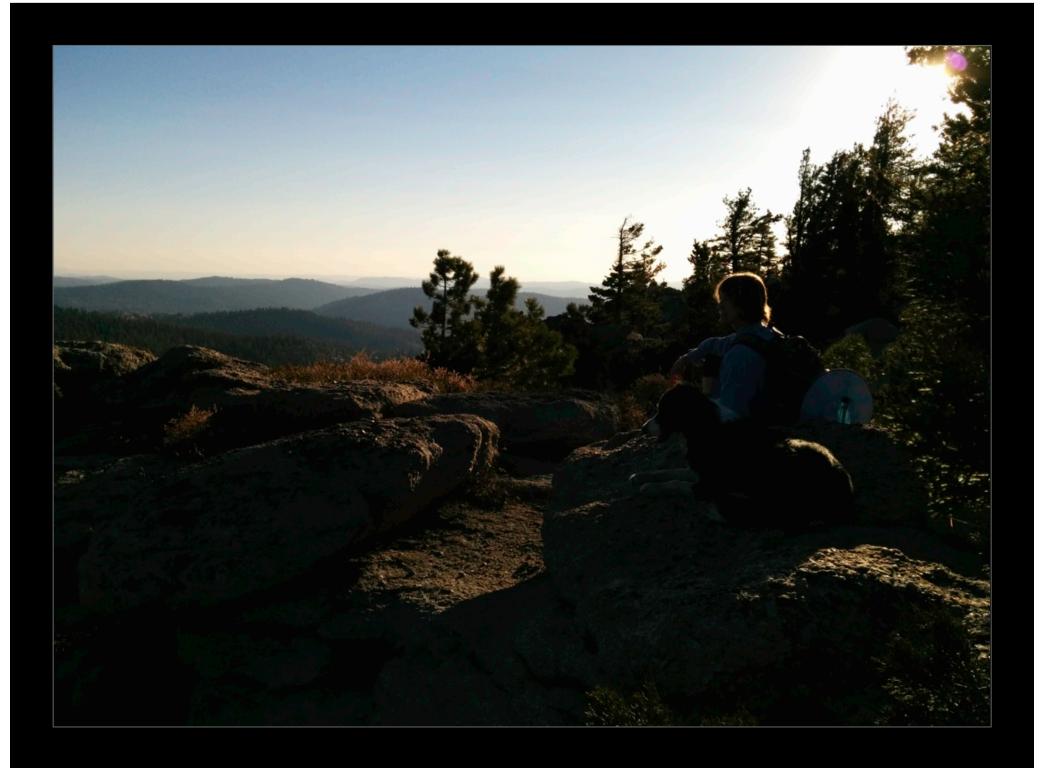


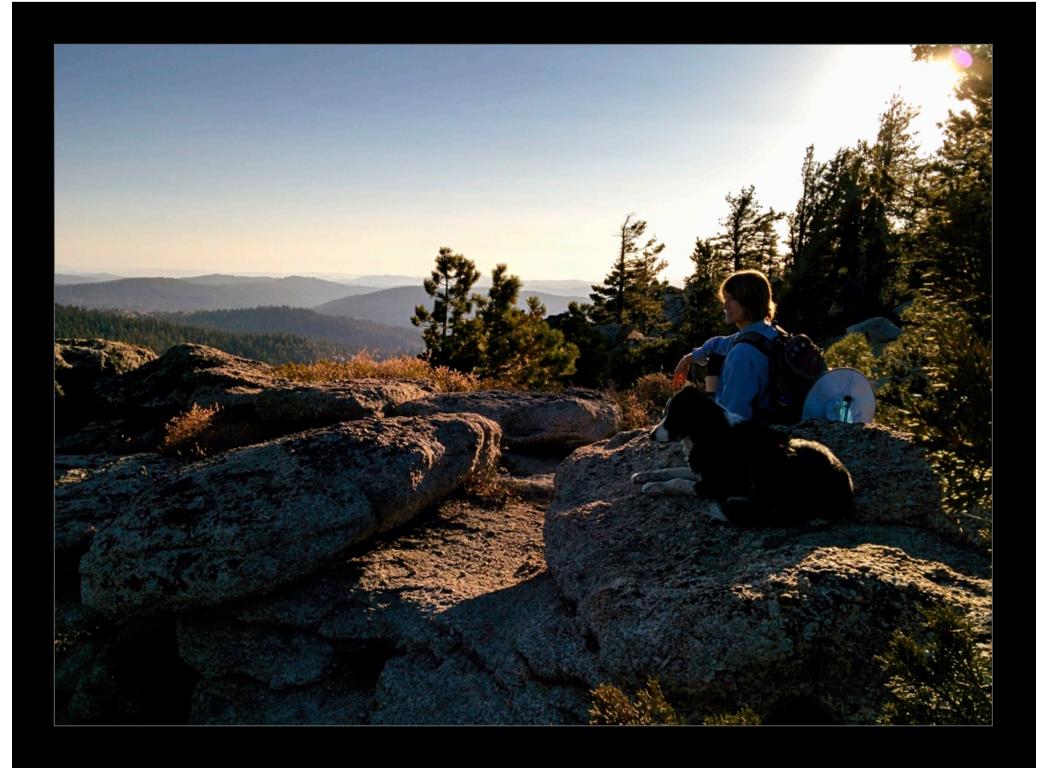












Choosing a camera

- for this course, need manual control over shutter and aperture
- if you have the money, get an SLR,
 not a point-and-shoot (micro-four-thirds is fine)
 - larger sensor = less noise, especially in low light
 - larger aperture = more control over depth of field
- → don't worry about
 - megapixels most cameras have too many
 - brand any major brand is good enough
 - body inexpensive ones are fine (and lighter)
- worry about lenses
 - variable-zooms are convenient but the quality varies
 - avoid large focal ranges (18-250mm) they're often "soft"
 - maximum aperture (lowest f/stop) matters

Extra goodies

- → 50mm f/1.8 "fast" "prime" lens for low-light work
- tripod
 - sturdy is good, but heavy to carry
 - look at mini-tripods, flexible tripods, etc.
- + flash

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- external flash aimed at ceiling takes <u>much</u> better pictures than a built-in flash aimed at the subject
- → video capability
- + CS 178 loaner cameras are
 - Olympus PEN E-P3 (micro-four-thirds format)
 - Nikon D40 (or D3000/3100) with 18-55mm f/3.5-5.6 (28-88mm equiv.)
- + count on ≥ \$500 for SLR + standard zoom + tripod

Resources

http://dpreview.com

(these examples are obsolete)

Popular interchangeable lens cameras						
Top 10: Re	views and specs	Top 10: Galleries	Top 10: Challer	nges		
Cameras and lenses receiving the most views in reviews, previews, news and product database pages in the last 120 hours (5 days). There have been 773,654 views in the last 120 hours.						
	Nikon D7100		6.3%			
	Sony Alpha NEX-6	5	5.9%			
	Canon EOS 6D		4.2%			
	Canon EOS 100D	(EOS Rebel SL1)	3.5%			
	Canon EOS 700D	(EOS Rebel T5i)	3.4%			
	Nikon D600		3.1%			
	Fujifilm X-E1		3.0%			
	Olympus OM-D E-	M5	2.5%			

Popular compact cameras							
Top 10: Reviews and specs Top 10: Galleries		Top 10: Challenges					
Cameras and lenses receiving the most views in reviews, previews, news and product database pages in the last 120 hours (5 days). There have been 386,606 views in the last 120 hours.							
O.	Fujifilm X100S		10.1%				
(8)	Sony Cyber-shot	DSC-RX100	6.8%				
	Sony Cyber-shot	DSC-RX1	4.5%				
	Canon PowerSho	ot G15	4.2%				
	Fujifilm X20		4.2%				
	Panasonic Lumix	DMC-FZ200	3.7%				
	Nikon Coolpix A		3.5%				
	Canon PowerSho	ot SX50 HS	3.4%	_			

Resources

- http://dpreview.com
- ♦ http://www.the-digital-picture.com
- ♦ http://www.steves-digicams.com
- ♦ http://www.luminous-landscape.com
- ♦ http://www.kenrockwell.com