Mid-quarter pep talk

CS 178, Spring 2009

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Stanford University
The midterm

- the median was 75% (score of 102), which is about right
- 85% of you scored higher than 1 standard deviation below the mean
- grades will be curved to 40/50/10% A/B/C’s (standard in the SoE)
- nobody fails my courses who are evidently trying to do well
The lectures

- people want practice questions on lecture material, to help them prepare for exams

- assignments #7-9 will include a mix of photographic requirements and technical questions (too late for #6)
  - submit your answers via Google Docs (details later)

- week 10 sections (June 1-4) will be devoted entirely to review of technical material for the final exam

- no lecture Thursday, June 4 (oops)
The assignments

- people generally like them
- people want more feedback on their photos
- people want more Photoshop tutorials

- replacing week 8 sections (May 18-21, night photography walkabout) with a lab session
  - critique of photographs
  - 2nd Photoshop tutorial
  - Jesse may offer optional night photography sessions

- remember that you can augment your past assignments
  - up to 5 additional photographs
Changes in syllabus

- to make these changes work, we’re swapping the topics of weeks 8 and 9 (lighting & portraits)

<table>
<thead>
<tr>
<th>week 7</th>
<th>week 8</th>
<th>week 9</th>
<th>week 10</th>
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<tbody>
<tr>
<td><strong>Color and lighting</strong></td>
<td><strong>Image processing</strong></td>
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<tr>
<td><strong>Tue May 12</strong></td>
<td><strong>Tue May 19</strong></td>
<td><strong>Tue May 26</strong></td>
<td>** Tue June 2**</td>
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<tr>
<td>Color theory</td>
<td>Light and reflection</td>
<td>Image editing</td>
<td>Image collections</td>
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<td>color sensitivity, color matching, 3D color spaces, chromaticity diagrams, additive &amp; subtractive color</td>
<td>radiometry &amp; photometry, diffuse &amp; specular reflection, BRDFs, scattering, atmospheric perspective</td>
<td>contrast &amp; histograms, cloning &amp; healing, selection, masks, layers, Photoshop filters</td>
<td>panoramic stitching, matte extraction &amp; compositing, image completion &amp; image-based rendering</td>
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<td>Assignment #6 - landscape and nature (due Sunday, May 17, 11:59pm)</td>
<td>Assignment #7 - low-light &amp; night (due Sunday, May 24, 11:59pm)</td>
<td>Assignment #8 - portraiture (due Sunday, May 31, 11:59pm)</td>
<td>Assignment #9 - nonrealistic imaging (due Sunday, June 7, 11:59pm)</td>
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<td><strong>Thu May 14</strong></td>
<td><strong>Thu May 21</strong></td>
<td><strong>Thu May 28</strong></td>
<td><strong>Thu June 4</strong></td>
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<tr>
<td>Color photography</td>
<td>Photographic lighting</td>
<td>Files and formats</td>
<td>(no lecture)</td>
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<td>temporal versus spatial multiplexing, Bayer mosaics, demosaicing, white balancing</td>
<td>studio lighting, key &amp; fill, flash, guide numbers, synchronization, flash-reflect &amp; multi-flash</td>
<td>file formats, RAW processing, compression, TIF &amp; JPEG, color spaces &amp; management</td>
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<td><strong>Assignments</strong></td>
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**Final exam, 7-10pm, place TBA**