<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Reading</th>
<th>Assignment/Other</th>
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<tbody>
<tr>
<td>Jan 19</td>
<td>Introduction to Daylighting</td>
<td>1. Baker &amp; Steemers, Daylight design of buildings, intro &amp; chp. 1: the role of light in architecture</td>
<td>Case study assignment</td>
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| Jan 26*  | Fundamentals of Illumination; daylight as a source; light measurement (NOTE: need to re-schedule, MDK in LV Performing Arts Center Architect reviews) | 1. Ander, Chp 1: Fundamentals of daylighting (textbook)  
2. Ander, Chp 2: Occupant productivity and performance (textbook) |                           |
| Feb 02   | Climate and Daylighting                         | 1. Hopkinson & others. Chp. 21 Daylight and sunlight in tropical regions; Daylighting. [note: a “classic” source]  
2. Etzion, Y. A bio-climatic approach to desert architecture [note: a “classic” source]  
4. Ander, Chp 3: Glazing properties |                           |
| Feb 09   | Sustainable design                              | 1. Ternoey, S. E. Cooling daylighting is the cornerstone strategy to green buildings [note: a “classic” source]  
2. Guzowski, M. Chp. 4: shape form to guide flow; daylighting for sustainable design |                           |
| Feb 16   | Physical models & computer simulation           | 1. Ander, G. Chp 3: Daylighting tools; Daylighting performance and design |                           |
| Feb 23   | Case study presentations                        | 1. Sign up for order of presentations! | Student presentations     |
| Mar 02*  | Modifiers for daylight (NOTE: need to re-schedule, MDK at Florida Solar Energy Center) | 1. Lam, W.M.C. Chp. 5: planning for sunlighting – concepts; sunlighting as a formgiver for architecture  
2. Olgyay & Olgyay. Chp. 1: Theoretical considerations; solar control and shading devices. [note: a “classic” source]  
4. Ander, Chp 3: Glazing properties |                           |
| Mar 16*  | Design strategies – sidelighting (windows & clearstories) (NOTE: need to re-schedule, MDK in LV Performing Arts Center Architect reviews) | 1. LBNL-39945 Tips for daylighting with windows: the integrated approach [note: a “classic” source]  
| Mar 23   | Calculation methods I: Sidelighting              | 1. Moore, F. Chp. 16: Illuminance calculations; concepts & practices of architectural daylighting  
2. Robbins, C. Chps:8-10: Lumen Input method, DF method, Flux Transfer method (review) | Site study assignment     |
| Mar 30   | Design strategies – Skylights                   | 1. Moore, F. Chp. 10: design strategies; concepts & practices of architectural daylighting  
2. Skylight handbook – web reference to be confirmed | Design guide assignment    |
| Apr 06   | Site study presentations                        | 1. Sign up for order of presentations! | Student presentations     |
| Apr 13   | Calculation methods II: Skylighting              | 1. Ander, Chp 5: Daylighting design tools (textbook)  
2. TBA |                           |
| Apr 20   | Design strategies – top lighting (roof monitors, sunscops, light scoops, atria) | 1. Lam, W.M.C. Chp. 7: Toplighting: strategies, techniques, devices, and forms  
2. Ander, Chp 6: Case studies (textbook) |                           |
| Apr 27   | Calculation methods III                         | 3. Ander, Chp 5: Daylighting design tools (textbook) |                           |
| May 04   | Integrating Artificial and Electric lighting    | 1. Ander, Chp 4: Integration with electric lighting (textbook) |                           |
Natural lighting; control systems

Exam Day, May 11, 10:10 am

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<thead>
<tr>
<th>Design guide presentations</th>
<th>1. Sign up for order of presentations!</th>
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<tr>
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<td>2. Verify actual time schedule for May 11th</td>
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Student presentations

**Note:** Items with url should be printed from the web.

**Books:**


