### Astronomy 110 -- Section 6348 -- TTh 2:00 – 3:45 P.M. -- Tentative Schedule

This schedule will be changed if some topics may take more or less time than planned.

**Exams could be one week earlier or later than listed.**

<table>
<thead>
<tr>
<th>Week</th>
<th>Monday</th>
<th>Topic (not necessarily the chapter heading)</th>
<th>Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/26</td>
<td>Phenomena of the Earth, Moon, and Sun</td>
<td>Ch. 1</td>
</tr>
<tr>
<td>2</td>
<td>2/2</td>
<td>Phenomena (continued)</td>
<td>Ch. 1 (cont.)</td>
</tr>
<tr>
<td>3</td>
<td>2/9</td>
<td>History, Gravity, and the Solar System</td>
<td>Ch. 2</td>
</tr>
</tbody>
</table>
| 4    | 2/16   | History, Gravity, and the Solar System (continued)  
Light and Telescopes | Ch. 2 (cont.)  
Ch. 3 |
| 5    | 2/23   | Light and Telescopes (continued)  
Doppler Shift | Ch. 3 (cont.)  
Ch. 4-7 |
| 6    | 3/2    | Telescopes  
Formation of the Solar System  
**Exam (could be one week earlier or later)** | Ch. 3 (cont.)  
Ch. 5 and Ch. 9-1 to 9-11 |
| 7    | 3/9    | Formation of the Solar System (continued)   | Ch. 5 (cont.) |
| 8    | 3/16   | Extra-solar planets  
Moon  
Asteroids and Comet Collisions | Ch. 5-11 to end  
Ch. 6-5 to 6-7  
Ch. 9-12 & 9-13 |
|      | 3/23   | Spring Break (no classes)                   |         |
| 9    | 3/30   | The Origin of Light and Atomic Physics  
The Four Fundamental Forces | Ch. 4  
4-5 & 18-6 |
| 10   | 4/6    | The Origin of Light and Atomic Physics (continued)  
The Sun and Nuclear Reactions | Ch. 4 (cont.)  
Ch. 10 (can skip sect. 10-4 through 10-6) |
| 11   | 4/13   | The Sun and Nuclear Reactions (continued)  
**Exam (could be one week earlier or later)** | Ch. 10 (cont.) |
| 12   | 4/20   | Characterizing Stars                        | Ch. 11  |
| 13   | 4/27   | Stellar Lives (Evolution)                  | Ch. 12 (Cepheid variables sect. 12-12 and 12-13 can be read with Ch.16)  
Ch 13-1 to 13-4  
Ch. 13-5 to end. |
| 14   | 5/4    | General Relativity and Black Holes  
**Exam (could be one week earlier or later)** | Ch. 14 (can skip 14-9 to end) |
| 15   | 5/11   | The Nature of the Milky Way Galaxy  
Galaxy Formation  
The Milky Way Galaxy  
Galaxies and the Distance Scale of the Universe | Ch. 15-1 & 15-2  
18-11 & 18-12  
Ch. 15  
Ch. 16 & Ch. 17-4 |
| 16   | 5/18   | Cosmology                                   | Ch. 18  |

Most of the appendices will be very useful!

**Expect quizzes on weeks without tests. Exams could be one week earlier or later than listed.**