LIFE 210 SCHEDULE: FALL 2018

Questions **Surveys** are due at **6 PM** and **Quizzes** are due at **2 PM** Mountain Time on the due date.

<table>
<thead>
<tr>
<th>Week (Dates)</th>
<th>Module #: Module Name</th>
<th>Lectures</th>
<th>Assignments Due</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (Aug. 20 – Aug. 24)</td>
<td>1: Course Introduction/overview: Key Concepts Anticancer Drug Development</td>
<td>L1 – L3</td>
<td>Module 1 Questions Survey Module 1 Quiz</td>
<td>Sun, Aug 26 Mon, Aug 27</td>
</tr>
<tr>
<td>4 (Sept. 10 – Sept. 14)</td>
<td>4: Proteins: Composition and Structure Protein structure Learning Activity</td>
<td>L9 – L10</td>
<td>WTL Assignment 1 Prompts 1-3 Protein LA Pre-Homework Protein LA Post-Homework</td>
<td>Mon, Sept 10 Wed, Sept 12 Mon, Sept 17</td>
</tr>
<tr>
<td><strong>Sept. 14</strong></td>
<td><strong>Exam 1 – Modules 1-3, Lectures 1-8</strong></td>
<td><strong>Exam 1</strong></td>
<td></td>
<td>Fri, Sept 14</td>
</tr>
<tr>
<td>6 (Sept. 24 – Sept. 28)</td>
<td>6: Membrane Composition and Assembly Transmembrane Diffusion and Transport</td>
<td>L14 – L16</td>
<td>WTL Assignment 1 Essay Module 6 Questions Survey Module 6 Quiz</td>
<td>Mon, Sept 24 Sun, Sept 30 Mon, Oct 1</td>
</tr>
<tr>
<td><strong>Oct. 5</strong></td>
<td><strong>Exam 2 – Modules 4-6, Lectures 9-16</strong></td>
<td><strong>Exam 2</strong></td>
<td></td>
<td>Fri, Oct 5</td>
</tr>
<tr>
<td>8 (Oct. 8 – Oct. 12)</td>
<td>8: Cell Compartmentalization Protein Trafficking in the Cell Nuclear-Cytoplasmic Trafficking</td>
<td>L19 – L21</td>
<td>Module 7&amp;8 Questions Survey Module 7&amp;8 Quiz</td>
<td>Sun, Oct 14 Mon, Oct 15</td>
</tr>
<tr>
<td>Date</td>
<td>Activity</td>
<td>Assignments</td>
<td>Dates</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>----------------</td>
<td></td>
</tr>
</tbody>
</table>
| 9 (Oct. 15 – Oct. 19) | 9: Nuclear-Cytoplasmic Trafficking Learning Activity  
Metabolic Changes in Cancer Cells  
Overview of Cell Metabolism | L22 – L24  
WTL Assignment 2 Prompts 1-3  
N-C LA Pre-Homework  
N-C LA Post-Homework  
Module 9 Questions Survey  
Module 9 Quiz | Mon, Oct 15  
Mon, Oct 15  
Wed, Oct 17  
Sun, Oct 21  
Mon, Oct 22 |
| 10 (Oct. 22 – Oct. 26) | 10: Overview of Cell Metabolism Learning Activity  
Cell Signaling Changes in Cancer Cells | L25 – L26  
WTL Assignment 2 Peer Feedback  
Metabolism LA Pre-Homework  
Metabolism LA Post-Homework | Mon, Oct 22  
Mon, Oct 22  
Wed, Oct 24 |
| Oct 26     | Exam 3 – Modules 7-9, Lectures 17-24                                       | Exam 3                                                                         | Fri, Oct 26    |
| 11 (Oct. 29 – Nov. 2) | 11: Principles of Cell Signaling  
G Protein Receptor Signaling  
Enzyme Linked Receptor Signaling, Cross-talk, etc. | L27 – L29  
WTL Assignment 2 Essay  
Module 10&11 Questions Survey  
Module 10&11 Quiz | Mon, Oct 29  
Sun, Nov 4  
Mon, Nov 5    |
| 12 (Nov. 5 – Nov. 9) | 12: Cell Mobility in Cancer Cells  
Molecular Dynamics of the Cytoskeleton  
Regulation of Cytoskeletal Dynamics | L30 – L32  
Module 12 Questions Survey  
Module 12 Quiz | Sun, Nov 11  
Mon, Nov 12  |
| Nov. 16    | Exam 4 – Modules 10-12, Lectures 25-32                                     | Exam 4                                                                        | Fri, Nov 16    |
| Nov. 19- Nov. 23 | Fall Break                                                                | None                                                                         |                |
| 14 (Nov. 26 – Nov. 30) | 14: Cell Cycle and Growth Control in Cancer Cells  
Cell Cycle Overview  
Cell Cycle Control and Regulation | L35 – L37  
WTL Assignment 3 Prompts 1-3  
Module 13&14 Questions Survey  
Module 13&1414 Quiz | Mon, Nov 26  
Sun, Dec 2  
Mon, Dec 3    |
| 15 (Dec. 3 – Dec. 7) | 15: Programmed Cell Death and Replicative Senescence  
Summary of Changes in Cancer Cells  
Eukaryotic Cell Biology Summary and Review | L38 – L40  
WTL Assignment 3 Peer Feedback  
Cell Cycle LA pre-Homework  
Cell Cycle LA post-Homework  
Module 15 Questions Survey  
Module 15 Quiz | Mon, Dec 3  
Mon, Dec 3  
Wed, Dec 5  
Sun, Dec 9  
Mon, Dec 10  |
Exam 5                                                                      | Mon, Dec 10  
Thurs, Dec 13 7:30 - 9:30 AM |