

## COURSE SYLLABUS – SEE CANVAS FOR DETAILS AND LINKS

#	DATE	TOPIC	PRE-LECTURE READING LODISH ET AL., 8 <sup>TH</sup> EDITION	HOMEWORK	QUIZZES
0	Thursday 9/23	Cell Biology Overview & Methods	Chapters 1 & 4 (8 <sup>th</sup> )	Problem Set 1 <i>Lecture 0</i> <b>Due by Sections 9/27 &amp; 9/29</b>	QUIZ 0 Just for Practice!
1A	Tuesday 9/28	Biomembranes & Membrane Transport	Chapters 7 & 11 (8 <sup>th</sup> )	1A & 1B Reading; Canvas Preview, Practice Question	
1B	Thursday 9/30	More Membrane Transport	Chapter 11 (8 <sup>th</sup> )	Problem Set 2 <i>Lectures 1A-1B</i> <b>Due by Sections 10/4 &amp; 10/6</b>	
2A	Tuesday 10/5	Mitochondrial & Nuclear protein targeting	Chapter 13 (8 <sup>th</sup> )	2A & 2B Reading; Canvas Preview, Practice Question	
2B	Thursday 10/7	Endoplasmic Reticulum protein targeting	Chapter 13 (8 <sup>th</sup> )	Problem Set 3 <i>Lectures 2A-2B</i> <b>Due by Sections 10/11 &amp; 10/13</b>	QUIZ 1 <i>Lectures 0-1B</i> <b>Available 10/8-10/9</b>
3A	Tuesday 10/12	Intro to Vesicular Transport & Secretion	Chapter 14 (8 <sup>th</sup> )	3A & 3B Reading; Canvas Preview, Practice Question	
3B	Thursday 10/14	Endocytosis & Autophagy	Chapter 14 (8 <sup>th</sup> )	Problem Set 4 <i>Lectures 3A-3B, 4A</i> <b>Due in Sections 10/18 &amp; 10/20</b>	
4A	Tuesday 10/19	Membrane Trafficking Review		4A & 4B Reading; Canvas Preview, Practice Question	
4B	Thursday 10/21	Signal Transduction I: Overview & Methods	Chapter 15 (8 <sup>th</sup> )	Problem Set 5 <i>Lecture 4B</i> <b>Due in Sections 10/25 &amp; 10/27</b>	QUIZ 2 <i>Lecture 2A-4A</i> <b>Available 10/22-10/23</b>
5A	Tuesday 10/26	Signal Transduction II: Short-term responses	Chapter 15 (8 <sup>th</sup> )	5A & 5B Reading; Canvas Preview, Practice Question	

5B	Thursday 10/28	Signal Transduction III: Long-term responses	Chapter 16 (8 <sup>th</sup> )	Problem Set 6 <i>Lecture 5A-5B, 6A</i> <b>Due in Sections 11/1 &amp; 11/3</b>	
6A	Tuesday 11/2	Signaling Review		6A & 6B Reading; Canvas Preview, Practice Question	
6B	Thursday 11/4	Actin Cytoskeleton	Chapter 17 (8 <sup>th</sup> )	Problem Set 7 <i>Lecture 6B</i> <b>Due in Sections 11/8 &amp; 11/10</b>	<b>QUIZ 3</b> <i>Lecture 4B-5B</i> <b>Available 11/5- 11/6</b>
7A	Tuesday 11/9	Microtubule Cytoskeleton	Chapter 18 (8 <sup>th</sup> )	7A Reading; Canvas Preview, Practice Question	
	Thursday 11/11	<b>NO CLASS</b> <b>Veterans Day</b>		Problem Set 8 <i>Lecture 7A-7B, 8A</i> <b>Due in Sections 11/15-11/17</b>	
8A	Tuesday 11/16	Motors	Chapters 17 & 18 (8 <sup>th</sup> )	8A & 8B Reading; Canvas Preview, Practice Question	
8B	Thursday 11/18	Cytoskeleton Review	Chapter 19 (8 <sup>th</sup> )	Problem Set 9 <i>Lecture 8B</i> <b>Due in Sections 11/22 &amp; 11/24</b>	<b>QUIZ 4</b> <i>Lecture 6B,7A,8A</i> <b>Available 11/19-11/20</b>
9A	Tuesday 11/23	Mitosis & Cell Cycle <b>Guest Lecturer</b>	Chapter 19 (8 <sup>th</sup> )	9A Reading; Canvas Preview, Practice Question	
	Thursday 11/25	<b>NO CLASS</b> <b>Thanksgiving</b>		Problem Set 10 <i>Lecture 9A, 10A</i> <b>Due in Sections 11/29 &amp; 12/1</b>	
10A	Tuesday 11/30	Cell Cycle & Cancer	Chapter 24 (8 <sup>th</sup> ) optional text	10A Canvas Preview, Practice Question	
10B	Thursday 12/2	Course catch-up / Cell Biology Review		<b>EXTRA CREDIT:</b> Make and share an explanatory video	

We did it!!

**QUIZ 5**  
*Lecture 9A, 10A,*  
*Comprehensive*  
**Open W 12/8-**  
**Th 12/9**