

COURSE SYLLABUS – SEE CANVAS FOR DETAILS AND LINKS

#	DATE	TOPIC	PRE-LECTURE READING LODISH ET AL., 9 TH EDITION	HOMEWORK
0	Thursday 9/22	Cell Biology Overview & Methods	Chapters 1 & 4	Problem Set-1 <i>Due by Week 1 Section</i> Canvas Questions <i>for Practice</i>
1A	Tuesday 9/27	Biomembranes	Chapters 10 & 11	1A & 1B Reading; Canvas Questions-1 <i>Due Fri 9/30</i>
1B	Thursday 9/29	Membrane Transport	Chapter 11	Problem Set-2 <i>Due by Week 2 Section</i>
2A	Tuesday 10/4	Mitochondrial & Nuclear protein targeting	Chapter 13	2A & 2B Reading; Canvas Questions-2 <i>Due Fri 10/7</i>
2B	Thursday 10/6	Endoplasmic Reticulum protein targeting	Chapter 13	Problem Set-3 <i>Due by Week 3 Section</i>
3A	Tuesday 10/11	QUIZ 1 REVIEW: Membranes, Transport & Targeting		
3B	Thursday 10/13	QUIZ 1 in class		Optional Canvas Questions-3 = QUIZ-1 Extra Credit <i>Due Fri 10/14</i>
4A	Tuesday 10/18	Intro Vesicular Transport & ER-Golgi to Secretion	Chapter 14	4A & 4B Reading; Canvas Questions-4 <i>Due Fri 10/21</i>
4B	Thursday 10/20	Endocytosis & Autophagy	Chapter 14	Problem Set-4 <i>Due by Week 5 Section</i>
5A	Tuesday 10/25	Signal Transduction I: Overview & Methods	Chapter 15	5A & 5B Reading; Canvas Questions-5 <i>Due Fri 10/28</i>
5B	Thursday 10/27	Signal Transduction II: short-term responses	Chapter 15	Problem Set-5 <i>Due by Week 6 Section</i>

6A	Tuesday 11/1	Signal Transduction III: Long-term responses	Chapter 16	6A Reading; Canvas Questions-6 <i>Due Fri 11/4</i>
6B	Thursday 11/3	QUIZ 2 REVIEW: Vesicular Transport & Signal Transduction		
7A	Tuesday 11/8 VOTE!	QUIZ 2 in class		Optional QUIZ-2 Extra Credit <i>Due Wed 11/9</i>
7B	Thursday 11/10	Cytoskeleton Overview & Microfilament (Actin)	Chapter 17	7B Reading; Canvas Questions-7 <i>Due Fri 11/11</i> Problem Set-6 <i>Due by Week 8 Section</i>
8A	Tuesday 11/15	Microtubule Cytoskeleton Guest Lecturer	Chapter 18	8A & 8B Reading; Canvas Questions-8 <i>Due Fri 11/18</i>
8B	Thursday 11/17	Motor Proteins Guest Lecturer	Chapters 17 & 18	Problem Set-7 <i>Due Weeks 9-10 Section</i>
9A	Tuesday 11/22	Mitosis, Cell Cycle	Chapter 19	9A Reading; Canvas Questions-9, <i>Due Fri 11/25</i>
	Thursday 11/24	NO CLASS Thanksgiving		NO Fri A07 Section/OHs make-ups will be held
10A	Tuesday 11/29	REVIEW: Cytoskeleton & Cell Cycle		EXTRA CREDIT: Make an explanatory video <i>Due Fri 12/2 by NOON</i>
10B	Thursday 12/1	Catch-Up and COURSE REVIEW		Optional Canvas Questions-10 = Weeks 7-10 Extra Credit <i>Due Fri 12/2</i> FINAL EXAM Th 12/8, 3-6 PM, TBA Quiz on Weeks 7-10 & Comprehensive Exam

Dr. Kiger Office Hours – Subject to change. Contact for appointment outside set times.

In-person: Wed 2:00-3:00pm NSB 6109. When available: T/Th 3:30-4:30pm Art of Espresso.

By zoom: Mon 1:00-2:00pm, use Zoom LTI Pro link in Canvas

Course credit

5% CLASS PARTICIPATION

i>clicker responses, at least 50% per class and ≥ 14 of 16 classes required for full credit.

15% CANVAS QUESTIONS

Due by Friday 5pm. Credit only for correct answers, retake allowed. ≥ 6 of 8 for full credit.

20% PROBLEM SETS

Due by Wednesday 5pm. Credit for completion. ≥ 6 of 7 required for full credit.

15% QUIZ 1

*In class. Open notes. Applied knowledge and problem solving.
Optional online extra credit due the following day.*

15% QUIZ 2

*In class. Open notes. Applied knowledge and problem solving.
Optional online extra credit due the following day.*

30% FINAL EXAM

*In person as scheduled by registrar.
ONLY if both Quizzes taken, it is possible to choose an all-stakes Final worth 60% grade.*