

## Core Course in Biochemistry and Cell Biology- Fall 2005

### Participating Faculty in Cell Biology Section:

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**Meetings:** M,T,W,F 2:30p-3:20p rm 355 Mellon Institute

### Grading:

6 in class evaluations = 50% of the Cell Biology grade.

Final exam = 50% of the Cell Biology grade

### Topics for Cell Biology Section:

DATE	DAY	TOPIC	INSTRUCTOR	READING
10/17	M	Membrane Structure and Transport	Minden	MCB 7.1-8 for the week
10/18	T	Membrane Transport II		
10/19	W	Evaluation		
10/21	F	Mid-Semester Break NO CLASS		
10/24	M	Nuclear Transport	Linstedt	MCB 12.3
10/25	T	Translocation		MCB 16.1-2
10/26	W	Quality Control		MCB 16.3-6
10/28	F	Vesicle Transport		MCB 17.1-2
10/31	M	Secretory Pathway	Linstedt	MCB 17.3-4
11/1	T	Endocytic Pathway		MCB 17.5-6
11/2	W	NO CLASS		
11/4	F	Evaluation: problem set due		
11/7	M	Signaling Mechanisms I	McCartney	reference MCB 13-15 for the week
11/8	T	Signaling Mechanisms II		
11/9	W	Signaling Mechanisms III		
11/11	F	Evaluation		
11/14	M	Cytoskeletal Polymers	McCartney	reference MCB 19-20.2 for the week
11/15	T	Regulating Cytoskeletal Function I		
11/16	W	Regulating Cytoskeletal Function II		
11/18	F	Evaluation		
11/21	M	Cell Cycle I	Minden	
11/22	T	Cell Cycle II		
11/23	W	Thanksgiving Holiday NO CLASS		
11/25	F	Thanksgiving Holiday NO CLASS		
11/28	M	Cell Death	Minden	
11/29	T	Balancing Cell Division and Cell Death		
11/30	W	Mechanics of Mitosis		
12/2	F	Evaluation		
12/5	M	Cell Adhesion and Extracellular Matrix	Etensohn	MCB 6.1-6.6 for the week
12/6	T	Crosstalk between Cell Adhesion		

		and Cell Signaling		
12/7	W	Cell Adhesion and the Extracellular Matrix in development and disease		
12/9	F	Evaluation		
EXAM Week		Final Exam of Cell Bio material	All	