

Course Schedule - 9569 - Thursdays from 6:30 PM - 8:10 PM in 6S-145

Week	Topic	Lab Manual Activity	9 th Edition Reading	10 th Edition Reading	11 th Edition Reading
Aug 30	Metric Measurement and Microscopy <i>Prepared slides</i> <i>Onions, Euglena</i>	2	9-28	9-26	9-26
Sept 6	Cell Structure and Function <i>Models and prepared slides</i> <i>Elodea wet mounts</i>	4, part	43-48	41-46	41-46, 56
Sept 13	Chemical Composition of Cells <i>Tests for protein, starch, sugars, lipids</i>	3	29-41	27-40	27-39
Sept 20	Diffusion, Osmosis, and Dialysis; pH <i>Dialysis Tubing</i> <i>Tonicity in potato, Elodea and red blood cells</i>	4, part	49-58	47-56	47-56
Sept 27	Enzymes <i>Catalase activity</i>	5	59-66	57-64	57-66
Oct 4	Cellular Metabolism I: Respiration and Fermentation	7	77-82	75-82	77-83
Oct 11	Cellular Metabolism II: Photosynthesis <i>Lab procedure follows handout</i>	6	67-76 handout	65-74 handout	67-76 handout
Oct 18	Animal Organization <i>Prepared slides</i>	25	341 - 356	357-372	353-368
Oct 25	Cardiovascular System <i>Sheep heart dissection</i> <i>Models & prepared slides</i> <i>Stethoscopes</i>	25, part 27, part 29, part	349, 351 383-388 410	397-402 365-367 412, 413	361-363 384-387, 398 410-414
Nov 1	Urinary System <i>Sheep kidney dissection & urinalysis</i> <i>Models & prepared slides</i>	27, part 29, part	372-373 404-409	388-389 420-426	390-391 418-424
Nov 8	Nervous System <i>Sheep brain dissection</i> <i>Models & prepared slides</i>	30, part	413-419	429-435	425-432 443
Nov 15	Sense Organs <i>Cow eye dissection</i> <i>Model of human skin</i> <i>Tuning forks</i>	30, part	420-430	436-448	432-443
Nov 22	NO CLASSES	-	-	-	-
Nov 29	Reproductive System <i>Model & prepared slides</i> <i>Review for final</i>	27, part	371-381	387-395	391-398
Dec 6	FINAL PRACTICAL EXAM – COVERS ENTIRE SEMESTER				