

BIOLOGY 100L - Human Biology Laboratory**Fall 2017****Wednesday: 1-3:45 Imiloa 103, Sec 61226****WEBSITE: wcc.hawaii.edu/facstaff/miliefsky-m/****Lab Manual: Atsma, & Johnson, M., 2017. Human Biology: Concepts and Current Issues Lab Manual (8th ed.). Pearson.**

DATE	LAB	TOPIC	Exercise
Aug 23	1	Introduction and Lab Protocol	
Aug 30	2	Scientific Method & orientation to the human body	1, 6
Sep 6	3	Introduction to the microscope and cell anatomy and diversity	2, 3
Sep 13	4	Cell physiology: osmosis and diffusion	4
Sep 20	5	Tissue identification and mitosis	5, 20 (p.255)
Sep 27	6	Digestive system & Nutrition activity	17
Oct 4	7	Forensics: blood typing and fingerprints; integumentary	14, 7
Oct 11	8	Cardiovascular: blood vessel, heart, blood pressure, EKG	15
Oct 18	9	Infectious Disease	
Oct 25		Lab Practical 1	
Nov 1	10	Nervous system, Endocrine system and reflexes	10, 11, 13
Nov 8	11	Bone and muscle	8, 9
Nov 15	12	Sensory system and physiology	12
Nov 22	13	Urinary system and urinalysis	18
Nov 29	14	Respiratory and reproductive	16, 19
Dec 6		Lab Practical 2	

The schedule is subject to change at the discretion of the instructor. Prior notice will be given.