

SAN DIEGO MESA COLLEGE

BIOLOGY DEPARTMENT

BIOLOGY 107 (Laboratory) - Spring 2007

TEXTS & SUPPLIES NEEDED:

Ancinec, et al. Laboratory Experiences in General Biology, 9th Edition

Lab Packet - purchase at bookstore

Lab Kit - purchase at bookstore

Week	MON	TUE	WED	THU	FRI	TOPICS/ Materials to Bring
1	05-Feb	06-Feb	07-Feb	08-Feb	09-Feb	LAB SAFETY, EQUIPMENT, SCIENTIFIC METHOD, MEASUREMENTS AND GRAPHS Ancinec CH 1 pp. 1-8, Lab Packet, and Lab Kit
2	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb HOLIDAY	MICROSCOPES AND CELLS Ancinec CH 2 and lab kit
3	19-Feb HOLIDAY	20-Feb	21-Feb	22-Feb	23-Feb	FIELD TRIP - or instructor's choice materials to be provided by instructor
4	26-Feb	27-Feb	28-Feb	01-Mar	02-Mar	DIFFUSIONS AND OSMOSIS Ancinec CH 3 and lab kit
5	05-Mar	06-Mar	07-Mar	08-Mar	09-Mar	ENZYMES Lab Packet (Enzymes) and lab kit
6	12-Mar	13-Mar	14-Mar	15-Mar	16-Mar	CELLULAR RESPIRATION: (1) RESPIRATION RATE AS A FUNCTION OF BODY SIZE, (2) FERMENTATION Ancinec CH 4 & 5 and lab kit
7	19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	PHOTOSYNTHESIS Lab Packet (Photosynthesis) and lab kit
8	26-Mar	27-Mar	28-Mar	29-Mar	30-Mar	MENDELIAN GENETICS Ancinec CH 7 & 8
9	02-Apr	03-Apr	04-Apr	05-Apr	06-Apr	SPRING BREAK
10	09-Apr	10-Apr	11-Apr	12-Apr	13-Apr	MOLECULAR GENETICS (DNA) Ancinec CH 10 and Lab Packet
11	16-Apr	17-Apr	18-Apr	19-Apr	20-Apr	THE DOMAINS OF LIFE Ancinec CH 11 and lab kit
12	23-Apr	24-Apr	25-Apr	26-Apr	27-Apr	PLANT FORM & FUNCTION Lab Packet (lant Form & Function) and lab kit
13	30-Apr	01-May	02-May	03-May	04-May	THE ANIMAL KINGDOM Ancinec CH 13 and lab kit
14	07-May	08-May	09-May	10-May	11-May	ANATOMY: DISSECTION OF THE WHITE RAT Ancinec CH 14 and lab kit
15	14-May	15-May	16-May	17-May	18-May	PHYSIOLOGY: HOMEOSTASIS AND REFLEXES - and/or THE CIRCULATORY SYSTEM Ancinec CH 15 and 17
16	21-May	22-May	23-May	24-May	25-May	FIELD TRIP - TBA
17	28-May HOLIDAY	29-May	30-May	31-May	01-Jun	INSTRUCTOR CHOICE/FINALS
18	04-Jun	INSTRUCTOR CHOICE/FINALS (Monday classes only)				