Concepts in Biology Biology 120 - Fall 1993 T.R. Wade

Lecture Syllabus

		C	hapters
Aug.	23 25 27	Scientific inquiry Unifying themes in biology Ecosystems: energy flow	1 1 35
Sept.	30 . 1 3	Ecosystems: nutrient cycling Chemistry of Life Biomolecules	35 2 2
	6 8 10	Cells: structure and function Biological membranes Cellular transport	3 3 3
	13 15 17	DNA: structure and function Cell division: Mitosis and the cell cycle TEST 1 1, 35,	11 7 2 & 3
	20 21 22 24	Meiosis and gametogenesis LAB PRACTICAL 1 Mendelian genetics Genes and chromosomes JOURNALS DUE	8 9 10
Oct.	27 29 1	Human genetics Genetic expression: from genes to proteins Molecular genetics	10 12 13
	4 6 8	History of evolutionary thought Evidence for evolution ***FALL BREAK***	14 15
	11	Survey of the kingdoms: Intro to Monera, Protista & Fungi	17 & 18
	13 15	Trends in Animal Evolution TEST 2	19 7 - 15
	18 20 22	Animal diversity Animal Systems: an overview <i>JOURNALS DUE</i> Digestion	19 23 25
	25 26	Cellular respiration LAB PRACTICAL 2	6
	27 29	Respiration Circulation	28 26



Nov	1 3 5	Immune system AIDS Reproduction	27 27 32
	8 10 12	Development Photosynthesis TEST 3 6, 17-19, 23,25-28,	32 5 32
	15 17 19	Trends in Plant Evolution Plant diversity Plant anatomy: structure and function	18 20 21
	22 24 26	Plant reproduction JOURNALS DUE Plant development ***THANKSGIVING HOLIDAYS***	22 22
Dec.	29 30 1 3	Pollination biology LAB PRACTICAL 3 Catch up and wind up Course evaluation	

Tuesday, December 7, 9:00-12:00 FINAL EXAM CUMULATIVE

Text: Biology: Concepts and Applications, Cecie Starr

Lecture: Pierce 101, 10:00-11:00 a.m. Monday, Wednesday, Friday

Laboratory: Pierce 123, Tuesday 2:00-5:00 p.m.

Office Hours: by appointment - Pierce 126

Evaluation: 300 points 3 lecture tests

3 lab practicals & assignments journals 175 points

50 points 175 points final exam

700 points TOTAL

Grading Scale: 90 - 100%

> 80 - 89% В 70 - 79% C

> 60 - 69% D < 60% F