

and unless I recognize one of you for a question. If you have questions about what I am teaching or I am unclear, raise your hand and ask me. Do not start asking or chatting with your neighbor.

I realize that three hours is a long time to just sit, listen and take notes. We will try to take a break in mid-class so you can re-energize for continued lecture or lab or for a transition from one to another.

Disability Statement: The college will make reasonable accommodations for persons with documented disabilities. Students should notify Student Services and their instructors of any special needs.

Grading Policy: The grade *you earn* for the course will be determined based upon 2000 points:

1800 points and above	=	A
1600 - 1799 points	=	B
1400 - 1699 points	=	C
1200 - 1399 points	=	D
1199 and less	=	Fail

Formal exams make up 1200 points of the total possible. We are scheduled to have one (1) midterm exam and on final exam worth 600 points each. These exams will require two hours of onsite testing.

The remaining 800 points of your course grade will be divided between problem sets and online quizzes. You will be graded on eight (8) problem sets each of which will count for 50 points. (Currently, I plan on assigning 9 problem sets of which you will keep your 8 highest scores).

Problem Sets:

You will need Adobe Acrobat Reader to download and print off the Problem Sets. If you do not currently have this software, you can follow a link to the Adobe website from my webpage at MCC (<http://www.mc.maricopa.edu/~hocutt>). Go to the BIO240 home and follow the link there. **Once you have printed off the Problem Sets in pdf format, you will need to answer the questions and fill out those answers in your own handwriting. Typed answers will NOT be accepted.** You will also need access to a fax machine (or scanner and e-mail). You may turn in completed problem sets in class or fax completed Problem Sets to Prof. Hocutt at 1-480-907-1456. If you are within the (480) area code, you just need to send to 907-1456; likewise if you are within the Phoenix metropolitan area the number would be 480-907-1456.

Make every effort not to fall behind in completing the problem sets. These activities are designed to give you ample practice for the course exams. *You are encouraged* to work in small groups when solving problem sets.

Online Quizzes:

There will be at least 20 online Chapter Quizzes worth 20 points each. Again, I will keep your top 20 scores.

ONLINE QUIZZES WILL REQUIRE THAT YOU PURCHASE AN ACCESS CODE to access WebCT/Blackboard material generated from the publisher. The cost for the code has been about \$15 in the past. More on this will be explained in the first lecture session.

When you first enter the Online learning program on your computer (currently Blackboard Learning Systems OR WebCT) you will want to find the “Check Browser” link and have your system checked for compatibility with the online presentation system.

Also make ample use of the resources at MCC Online and be sure to check the [Orientation](#) section for [Prospective Students](#).

BIO240 Spring Semester 2009 – Projected Schedule

Week of	Subject Matter	Chapter(s)	Problem Sets / Exams	
Jan. 19	NO CLASS Monday January 19th – MLK DAY Cellular Review, Intro to Genetics, Genetic Material, DNA Replication	1, 2, 3		
Jan. 26	Intro to Gene Expression; Transcription	4, 5		
Feb. 2	Translation, Genetic Code, Mutations and Effects on Gene Expression	6, 7	Problem Set 1 Due (Feb. 6 th)	
Feb. 9	Biotechnology	8, 9	Problem Set 2 Due (Feb. 13 th)	
Feb. 16	Biotech., Genomics NO CLASS Monday Feb. 16th – Presidents' Day	10		
Feb. 23	Gene Regulation (Pro- and Eukaryotes)	19, 20	Problem Set 3 Due (Feb. 20 th)	
Mar. 2	Mendelian Genetics I Chromosomal Basis of Inheritance; Pedigree Analysis	11, 12	Problem Set 4 Due (Mar. 6 th)	
Mar. 9	Mendel II – Extensions; Quantitative Genetics	13, 14	MIDTERM EXAM Thursday March 12th	
Mar. 16	SPRING BREAK – NO CLASSES			
Mar. 23	Gene Mapping in Eukaryotes	15, 16	Problem Set 5 Due (Mar. 27 th)	
Mar. 30	Variations in Chromosome Number and Structure; Gene Mapping (Bacteria, Bacteriophages)	17, 18	Problem Set 6 Due (Apr. 3 rd)	
Apr. 6	Non-Mendelian Inheritance	23	Problem Set 7 Due (Apr. 10 th)	
Apr. 13	Population Genetics	24	Problem Set 8 Due (Apr. 17 th)	
Apr. 20	Population Genetic Applications	24		
Apr. 27	Developmental Genetics	21	Problem Set 9 Due (Apr. 27 th) NOTE DUE DATE	
May 4	Genetics of Cancer	22		
May 11	FINAL EXAM			