

Welcome to Micro Biology 260

General POLICIES

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Attendance: Students are expected to **ATTEND ALL CLASSES AND LABORATORIES on time.** **You are held responsible** for all materials, announcements, and assignments that you **missed**. Some course materials may be presented in lecture that is not in the text or on the web site.

1. **After 4 absences from lecture a 0.1 grade point will be subtracted for each additional absence.**
2. **While attending microbiology 260 you will be held to professional laboratory standards.**
 - a. **Each lab exercise is worth 5 points.**
3. **However, these points can be lost:**
 - b. **for each lab absents.**
 - c. **for dirty work bench surface or microscope.**
 - d. **for unsafe lab or equipment procedures.**
 - e. **eating or drinking in class.**
 - f. **refusing to follow appropriate instructions**
 - g. **late attendance to or absents from lab (2.5 ~ 5 points off for each day)**

Short in class quizzes will be given several times throughout the quarter. These will cover material recently presented in class or covering required readings. Each quiz will be announced several days in advance. **There is no quiz make-up.** Quizzes will be give at the beginning of lab class so be on time as each quiz will be collected within 10 minutes of the start of class.

EXAMS: Lecture exams are scheduled throughout the quarter (see Syllabus). Each exam will cover the material indicated on either the lecture or laboratory syllabus. An exam may be rescheduled **if prior ARRANGEMENTS** are made with the instructor. A **different test** will be administered other than given in class.

LABORATORY & ASSIGNMENTS Dates of all lab assignments will be announced at the time of distribution. **Late assignments following designated due dates will not receive credit.**

Attendance: Students are expected to **ATTEND ALL Lectures AND Laboratories.** Those individuals that are **missing more than a week's** worth of instructions **should not expect to do well in this course.**

INDEPENDENT WORK: All **exams** and **lab write ups** **will be the independent work of each student.** Guidelines written in the student handbook will be administered for any dishonest effort. Cheating is defined as talking during tests, looking at another's exam or using unauthorized material (including the use of cell phones) during a test. Cheating will result in a **zero** for the lecture test that it occurs.

GRADING (*Tentative*):

		Number	Points	Total possible points
Break out	Lab (Tentative)	12 [±]	5 [±]	60 [±]
	Lecture	4	100	400
	Lab Quiz	5	Variable	150 (Possible)
				610 [±]

Compute your grade at any time by dividing the points you have earned by the total points to that point. This will give you a percentage. The table below converts percentage points to a decimal grade. Decimal grades and letter grade equivalents are give below.

%	Decimal	Grade	%	Decimal	Grade	%	Decimal	Grade	%	Decimal	Grade
100	4.0	A	89	3.5	A-	79	2.5	C+	69	1.5	D+
99	4.0	A	88	3.4	B+	78	2.4	C+	68	1.4	D+
98	3.9	A	87	3.3	B+	77	2.3	C+	67	1.3	D+
97	3.9	A	86	3.2	B+	76	2.2	C	66	1.2	D
96	3.8	A	85	3.1	B	75	2.1	C	65	1.1	D
95	3.8	A	84	3.0	B	74	2.0	C	64	1.0	D
94	3.7	A-	83	2.9	B	73	1.9	C-	63	0.9	D-
93	3.7	A-	82	2.8	B-	72	1.8	C-	62	0.8	D-
92	3.6	A-	81	2.7	B-	71	1.7	C-	61	0.7	D-
91	3.6	A-	80	2.6	B-	70	1.6	C-	60	0.7	D-
90	3.5	A-							Below 60	0.0	F

MISCELLANEOUS GRADES:

Withdrawal: (W) No grade points; no credit. All official withdrawals prior to the “published last day of the quarter to withdraw” are the sole responsibility and prerogative of the student and must be initiated by the student through the registrar’s office before the announced date.

Z Special Withdrawal—0.0 grade points; no credit. All withdrawals of this type must be designated by the instructor on the regular grade sheet at the end of the quarter. After consultation with the student prior to the end of the quarter, **the faculty member (not the college’s counseling staff)** may agree to grant a special withdrawal on the last day of the quarter. The decision to grant the special withdrawal is to be based on what is best for the student in light of his or her educational objectives.

Special Note: Please remember **THIS IS AN ACADEMIC COLLEGE LEVEL CLASS**. Private conversation on your cell phone will not be tolerated. This activity adversely affects your learning experience. Please turn your cell phone off prior to class.

Labs

1. Students shall follow established safety procedure as out-lined by the instructor.
 - a. Closed toes shoes **must be worn** during each and all labs. Students will be asked to leave if this procedure is not followed.

- b. Please wear appropriate clothing during each lab: **no** open toe shoes.
- c. Place head hair up in bun formation or some fashion behind head
- 2. **Work cooperatively.** The lab is divided into teams of two people. A team has a numbered station, both for microscopes and equipment kits.
- 3. **Work independently.** Learn to make independent drawings and conclusions in labs.
- 4. **Prepare for lab.** Read the lab exercise prior to class. Many labs require a full 2 hours. Advance preparation will help you use your time more efficiently. Organize yourself.
- 5. **Lab write-ups.** Complete all labs in **pencil**. **Do not** use **RED PEN**. Your lab will be rejected if red pen is used.
- 6. Labs and quizzes **Can not be made up.**
- 7. **Please turn off cell phones** during class time. Cell phone disruptions will not be tolerated. No cell phone usage during lecture test time or quiz time. Cell phone usage during testing periods will be considered cheating resulting in a **zero** grade for that test.

Again

Attendance: Students are expected to **ATTEND ALL Lectures AND Laboratories**. Those individuals that are missing more than a week's worth of instructions **should not expect to do well in this course**.

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
April 2012						
1	2 Text Ch 1: Introduction to Micro Science	3 Microscope measurement review Text Bk Chp 3 2) Ubiquity of bacteria Ex 7.	4 Text Bk Chp 2 Chemistry Review	5 Aseptic techniques: Lab bk pg. 28-41. 2) Simple Smear Walt: 4	6 Chapter 2 Chemistry take home work sheet	7
8	9 Tx Ch 4: Anatomy of Prokaryotic cells	10 Gram Stain Walt: 6 Lab Bk pg. 92. 2) Spore stain lab bk. Pg. 112-115.	11 Tx Ch 4: Anatomy of Prokaryotic cells	12 1) Acid fast Walt: 8 Lab Bk pg. 99. 2) Motility Walt: 17	13	14
15	16 Lecture Test 1 covering Ch 1, 2, & 4	17 1) Pipette practice. Lab Bk. Pg. 8. 2) Enumeration of bacteria Walt: 9. 3) Isolation of Bacteria. Lab bk 42.	18 Tx Ch 8: Microbial Metabolism	19 1) Dental Caries Walt: 18. 2) Alcohol fermentation Ex: 65	20	21
22	23 Text book Chp 8: Metabolism	24 1) Anaerobes Walt: 11 2) Enterotube Walt: 3	25 Text book Chp 7: Microbial Nutrition	26 Respiration lab (To be handed out)	27	28
29	30 Text book Chp 7: Microbial Nutrition					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
May 2012						
		1 1) Selective media Walt:10 Lab Bk. Pg. 168	2 Text book Chp 7: Microbial Nutrition	31) Temperature Effects on Growth <i>Lab to handed out</i>	4 Take home sanitation work sheet	5
6	7 Tx Ch 11: Control of Microbes	8 1) UV light control Ex:33 2) Eval of alcohol Ex: 35	9 Tx Ch 11: Control of Microbes	10 Read Tuesday's exercise.	11	12
13	14 Lec Test 2 Chap 7, 8 & 11	15 Exchange of genes Walts: 14	16 Tx Ch 9: Microbial Genetics	17 Tx Ch 9: Microbial Genetics	18 DNA Take home work sheet	19
20	21 Quiz Tx Ch 13: Virus	22 Bacteriophage Titer. Lab Bk. Pg. 198-205	23 Tx Ch 13: Virus	24 1) Synthetic epidemic Ex 78 part 2. 2) Antibiotic Testing Kirby-Bauer Walt's: 16	25 Virus Take home work sheet	26
27	28 Memorial day Holiday	29 Chap 12: Drugs, Microbes & Host White blood count Read plates from Thursday	30 Chap 12: Drugs, Microbes & Host	31 Lec test 3: Chap 9 & 13		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
June 2012						
					1	2
3	4 Chap 12: Drugs, Microbes & Host	5 1) Effects of lysozyme on bacterial cells Ex: 34.	6 Chp 13: Microbe- Human interaction	7 Video lab	8	9
10	11 Text Bk Chp 14: Specific Defense	12 Text Bk Chp 14: Specific Defense	13 Text Bk Chp 15: Specific Defense	14 Text Bk Chp 15: Specific Defense	15	16
17	18	19 Lec Test 4 Evening class final 5:30 pm	20 Lec Test 4 Day class final 11:30 am - 1:00 pm	21	22	