



**Americans with Disabilities Act (ADA) Statement:**

Students with medical, psychological, learning or other disabilities desiring reasonable academic adjustment, accommodations, or auxiliary aids to be successful in this class will need to contact the DISABILITY RESOURCE CENTER Coordinator ( Baako Wahabu) for eligibility determination. Proper documentation of impairment is required in order to receive services or accommodations. DRC is located at the ground floor of the Financial Aid Office. Visit or call 652-7516 to schedule appointment to discuss the process. DRC Coordinator determines eligibility for and authorizes the provision of services.

**Instructor Expectations:** You are expected to be on time to your scheduled laboratory and ready to work. Please read the laboratory exercise BEFORE coming to the lab. This saves you, your lab partners, and your lab instructor much frustration if you know what tasks are to be completed during the lab session and have an idea of how to budget your time.

If an emergency arises that will cause you to be absent from your regularly scheduled lab, you should notify your instructor. Depending on the nature of the emergency, you may be allowed to turn in a lab report for half credit. However, because of the difficulty in preparing labs, no makeup labs will be given for any reason.

**Laboratory Procedures:** Once you are oriented to the procedures and equipment to be used each day, you are more or less free to complete the lab at your own pace **provided you do so within the 3 hour time block**. If you are unsure what you are doing at any time, please ask for help. This is the reason the lab instructor is here. You will also be required to come into the lab at other times during the week to record results of experiments, transfer cultures, etc. You may come in at the following times provided you do not disturb other students working in their lab:

M, W 8:00 am – 11:30 am or R, F – If you can find me, I may let you in.

**College Withdrawal Policy:** Students may drop/audit courses through **Feb 28<sup>th</sup>**. Dropping after this time requires approval from the Academic Appeals Committee (forms available in the Advisement Office). If you miss this deadline or simply stop coming to class and don't officially drop, expect to see an "F" or "WF" as your final grade.

**Academic Integrity:** Plagiarism, or claiming the work of others as your own, is considered cheating. Furthermore, if a student is observed looking on another student's exam, quiz or assignment: talking to another student during an exam or quiz; using notes or books not authorized for use during an exam or quiz; or in any other manner not observing the "code of conduct" as written in the Dixie State College catalog, disciplinary action will be undertaken.

**About Cellular Phones and Pagers:** All cellular phones must be turned off during class.

**A Word of Warning:** It would be to your advantage to keep detailed notes of what you are doing, what you are seeing on the microscope slides, or the specific procedures to be followed in any given lab exercise. This information will come back to haunt you on the laboratory exams. Pay close attention to what you are doing. Write things down. Don't fool yourself into thinking you'll remember. There is a lot to remember in this lab! There will be no scheduled review for the laboratory where you can come in and look at the slides or repeat any lab procedures. There simply isn't time in the schedule to allow for this. You have one shot at it during the lab. Don't take this advice lightly.

**Laboratory Exams:** Two laboratory exams worth 100 points each will be given in the middle and at the end of the semester. Each student will complete this lab exam to be taken on the dates outlined in this syllabus. However, if an **emergency** exists prior to the time of the lab exam, you **MAY** be given permission to take the exam at a later time. The midterm exam will cover material from the beginning of the course up to the time of the exam. The final exam will cover material presented since the midterm exam. Both exams will be of a practical and written nature, requiring you to identify and understand things you have observed, procedures you have carried out, different media you have used, etc.

**Grading Policy:** The grade you earn in this laboratory will be based upon 600 total points to be distributed as follows:

10 lab reports	@ 20 points =	200 points
1 midterm exam	@ 100 points =	100 points
1 final exam	@ 100 points =	100 points
2 determine unknowns	@ 100 points =	200 points
	Total =	600 points

Final grades will be based on these ranges:

A = 93-100%	C+ = 77-79.99%	D- = 60-62.99%
A- = 90-92.99%	C = 73-76.99%	F = <60%
B+ = 87-89.99%	C- = 70-72.99%	
B = 83-86.99%	D+ = 67-69.99%	
B- = 80-82.99%	D = 63-66.99%	

**General Microbiology Lab - Tentative Schedule for Spring 2015**  
**Instructor May Change Dates or Assignments**

<b>Jan 13</b>	<b>Lab 1</b>	Syllabus, lab rules, lab safety; Ex 1-3: Aseptic Technique Ex 1-4: Streak Plate Method of Isolation
<b>Jan 20</b>	<b>Lab 2</b>	Ex 3-1: Intro to Light Microscope, Ex 3-2: Microscope Calibration Ex 3-5, 3-6: Simple and Negative Stains
<b>Jan 27</b>	<b>Lab 3</b>	Ex 3-7, 3-8: Differential Stains; Demo – Capsule Stain Ex 3-10: Endospore Stain, Ex 5-28: Motility test
<b>Feb 3</b>	<b>Lab 4</b>	Ex 5-2 to 5-8: Oxidation, Fermentation and Respiration Tests Ex 5-11 to 5-13, Ex 5-15: More Biochemical Tests
<b>Feb 10</b>	<b>Lab 5</b>	Ex 5-20, 5-21, Ex 5-24: Differential and Susceptibility Tests
<b>Feb 17</b>	<b>Lab 6</b>	Ex 4-1 to 4-4: Selective Media for Gram Positive Ex 4-5 to 4-8: Selective Media for Gram Negative
<b>Feb 24</b>	<b>Lab 7</b>	Ex 2-7: Effect of Oxygen (FTM); Ex 2-9: Temperature Effects on growth Ex 2-11, 2-13: Effects of Osmotic Pressure and UV Light on growth Ex 7-3: Kirby-Bauer test
<b>Mar 3</b>	<b>Midterm Exam – Labs 1-6</b>	
<b>Mar 9-13</b>	<b>Spring Break – No labs this week</b>	
<b>Mar 17</b>	<b>Lab 8</b>	Ex 10-3: Bacterial Transformation
<b>Mar 24</b>	<b>Lab 9</b>	Ex 6-5: Virus Plaque Assay
<b>Mar 31</b>	<b>Lab 10</b>	Ex 5-31: Bacteria Unknowns Project
<b>Apr 7</b>	<b>Lab 11</b>	Work on unknowns
<b>Apr 14</b>	<b>Lab 12</b>	Finish work on unknowns; Biolog analysis
<b>Apr 21</b>	<b>Lab 13</b>	Written reports are due, <b>Presentations on unknowns</b>
<b>Apr 28</b>	<b>Final Exam – Labs 7-13</b>	