TENTATIVE—SUBJECT TO CHANGE

BIOLOGY (BIOL) 2114 MINI: Anatomy and Physiology II

COURSE SYLLABUS
Lecture Monday
Spring Semester 2020

COURSE INFORMATION

Credit Hours/Minutes: 3/2250
Class Location: HSA 902/903
Class Meets: Monday 8:00-11:45 pm in seat (**Hybrid** – 60% face-to-face; 40% online course work)
Course Reference Number (CRN): 40365

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Dr. Erica M. Harrison
Office Location: Health Science Annex (HSA) – Building C, Room 901 (Vidalia), 8145 (Swainsboro)
Office Hours: MW 2:00-4:30; WR 8:00-10:30
Email Address: Erica Harrison eharrison@southeasterntech.edu
Phone: 912-538-3188
Fax Number: 912-538-3156
Tutoring Hours: By appointment only

This course is taught in a hybrid format. Hybrid classes require students to complete a portion of the required contact hours traditionally by attending classes on campus (60%) while completing the remaining portion online (40%) at the student's convenience with respect to the instructor's requirements.

SOUTHEASTERN TECHNICAL COLLEGE'S (STC) CATALOG AND STUDENT HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's Catalog and Student Handbook (http://www.southeasterntech.edu/student-affairs/catalog-handbook.php).

REQUIRED TEXT

1. WileyPLUS Next Gen package that comes with the looseleaf Principles of Anatomy and Physiology, Tortora and Derrickson, 15th edition (9781119492030)
2. Southeastern Technical College 2114 Lab Manual, Ajohda, 1st edition

REQUIRED SUPPLIES AND SOFTWARE

Ink pens, highlighters, and any other supplies deemed necessary by the instructor.

Note: Although students can use their smart phones and tablets to access their online course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither Blackboard nor Georgia Virtual Technical Connection (GVTC) provide technical support for issues relating to

the use of a smart phone or tablet so students are advised to not rely on these devices to take an online course.

Students should not share login credentials with others and should change passwords periodically to maintain security.

COURSE DESCRIPTION

Continues the study of the human body. Topics include the endocrine system, cardiovascular system, blood and lymphatic system, immune system, respiratory system, digestive system, urinary system, and reproductive system. Students will complete all lecture and lab assignments online via WileyPLUS Next Gen before coming to class each week (except exams, lab activities, dissections, and hands-on assignments)

MAJOR COURSE COMPETENCIES

1. The Endocrine System
2. The Cardiovascular System
3. The Blood and Lymphatic System
4. The Immune System
5. The Respiratory System
6. The Digestive System
7. The Urinary System
8. The Reproductive System

PREREQUISITE(S)

BIOL 2113: Anatomy and Physiology
BIOL 2113L: Anatomy and Physiology Lab I
Co-requisites: Required
BIOL 2114L - Anatomy and Physiology Lab II

COURSE OUTLINE

THE ENDOCRINE SYSTEM

1. Discuss the functions of the endocrine system in maintaining homeostasis.
2. Contrast the endocrine and nervous systems.
3. Explain the general mechanisms by which hormones work.
4. Discuss the control of endocrine organs.
5. Describe the role of the hypothalamus in endocrine control.
6. Describe the location, hormones, and functions of the following endocrine glands: pituitary, thyroid, parathyroid, adrenal, pancreas, ovaries, testes, pineal, and thymus.
7. Describe endocrine disorders of hyposecretion and hypersecretion.

THE CARDIOVASCULAR SYSTEM

1. Describe the anatomy of the heart and heart wall.
2. Describe the flow of blood through the heart including the pulmonary and systemic circuits.
3. Explain the structural and functional features of the conduction system of the heart and electrocardiogram (EKG) tracings.
4. Describe the principal events of the cardiac cycle.
5. Contrast the sounds of the heart and their clinical significance.
6. Calculate cardiac output and discuss factors that affect it.
7. List the risk factors involved in heart disease.
8. Contrast the structure and function of the various types of blood vessels.

9. Explain how the venous blood is returned to the heart.
10. Explain blood pressure and pulse.
11. Discuss the factors that affect blood pressure.
12. Contrast the clinical significance of systolic, diastolic, and pulse pressure.
13. Discuss the mechanism of capillary exchange.
14. Describe blood flow through systemic and pulmonary circuits. Identify the principal arteries and veins of the systemic, pulmonary, and hepatic portal circulations.
15. Describe unique aspects of fetal circulation.
16. Explain the effects of exercise on the cardiovascular system.
17. Describe significant cardiovascular diseases including coronary artery disease and congestive heart failure.

THE BLOOD AND LYMPHATIC SYSTEM

1. Discuss the function and physical characteristics of blood, lymph, and interstitial fluid, and the lymphatic system.
2. List the components of plasma and their functions.
3. List the characteristics and functions of formed elements.
4. List the lymphoid cells including lymphocytes (T and B cells), plasma cells, macrophages and reticular cells.
5. Discuss lymphoid organs including lymph nodes, bone marrow, spleen, thymus, tonsils and nodule aggregates.
6. Identify the stages involved in hemostasis.
7. Explain the A, B, and O (ABO) and Rhesus (Rh) factor blood grouping systems.
8. Discuss causes of anemia.
9. Describe selected blood disorders and tests.

THE IMMUNE SYSTEM

1. Discuss the basic properties of immunity
2. Discuss innate and adaptive immunity
3. Explain the process of cellular immunity and the role to T-cells.
4. Explain the process of humoral immunity and the role of B-cells and antibodies
5. Discuss the difference between primary and secondary responses
6. Describe types of active and passive immunity
7. Describe selected immune disorders

THE RESPIRATORY SYSTEM

1. Identify the organs of the respiratory system and describe their functions
2. Contrast internal and external respiration and explain the role of the alveolar-capillary membrane.
3. Describe the events involved in pulmonary ventilation and discuss the significance of pleura
4. Explain the mechanism of oxygen and carbon dioxide transport in the blood
5. Describe the various factors that control the rate of respiration
6. Define selected disorders of the respiratory system

THE DIGESTIVE SYSTEM

1. Identify the organs of the gastrointestinal tract and the accessory organs and their functions in the digestive system
2. Identify the general histological layers of the digestive organs and explain how the layers of modified to accommodate the function of each organ
3. Describe the mechanical movements of the GI tract
4. Identify the major digestive secretions and their functions
5. List the enzymes involved in the breakdown of fats, carbohydrates, and proteins
6. Describe the process of absorption of fats, carbohydrates, and proteins
7. Define the processes involved in the formation of feces and defecation

8. Describe common disorders of the digestive system
9. Discuss carbohydrate, fat, and protein metabolism.
10. Discuss metabolic rate and the role of the liver in metabolism
11. Describe the absorptive and post-absorptive states

THE URINARY SYSTEM

1. Identify the external and internal gross anatomical features of the kidneys
2. Discuss the formation of urine explaining the microscopic anatomy of the nephron and its basic functions of filtration, reabsorption, and secretion
3. Discuss the role of the kidney in maintaining blood pressure and the function of the juxtaglomerular apparatus
4. Explain the role of key hormones on the kidney and their role in water and electrolyte balance
5. Discuss the role of the kidney in homeostasis of pH
6. Discuss the components of urine
7. Discuss the structure and physiology of the ureters, urinary bladder, and urethra
8. Describe disorders of the urinary system

THE REPRODUCTIVE SYSTEM

1. Explain the structure and functions of the male reproductive organs and the pathway of sperm
2. Discuss the processes of spermatogenesis and spermatogenesis in the male
3. Describe the normal composition of semen and the role of the accessory sex glands in the production of semen
4. Discuss the role of hormones in the male reproductive system
5. Explain the structure and functions of the female reproductive organs and the egg/zygote
6. Discuss the process of oogenesis
7. Discuss the principal events of the menstrual and ovarian cycles and explain all hormones involved
8. Discuss the physiology of sexual intercourse
9. Discuss examples of male and female reproductive diseases

GENERAL EDUCATION CORE COMPETENCIES

STC has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS

In order to be successful in this class, students should study a minimum of 2 hours per credit hour each week (minimum of 8 hours). Before arriving for class, students should read assigned chapters taking special note of bold-faced vocabulary terms and any study questions within the chapter. All online assignments and pre-lab work must be completed before the regularly scheduled class meeting on Tuesdays. Failure to comply with these suggestions will make it impossible to understand and follow the lecture material and will result in a student being unsuccessful in this course.

Students are responsible for the policies and procedures in the STC Catalog and Handbook. Additionally, during exams, students are to place all notebooks, bags, and other belongings on the floor or on the counters located in the back and sides of the classroom. Also during examinations students are to be seated with one empty chair between each student. No talking is permitted once the exams are handed out. **Students found with their cellphone or any other personal communication device (including smart watches) will be considered cheating and given a zero for the exam. This includes taking out a phone or similar device after the student has completed the exam but while others in the classroom are still testing.**

Students are expected to exhibit professional behavior at all times. Each student is to show respect and concern for fellow students and for the instructor. Insubordination will not be tolerated, and disciplinary measures will be enacted.

As students taking this course are striving to become healthcare professionals, they will be expected to follow certain healthcare program rules. This includes but is not limited to: proper dress (when in lab setting or other activities in class), no perfumes or strong fragrances, cleanliness (hands, clothes, hair), and effective communication skills.

Per STC policy no cell phones are allowed in hallways or in classrooms. If your phone must be with you it must be turned off and in a bag. In cases of emergency when a student needs his or her phone, he or she is expected to 1) notify the instructor before class begins and 2) leave the phone on silent (NO VIBRATE) while they are in the class (this excludes examination guidelines for phones). No personal calls are to be taken during class, regardless of the situation. This should be handled before or after class.

No eating or drinking is permitted in the lab or lecture classroom. Water is allowed if it is in a spill-proof container and must be kept under the desk or on the sides of the classroom.

ATTENDANCE GUIDELINES

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of "F" (Failing 0-59) and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an "F" in a course.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: Macy Gay, (mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208
Vidalia Campus: Helen Thomas, (hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements with the appropriate campus coordinator.

Swainsboro Campus: Macy Gay, (mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208
Vidalia Campus: Helen Thomas, (hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (April 16) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" is assigned for the course(s) when the student completes the withdrawal form.
Students who are dropped from courses due to attendance after drop/add until the 65% point of the semester will receive a "W" for the course.
Important – Student-initiated withdrawals are not allowed after the 65% point. Only instructors can drop students after the 65% point for violating the attendance procedure of the course. Students who are dropped from courses due to attendance after the 65% point will receive either a "WP" or "WF" for the semester. Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal procedure outlined above.
There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be accessed due to the withdrawal. A grade of 'W' will count in attempted hour calculations for the purpose of Financial Aid.

Remember - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

EVALUATION PROCEDURES

In order to sit for the final exam in this course a student must maintain a Lecture Exam and Lab Exam average of 70.0 or above prior to the date of the scheduled final exam. Exam averages of 69.9 will not be rounded up. If a student has below a 70.0 average, the student will be given a letter grade based on the exam average. There will be no drop grade for lecture or lab exams.

MAKEUP GUIDELINES

Lecture examinations: Students will be allowed to make up one lecture examination (excluding the final exam), due to a documented, excused absence approved by the instructor. Any subsequently missed lecture exam will result in an automatic zero.

Lab exams: Students will be allowed to make up one lab examination (excluding the final exam), due to a documented, excused absence approved by the instructor. Any subsequently missed lab exam will result in an automatic zero.

Lecture assignments: Late assignments will be accepted but not for full credit. Assignments submitted after the due date will incur a 10% deduction per day late.

Lab assignments: Late assignments will be accepted but not for full credit. Assignments submitted after the due date will incur a 10% deduction per day late.

Laboratory activities and experiments: There will be no make-up opportunity for missed lab activities, in-class assignments, experiments or dissections.

ASSIGNMENTS

Learning Objectives

Learning objective questions are provided on Wiley Plus and on the STC M-drive. These questions will be completed in various chapter sets, all with their own submission tab on Wiley Plus Next Gen (see Lesson Plan and Wiley Plus calendar for due dates).

Wiley Online Assignments

Each chapter has several modules on Wiley that summarize that section and provide useful diagrams and animations to learn concepts in a variety of formats. At the end of these modules are Assessment Questions that students must complete. While completion of Modules is not required for access to the assessment questions, it would behoove students to review this information to be more successful in this course.

CASE STUDY PRESENTATION

Students will work alone or in small groups and give an educational presentation on a case study relating to body systems of the chapters covered in this course. A list of topics, guidelines for arrangement, content, requirements, and a rubric can be found on the M-Drive and within the MODULES tab of the WileyPLUS Next Gen interface. Presentations should be 15-20 minutes long. Points will be deducted for going under or over the time limits. Students are required some type of visual aid. Informative videos or other media may be used if it will enhance the presentation. These video clips or other media are not to exceed 7 minutes of the presentation.

Group members should have equal participation in the completion of this project. A team rating scale will be provided for students to “grade” each other on the work they have done concerning their project. Additionally, students are encouraged to report team member failure to comply with scheduled meetings, discussions, emails, group texts, etc. Failure to correspond and communicate with group members will result in very different project grades.

The week prior to presentations (see course schedule), all presentations are to be submitted to the instructor, saved on the classroom computer’s desktop from a jump drive, or downloaded from the web. Thus, no procrastination will be accepted.

ACADEMIC DISHONESTY POLICY

The STC Academic Dishonesty Policy states All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the STC Catalog and Student Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

The procedure for dealing with academic misconduct and dishonesty is as follows:

1. **First Offense**

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

2. **Second Offense**
   Student is given a grade of "WF" (Withdrawn failing) for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.
3. **Third Offense**
   Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member, or citizenship status (except in those special circumstances permitted or mandated by law). This nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes. The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	**Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer**
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1st Street, Vidalia Office 165 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu	Blythe Wilcox, Director of Human Resources Vidalia Campus 3001 East 1st Street, Vidalia Office 138B Phone: 912-538-3147 Email: Blythe Wilcox bwilcox@southeasterntech.edu

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College's website.

ACCESS TO TECHNOLOGY

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the Southeastern Technical College (STC) Website (www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (TCSG) GUARANTEE/WARRANTY STATEMENT

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING POLICY

Assessment/Assignment	Percentage
Lecture Exams	50%
Learning Objectives and Wiley Online Assignments	10%
Case Study Presentation	10%
Comprehensive Final	30%

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

DISCLAIMER STATEMENT

Instructor reserves the right to change the syllabus and/or lesson plan as necessary. The official copy of the syllabus is located on the STC M-Drive and will be discussed on the first day of class. The syllabus displayed in advance of the semester in any location is for planning purposes only.

BIOL 2114 MINI: Anatomy and Physiology I

Spring Semester 2020 Lesson Plan

Subject to change at instructor's discretion

Date	Chapter/Lesson	Content	Tests, Assignments, & Due Dates	Competency Area
03/09	Introduction to the Course Chapter 18 Chapter 19	Introductions, Syllabus Review, WileyPLUS Next Gen Orientation, Group Project Group Assignments, File creations **The Endocrine System** **The Cardiovascular System: The Blood** Review, discussion, and in-class assignments	**In seat:** • Lecture Ch 18-19 • Syllabus Quiz • File creation and group member information sheet **Online assignments due by 03/15:** • Ch18 Assessment (1) • Ch19 Assessment (1) • LO's Ch 18-19	C: 1-2 G: a-c
03/16	**Lecture Exam 1** Chapter 20 Chapter 21	**The Cardiovascular System: The Heart** **The Cardiovascular System: Blood Vessels and Hemodynamics** Review, discussion, and in-class assignments	**In seat:** • Lect Exam 1 (Ch 18-19) • Lecture Ch 20-21 **Online assignments due by 03/22:** • Ch20 Assessment (1) • Ch21 Assessment (1) • LO's Ch 20-21	C: 2 G: a-c
03/23	**Lecture Exam 2** Chapter 22 Chapter 23	**The Lymphatic System and Immunity** **The Respiratory System** Review, discussion, and in-class assignments	**In seat:** • Lect Exam 2 (Ch 20-21) • Lecture Ch 22-23 **Online assignments due by 03/29:** • Ch22 Assessment (1) • Ch23 Assessment (1) • LO's Ch 22-23	C: 3-5 G: a-c
03/30	**Lecture Exam 3** Chapter 24 Chapter 25	**The Digestive System** **Metabolism and Nutrition** Review, discussion, and in-class assignments	**In seat:** • Lect Exam 3 (Ch 22-23) • Lecture Ch 24-25 **Online assignments due by 04/12:** • Ch24 Assessment(1) • Ch25 Assessment (1)	C: 6 G: a-c
04/06-04/09	Spring Break	No class this week	**Online assignments due by 11:59 pm 04/12:** • LO's Ch 24	

Date	Chapter/Lesson	Content	Tests, Assignments, & Due Dates	Competency Area
04/13	**Lecture Exam 4** Chapter 26 Chapter 27 Chapter 28	**The Urinary System** **Fluid, Electrolyte, and Acid-Base Homeostasis** **The Reproductive Systems** Review, discussion, and in-class assignments	**In seat:** • Lect Exam 4 (Ch 24-25) • Lecture Ch 22 **Online assignments due by 04/19:** • Ch26 Assessment (1) • Ch27 Assessment (1) • Ch28 Assessment (1) • LO's Ch26, 28	C: 7-8 G: a,c
04/20	**Lecture Exam 5** Last day to submit any late online lecture assignments – all assignments will be closed after today 11:59 pm	Case Study Presentations	**In seat:** • Lect Exam 5 (Ch 26-28) • Group Presentations	C: 1-8 G: a-c
04/27	Make-up Lecture Exams Chapters 18-28	See Syllabus	Only those students with make-up exams attend	C: 1-8 G: a-c
05/04	Chapters 18-28	**Comprehensive Lecture Final Exam**		C: 1-8 G: a-c

COMPETENCY AREAS (C)

1. The Endocrine System
2. The Cardiovascular System
3. The Blood and Lymphatic System
4. The Immune System
5. The Respiratory System
6. The Digestive System
7. The Urinary System
8. The Reproductive System

GENERAL CORE EDUCATIONAL COMPETENCIES (G)

a) The ability to utilize standard written English.
b) The ability to solve practical mathematical problems.
c) The ability to read, analyze, and interpret information.

Case Study Presentation Evaluation

PRESENTATION TOPIC:

STUDENT(S):

CASE STUDY PRESENTATION RUBRIC

Students must adhere to rubric to outline presentation

Section/Points Possible	Criteria	Comments	Points Earned
Introduction/Background 25 points possible	The presenter(s) introduced the Case Study by providing: introduction, background/health history (creativity counts).		
Diagnosis and Treatment 25 points possible	The presenter(s) provided adequate information on their disease or disorder's: signs and symptoms, treatment plan, follow-up/assessment, educational intervention.		
Ongoing Research 25 points possible	The presenter(s) adequately summarized outcome assessment, current efforts to improve oucomes/treatment, prevention strategies, or other interesting and notable information.		
Overall Presentation Quality & Group Participation (25 points)	All group members appeared to have contributed equally. The group's preparation, delivery, and use of visual aids all were both interesting and informative. Multiple choice questions were discussed and group conducted question/answer session after presentation.		
		Total points:	