Course Description:
This course will explore altered physiologic concepts affecting individuals and the biologic basis for disease. The course begins with the basics. A focus on specific body systems and common disorders will be covered. This course is NOT self-paced. There are due dates that must be met for assignment credit.
Prerequisites: BIOL 2401 or BIOL 2404

Text, References and Supplies:

Computer Requirements: It is strongly recommended that each student have a computer available to access this course with high speed internet and Microsoft Word. Students are responsible to maintain computer systems that are compatible with Canvas courses. If you do not have a reliable computer, then you should find access to either the college campus computer labs or an alternative. Canvas works best with Mozilla Firefox or Google Chrome. Also, never hit the back button or use the Save key while doing a test or assignment. The use of these two functions will likely lock you out of Canvas. Computer problems are not an excuse for incomplete or late work. I strongly encourage you to complete the assignments and tests prior to the actual due date to allow for any technical difficulties (computer problems, technical difficulties, power outages).

Online Attendance Statement:
Students enrolling in online courses MUST log in and actively participate by completing academic assignments required by the instructor by the official census date. Students who log in but do not actively participate in an academically-related activity will be removed as “Never Attended” and dropped from the course.

Student Learning Objectives:
Upon completion of this course you should be able to:
1. Describe the ways in which pathogens may cause disease.
2. Analyze genetic disorders and syndromes.
3. Describe the functional components of the immune system.
4. List the major glands of the endocrine system and describe the importance of hormones and analyze the critical body functions they control.
5. Analyze the processes of vision and hearing and discuss the importance of each.
6. Explain the function of the skin and recognize common skin lesions.
7. Describe the functions of the normal skeletal system.
8. Analyze the process of normal digestion and absorption.
9. Describe the process of respiration and name the common conditions that compromise the respiratory system.
10. Describe the common symptoms associated with cardiovascular disease.
11. Explain how pathologic conditions of the urinary system threaten homeostasis and result in illness.
12. Describe alterations of the reproductive system such as sexually transmitted diseases, sexual dysfunction, male reproductive diseases, female reproductive disease, and complications of pregnancy.
13. Describe the main components of the nervous system and explain the problems to which it is susceptible.
14. Discuss the most common mental illnesses and describe signs and symptoms of each.
15. Describe the major types of trauma.
16. Understand basic pharmacology in relation to systems and disease processes studied.
Student Contributions, Responsibilities and Class Policies:
Students will achieve the Learning Objectives by:
1. Reading the designated material in the textbook and workbook
2. Completing the online quizzes, module exams, and final exam using a variety of question formats
3. Participating in online communication and discussion

Online courses require special skills. In order to be successful, students should be able to send an e-mail, download/save documents, copy/paste, and upload a file. Please contact me if you need assistance with this.

Students are expected to complete all work by the assigned due dates. Late work will not be accepted unless you have made previous arrangements with me before the due date. Due dates are listed on your Canvas Calendar tab (at the top of the page), by each assignment under the “Modules” tab, and under the “Assignments” tab.

More information on student responsibilities can be found in the course catalog. The online link for this is: http://catalog.midland.edu/content.php?catoid=4&navoid=447

Discussion Board:
You will have one Discussion assignment per week which will count for 10% of your total grade. You will be making a posting and then reply to a fellow student’s posting. It is your responsibility to participate in these discussions. I will be reading each posting within 5 days of submission, but may not necessarily respond to every posting. I view the discussion board as a way for you to interact with your peers and share your strategies and thoughts on topics. Although I do not require a minimum word count for the initial posting and reply, both should be thoughtful and provide more than a simple “I agree” or “I disagree” posting. More information on discussion topics will be provided under the Modules tab in Canvas.

- Responses should be in complete sentences. Both your postings and your replies should be well thought out and contain useful information rather than simply ‘agreeing’ with the provided information. Answers such as “Yes, I agree” or “Good information” do not substantiate a response.
- Students should attempt to “clear up” questions from other students and assist each other for learning purposes. In other words, if you can explain the content matter to another person, it means that you have a good understanding of the topic.
- Using personal experiences that relate to the subject matter of the discussion to help others are welcomed
- Students are encouraged to sign on once a day to read the responses.

Each discussion board assignment will have a rubric that tells you what information is expected in both your initial post and your reply to another student. A complete reply to the questions given in both your initial post and in your response will receive 100%. If you address all the criteria in the initial post but do not reply to another student, you will receive 75%. A complete reply to another student but no initial post will receive 25%. No discussion board posting will receive 0%.

Chapter Quizzes:
Chapter Quizzes will count for 20% of your grade. You will have a quiz on each of the 15 chapters in your textbook, and you can either skip one quiz or drop your lowest grade. Each quiz will consist of 20 questions that may include multiple choice, true/false, and/or matching. You will have 45 minutes to complete each quiz. The questions come from a large pool of questions and are assigned by the computer randomly; therefore, each of you may have different questions on your quiz. You will receive your grade when you submit your quiz.

Module Exams Module Exams will count for 20% of your grade. There are 3-4 chapters in each module. These chapters will be combined for module exams. Each exam will consist of 50 questions that may include multiple choice, true/false, and/or matching. You will have 90 minutes to complete the exams. You will receive your grade when you submit your quiz.

Final Exam: A proctored Final Exam will be given during the last week of the semester. The Final Exam will be comprehensive and worth 50% of your grade. The exam will consist of 100 questions that may include multiple
choice, true/false, and/or matching. You will have two hours to complete the exam. This exam is closed book. You may not use your textbook, notes, power points, the Internet, friend, relative, or any other reference while taking the exams.

The exam must be taken in a proctored setting on or before the due date. If you live within a 50-mile radius of Midland, the proctored exam must be taken at the Midland College Testing Center. If you live outside of the 50-mile radius, you may want to locate a proctor to administer the final exam. An approved proctor location must be at a university or college testing center or a private testing center. Examples of non-approved proctor locations include employer’s education department, employer’s human resource department, high school counselor, or public librarian. The student will be responsible for any charges the center requires.

All students must complete a Proctor Agreement form. If you are within the 50-mile radius, just write on your form that you will take the exam at Midland College. Students that live outside the 50-mile radius will need to complete the student portion of the form and have the proctor complete their portion of the form. It is the student’s responsibility to complete the form, as well as have the proctor complete his portion, and then scan and upload it through the assignment box. **This form must be submitted no later than ______________.** If forms are not received by this date and time, the student will not be eligible to take the final exam.

**Evaluation of Students:**
- Discussion Board Assignments: 10%
- Quizzes: 20%
- Module Exams: 20%
- Proctored Final Exam: 50%

**All grades will be based on the following scale:**
- 90-100% = A
- 80-89% = B
- 70-79% = C
- 60-69% = D
- > 60 = F

“C” or better is required for a passing score.

**Limit to Repeat HIM Program Course:**
The HIM program policy effective Fall 2014 states that students are allowed two attempts for any required HIM program course beginning Fall 2014. Students who fail the clinical course have only one additional opportunity to pass the course. If neither attempt has a passing grade, the student will be dismissed from the program.

“Attempting a course” is defined as either 1) a failed grade or 2) a withdrawal (W).

**Academic Integrity:**
1. Cheating: Dishonesty on examinations and quizzes or written assignments, illegal possession of examinations, the use of unauthorized notes during an examination or quiz, obtaining information during an examination from the examination paper or otherwise from another student, assisting others to cheat, alteration of grade records, and illegal entry to or unauthorized presence in an office are all instances of cheating.
2. Plagiarism and Collusion: Offering the work of another as one’s own, without proper acknowledgement, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identical expression of material from books, encyclopedias, magazines, and other reference works (including the Internet), or from the themes, reports, or other writings of a fellow student or others, is guilty of plagiarism.

Students cheating or committing plagiarism are liable to serious consequences, including receiving a zero for the assignment and class. You are strongly advised to become familiar with official college policy. It can be found under the Scholastic Misconduct module in this class and at:  
[http://catalog.midland.edu/content.php?catoid=7&navoid=990#Scholastic%20Dishonesty%20and%20Academic%20Misconduct](http://catalog.midland.edu/content.php?catoid=7&navoid=990#Scholastic%20Dishonesty%20and%20Academic%20Misconduct)
Withdrawal from Course:
If a student elects to withdraw from the course to receive a “W”, it is the student’s responsibility to submit the online Withdrawal Form before the last date to withdraw of _____________. The form and rules may be found at: https://www.midland.edu/forms/admissions/withdrawal/

Americans with Disabilities Act (ADA):
Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester. Contact <http://www.midland.edu/students/student_services/career/disabilities.php> for more information or assistance.

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Instructor Information:
Instructor: 
Cell phone: 
Email: 
Office hours: 
I am happy to Skype with you if you prefer

Division Information: Health Sciences Davidson Family Health Science Bldg.
Division Dean: Carmen Edwards, MSN, RN
Division Secretary: Kay Floyd DHS Bldg. RM 206 432-685-4600
HITT Program Director:

The instructor retains the right to make changes to the course as needed.