

**Course Syllabus**  
**Biology 110**  
**Principles of the Human Body**

**Credits:** 3.0

**Semester:** Fall 2017

**Place:** Online

**Faculty:** Professor Frank Stellabotte, Ph.D.  
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**Text:** Human Biology: Concepts and Current Issues 8<sup>th</sup> Edition  
–Michael D. Johnson

### **Scope of the Course**

This is an introductory course dealing with the structure and function of the human organism and the issues facing humans in today's world. It is intended for students with a limited science background. While there is no English prerequisite please be aware that you are expected to read one or more chapters from the text book weekly, and that the course requires grammatically correct writing submitted weekly. If you anticipate that this may be a challenge for you, please contact that Academic Success Center to discuss writing tutoring in person or online.

### **Learning Outcomes**

Students who fulfill the requirements of the course will have an increased understanding and appreciation for the workings of the human body. They will be familiar with the terminology and physiology of the major organ systems. They will be able to review relevant information and provide original feedback in an online setting.

### **Course Requirements**

A common misconception about on-line courses is that they are “self-paced” - that you can do the work any time during the semester. This course is designed in one-week units (or **modules**), with various deadlines approximately every week to keep everyone working on the same material and better able to participate in discussions.

### **This is an Accelerated, Summer course.**

This course will require as much or more time as the equivalent course taught in the classroom. In a “regular” 3-credit course, you would meet in the classroom for 3 hours per week. Instructors generally expect that you will study 1 to 2 hours for every hour in the classroom, for a total of 6 to 9 hours per week. The same holds true for an on-line course, except that the 3 hours of in-class time will now be time that you are putting in on-line.

### **Reading Assignments**

As the course progresses students should become familiar with the topics in each chapter. Each topic includes important concepts and vocabulary with which the students will develop competencies. Readings from the text will provide the students with an introduction to these topics and a means for the student to continue their learning.

## **Module Assignments**

There will be an assignment associated with every module that will involve analysis of the chapters that have been read. You may use your text or any other source to complete the assignment. However, if the assignment is not submitted by the due date you will not receive any credit for that assignment.

## **Discussion Board Posts**

Students will also be required to post to a discussion forum and where indicated they will be required to post a reply to another student's post. If the discussion board posts and replies are not submitted by the due dates, you will not receive any credit for those posts.

## **Research Paper**

**The research paper first draft is due July 31<sup>st</sup> and the final draft is due August 15<sup>th</sup>.** It will be on a human disease or illness of your choice; the topic need not have been discussed in class. The paper will be 3 pages long, with a minimum of four references, two of which should be peer-reviewed journal articles; two of the sources should be published in the last 5 years. The paper should include a description of causes, symptoms, treatment, prevention and larger societal impact. Complete guidelines and rubric will be available on Blackboard..

## **Learning Accommodations**

Learning disabilities and accommodations (for example, on timed quizzes) are handled through Disability Support Services. Individual instructors cannot grant accommodations without the approval of Disability Support Services, but if you qualify, you should notify the instructor at the start of the course.

## **Problems**

If you are struggling with any aspect of the course, or unexpected personal difficulties or technical arise, you should always contact the instructor immediately. The instructor very much wants to see you succeed in the course and will make every effort to help you do so.

## **Withdrawal Policy:**

You may withdraw from this class any time before the end of the work day Tuesday, August 8th, 2017 at 4:30PM. A completed and signed withdrawal form must be on file in the Records Office in order to receive a "W" on your transcript. If you fail to complete this process on time, you will receive a letter grade at the end of the semester, which will include zeroes for any work not submitted. Course withdrawals may affect financial aid and veteran's benefits. Please make this decision carefully and with the help of your advisor. See the Academic Calendar and the College Catalog for specific dates and procedures regarding the withdrawal process.

## **Communication:**

The following are important points to consider when writing emails to any of the faculty with which you interact. I prefer to receive messages via email (not Blackboard messages) as I receive many email messages please keep the following in mind.

A polite email message consists of:

1. A salutation (e.g. Dear Dr. S.,)
2. The content of your message, written in grammatically correct English.
3. A sign off and your name (e.g. Thanks!, Jane Student)

Response time: I will usually respond to messages quite rapidly, I am not always able to do so. Messages received during the week will be responded to within 24 hours. Emails and messages received on the

weekends will be responded to within 48 hours. When in doubt, please check this syllabus, it probably has the answer to your questions.

### Evaluations

This course will be evaluated by ongoing assessment; there will be no formal exams. **DEADLINES ARE BY MIDNIGHT, Eastern Standard Time, of the DUE DATE listed.**

### Grading Rubric

Categories	Weight by %	Total Points
12 Assignments 60 points each (2 lowest assignment grades will be dropped)	60%	600
1 Introduction Post 4 Discussion posts 40 points each	20%	200
Final Paper First Draft	10%	100
Final Paper Final Draft	10%	100
	100%	1000

### Plagiarism and Academic Honesty Statement

“At Middlesex Community College we expect the highest standards of academic honesty. Academic dishonesty is prohibited in accordance with the Board of Trustees’ Proscribed Conduct Policy in Section 5.2.1 of the Board of Trustees’ Policy Manual. This policy prohibits cheating on examinations, unauthorized collaboration on assignments, unauthorized access to examinations or course materials, plagiarism, and other proscribed activities. Plagiarism is defined as the use of another’s idea(s) or phrase(s) and representing that/those idea(s) as your own, either intentionally or unintentionally.” (Board of Trustees’ Policy 5.2.1)

***Students caught cheating or plagiarizing can be failed for the assignment, failed for the class, or asked to leave school for the semester.***

**In order to provide a fair and consistent learning experience to all students, the instructor will adhere to all policies outlined in the syllabus throughout the course. As questions arise about the course, students are encouraged to refer back the syllabus.**

### IMPORTANT COLLEGE POLICIES!! PLEASE READ CAREFULLY!



For information about the college's policies and procedures regarding academic honesty, accessibility/disability services, attendance, audio-recording in the classroom, grade appeals, plagiarism, religious accommodations, weather and emergency closings, and more, please go to the following website:

[www.mxcc.edu/catalog/syllabus-policies/](http://www.mxcc.edu/catalog/syllabus-policies/) or scan the QR code with your smart phone. Also, please become familiar with the policies regarding nondiscrimination, sexual misconduct, and general student conduct at the following website: [www.mxcc.edu/nondiscrimination/](http://www.mxcc.edu/nondiscrimination/).

**Syllabus (Subject to Change)**

<b>Modules (Posting Date)</b>	<b>Topic</b>	<b>Book Chapter(s)</b>	<b>Assignment Deadline</b>	<b>Discussion</b>	<b>Discussion Deadline</b>	<b>Post a Response Deadline Date</b>
Module 1: 7/05	Introduction to Science and Chemistry of Living Things	Chapters 1 & 2	07/10	1. Introductions	07/10	n/a
Module 2: 7/10	Structure and Function of Cells and From Cells to Organ Systems	Chapters 3 & 4	07/14	2. Discussion 1	07/17	07/21
Module 3: 07/12	The Skeletal System	Chapter 5	07/17			
Module 4: 07/17	Blood, Heart and Blood vessels	Chapters 7 & 8	07/21			
Module 5: 07/19	The Immune System and Mechanisms of Defense	Chapter 9	07/24	3. Discussion 2	07/24	07/28
Module 6: 07/24	The Muscular System	Chapter 6	07/28	4. Submit Paper Draft	07/31	n/a
Module 7: 07/26	The Nervous System: Integration and Control Sensory Mechanisms	Chapter 11	07/31			
Module 8: 07/31	The Endocrine System	Chapter 13	08/04	5. Discussion 3	08/07	08/11
Module 9: 08/02	The Respiratory System: Exchange of Gases	Chapter 10	08/07			
Last Day to Withdraw is August 8, 2017						

Module 10: 08/07	Digestive System and Nutrition	Chapter 14	08/11	6. Discussion 4	08/14	08/18
Module 11: 08/09	The Urinary System	Chapter 15	08/14			
Module 12: 08/14	Reproductive Systems	Chapter 16	08/18	Final Paper Due	08/15	