

Course Syllabus
Biology 110
Principles of the Human Body

Credits: 3.0

Time: Fall 2017

Place: Online

Faculty: Professor Frank Stellabotte, Ph.D.
School of Allied Health, STEM, and Business
Middlesex Community College
Email: fstellabotte@mxcc.edu

Text: Human Biology: Concepts and Current Issues 8th 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.

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 course will require at least as much 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.

Last minute glitches can occur with computer equipment, and the instructor will allow one extension per student with no late penalty upon request. However, ongoing computer problems will not be an acceptable excuse for incomplete work; you are expected to have a backup plan that allows you to complete work on time throughout the semester.

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.

Weekly Assignments

Every week there will be homework assignments that will involve analysis of the chapters that we have read, and where relevant, and an anatomy quiz. Students will also be required to post to a weekly discussion forum. Work may be submitted up to three days past posted deadlines with a 20% late penalty. If serious circumstances prevent you from completing work within this time frame, you must notify the instructor prior to the late deadline. **Assignments submitted past 3 days after they are due will not be accepted.**

Communications

From time to time, problems arise and need to be addressed directly with students. This e-mail address will be the primary means for the instructor to communicate with individual students.

Learning Disabilities

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 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.

Evaluations

This course will be evaluated by ongoing assessment there will be no formal exams.

Grading Rubric

Categories	Weight by %	Total Points
15 Assignments 40 points each	60%	600
15 Discussion posts 20 points each	30%	300
Final Project	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.

Syllabus (Subject to Change)

Week: Date	Assignments & Discussion Deadline Date	Post a Response Deadline Date	Chapter of Book	Topic
Week 1: 1/25	1/30 <i>Extended to 2/3</i>	2/1 <i>Extended to 2/3</i>	Chapter 1	Introduction to Science
Week 2: 2/1	2/6	2/8	Chapter 2	Chemistry of Living Things
Week 3: 2/8	2/13	2/15	Chapter 3	Structure and Function of Cells
Week 4: 2/15	2/20	2/22	Chapter 4	From Cells to Organ Systems
Week 5: 2/22	2/27	3/1	Chapter 5	The Skeletal System
Week 6: 3/1	3/6	3/8	Chapters 7 & 8	Blood Heart and Blood vessels
Week 7: 3/8	3/20	3/22	Chapter 9	The Immune System and Mechanisms of Defense
Spring Break, March 13 - 19				
Week 8: 3/22	3/27	3/29	Chapter 6	The Muscular System
Week 9: 3/29	4/3	4/5	Chapters 11 & 12	The Nervous System: Integration and Control Sensory Mechanisms
Week 10: 4/5	4/10	4/12	Chapter 13	The Endocrine System
Week 11: 4/12	4/17	4/19	Chapter 10	The Respiratory System: Exchange of Gases
Week 12: 4/19	4/24	4/26	Chapter 14	Digestive System and Nutrition
Week 13: 4/26	5/1	5/3	Chapter 15	The Urinary System
Week: 14: 5/3	5/8	5/10 Post a Final Project Topic	Chapter 16	Reproductive Systems
Week 15: Final Project	5/14	5/15-Peer Critique/ Question	Chapter 18	Final Project: Cancer: Uncontrolled Cell Division And Differentiation

Religious Observances Statement.

If your religious obligations conflict with the course calendar requirements and you wish to request accommodation, you must make your request in writing prior to the date of the assessment or activity you will miss and preferably at the beginning of the semester. When requesting a make-up, assignment, or activity, state the reason for your request and the date(s) on which your religious obligation(s) will conflict with the course calendar requirements. Also, if your religious obligation/holiday is unfamiliar to your instructor, you may be asked to provide a calendar that shows the published date(s) of your religious observance(s) or holiday(s).

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/ 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/.