

BIOL 106L&L
Anatomy and Physiology II - Lecture
Department of Life Sciences
Winter 2013

Course Information

BIOL 106L&L– Anatomy and Physiology II
Credit Hours: 4 (6 contact hours)
Lecture Hours: 3 per week
Lab Hours: 3 per week
Prerequisites: C or higher in Biology 105

Catalog Description

This laboratory course is a continuation of Biology 105 for students in nursing and other health-related fields that need an intensive study of the anatomy and physiology of the human organism. Emphasis is on the skeletal, muscular, nervous, digestive, cardiovascular, respiratory, urinary, endocrine and reproductive systems of the human organism. **This course may include the dissection of animals.**

Faculty Information

Professor: Darren Mattone
Office Location: 243-C or Rm. 500 (Applied Technology Center)
Office Hours: See attached
Telephone: (231) 777-0398
Email: darren.mattone@muskegoncc.edu

Major Course Goals

Upon successful completion of the course, the student will have done the following:

1. Identify the organs and explain the general function of the organs in each major body system.
2. Describe the major physiological processes that occur in the body systems.
3. Relate the anatomical structures of the body systems with the physiological processes that are occurring within each those systems.
4. Analyze the interrelationships between the various body systems and how they work together.
5. Interpret various forms of physiological data.
6. Explain how the body systems maintain homeostasis in the face of continually changing conditions.
7. Make predictions about what might lead to changes in normal homeostatic mechanisms and the different disease states that could result from these changes.
8. Use relevant resources to analyze, hypothesize, and justify conclusions about homeostasis and physiological processes.
9. Work cooperatively with peers and appreciate the different values, knowledge, and interpretations that each individual brings to the course.

Required Course Materials

- Saladin, Kenneth. Anatomy and Physiology: The Unity of Form and Function, 6th Ed. ISBN: 9780073378251
- Mattone, Biology 106 Course Pack
- Mattone, Biology 106 Lab Supplement/Manual
- McGraw-Hill, Connect Code. **Note: A Connect code from Fall 2012 will work for Winter 2013.**
- Amerman, Erin. Exploring Anatomy and Physiology in the Laboratory. ISBN: 9780895827975 **(Note: Do not buy this book if you already have it from Biology 105. If you do not have it, you can purchase a small packet of just the pages that we will be using from this book.**

Recommended Course Materials

- Krieger, Paul. A Visual Analogy Guide to Human Anatomy and Physiology. ISBN: 9780895828019

Grading Policies

The lecture portion of this course will count as approximately 70% of your overall grade, with lab accounting for the remaining 30%. Course grades will be based on the following:

- 5 Lecture exams @ 100 pts = 500 points
- 4 BB lecture exams @ 25 pts = 100 points
- Connect Exercises = 40 points
- 1 Case Study @ 30 pts = 30 points
- Misc Lecture Quizzes and Exercises = 30 points
- 4 Lab exams @ 50 pts = 200 points
- Miscellaneous lab points = 100 points (quizzes, prelab, BB exercises, Connect exercises, PHILS)

Grading Scale

100 - 92.0	A	79.9 – 78.0	C+	61.9 – 60.0	D-
91.9 - 90.0	A-	77.9 – 72.0	C	59.9 or less	E
89.9 - 88.0	B+	71.9 – 70.0	C-		
87.9 - 82.0	B	69.9 – 68.0	D+		
81.9 - 80.0	B-	67.9 – 62.0	D		

- ***Please note that final grades are not rounded up or down.***

Blackboard

Blackboard will be used extensively during this term. Handouts will be available for download. It is highly recommended that you download these items PRIOR to the lecture and bring them to class. I will not be providing copies of these for you except through Blackboard. Any other handouts, review sheets, rubrics, assignments, etc., will all be distributed through blackboard unless otherwise stated.

To access blackboard:

- Go to <http://blackboard.muskegoncc.edu>
- Your username and password are the same as your network login.

Attendance Policy

While attendance is not required, it will be in your best interests to attend all lectures as this is a very fast-paced course with a significant amount of material to cover in only 15 weeks. If you stop attending class, the instructor reserves the right to automatically drop you from the course.

Exam Make-Up Policy

All exams must be taken on the scheduled date. If you miss exam due to illness or family emergency, you must make up the exam within 24 hours at the testing center. To make up an exam:

- You will need to call the testing center at 231-777-0394 to schedule an appointment.
- You need to email me a confirmation note listing the date and time that you will be making up the exam.

Failure to complete the missed exam within the 24-hour window will result in a zero. Please note that the make-up exam could be all short answer questions, all essay questions, or a completely different version of the exam than the one given during the lecture. Only 1 exam per semester may be made up outside of the regularly scheduled exam time.

Miscellaneous Notes

All student work will be returned to students in a timely manner. All exams will be kept by the instructor and destroyed two weeks into the following semester.

Statement on Student Assessment and Accreditation

Muskegon Community College is fully accredited by the Higher Learning Commission located in Chicago (<http://ncahlc.org/>). The Higher Learning Commission accredits degree granting postsecondary educational institutions in the North Central Region. Accreditation helps ensure students that they are receiving a quality education and can transfer to other colleges and universities with ease and confidence. MCC is committed to an essential part of the accreditation process: assessing student learning. You will likely be asked to participate in assessment activities as part of MCC's assessment of programs and general education.

Statement on MCC Email

All email Communication originating from MCC to students will be via their email account. CHECK YOUR MCC EMAIL FREQUENTLY.

Statement on Student Behavior

Muskegon Community College is a community of scholars whose members include administrators, faculty, staff, and students. Mutual respect and civility are expected in the classroom or other college academic settings, as well as, in any communication.

- MCC has the duty of providing students with privileges, opportunities, and protections that best promote learning;
- Students have the right to a non-threatening learning environment;
- Students have the responsibility to refrain from infringing on the right of others to learn or the right of teachers to teach; and
- Any student whose behavior disrupts learning may be subject to disciplinary action as outlined in the Muskegon Community College *Student Handbook/Planner*.

Academic Integrity Policy

Muskegon Community College expects that all faculty and students will adhere to high standards of personal and academic honesty. This means that all academic work will be done by the student to whom it is assigned without unauthorized aid of any kind. Faculty members, for their part, will exercise care in the planning and supervision of academic work so that honest effort will be positively encouraged.

Academic dishonesty consists of, but is not limited to:

- Cheating. Cheating is defined as using or attempting to use, giving or attempting to give, and obtaining or attempting to obtain, materials or information, including computer material pertaining to a quiz, examination, or other work that a student is expected to do alone.
- Plagiarism. Plagiarism is defined as the use of another's words or ideas without acknowledgement.
- Penalties for violation of these standards of conduct may result in sanctions of up to and including suspension or expulsion from MCC.

Statement on Dispute Resolution Process

Should a student not agree with a faculty member's decision or actions as they may relate to this policy, the following steps shall be followed:

1. A student suspected of academic dishonesty shall be notified in writing within two school days of the time the violation is discovered. Copies of the written notification shall also be filed with the department chair and Vice President of Student Services.
2. The student should try to reach resolution of the matter through direct discussion with the involved faculty member within three (3) school days of the written notification.
3. If the matter is not resolved in Step 2, the student shall bring the matter to the attention of the department chairperson of the involved faculty member.
4. If the matter is not resolved at the department chairperson level, the student shall bring the matter to the attention of the Vice President for Academic Affairs who shall render a decision within five school days of the receipt of the dispute information.
5. If a satisfactory solution is not reached at the Step 4 level, the student may file a written request with the Vice President of Student Services for a hearing before the disciplinary board. This meeting shall be held not more than 20 days following the written request. A student may request a hearing before the disciplinary board. The disciplinary and judicial procedures are outlined in the Muskegon Community College *Student Handbook/Planner*.