

CRN: 1061

LECTURES: Mon. 05:30 – 06:20 PM E-440
Wed. 05:30 – 07:20 PM E-440
LAB: Mon. 06:35 – 09:20 PM E-438/440
Note:
Pre-Lab Talk may be in Room E-440.

CRN: 1242

LECTURES: Tues. 12:45 – 01:35 PM E-440
Thurs. 12:45 – 02:25 PM E-440
LAB: Tues. 01:50 – 04:35 PM E-438/440
Note:
Pre-Lab Talk may be in Room E-440.

Biology 212: Spring 2012

ANATOMY & PHYSIOLOGY II

TENTATIVE SYLLABUS; Objectives and Outcomes will be added and will be in harmony with other sections.
See the Binder Summaries for detailed information regarding Topics and Testing Dates for your section.

Dr. Lawrence G. Altman
www.LawrenceGAltman.com

COURSE TITLE:

Biology 212 - Anatomy and Physiology II

COURSE DESCRIPTION:

Lecture and laboratory.

Emphasis is on the reproductive, endocrine, cardiovascular, respiratory, digestive and excretory systems of the human body.

COURSE PREREQUISITE:

Completion of Biology 211 (grade of "C" or better) or permission of the Instructor and the Division Director.

TEXTBOOKS:

You will NOT be required to purchase a new Hole's 12th edition. Editions 08 – 11 are OK also!
A&P Students from other instructors (BIO 211) may use their previous books.
The following info regarding the 10th edition might assist you on getting an inexpensive price for a used text.

Shier, D., Butler, J. and Lewis, R., *Hole's Human Anatomy and Physiology*, (10th edition).
WCB/McGraw Hill, Boston, MA, 2003. (ISBN = 0-07-243890-8)

Martin, Terry R., *Laboratory Manual for Hole's Human Anatomy and Physiology*, (10th edition).
WCB/McGraw Hill, Boston, MA, 2003. (ISBN = 0-07-243891-6)

Morton, D. and Perry, J., *Photo Atlas for Anatomy and Physiology*.
Wadsworth Publishing Company, New York, NY, 1998. (ISBN = 0-534-51716-1)

COURSE OBJECTIVES:

By the end of this course the student should be able to:

1. Identify and describe the major components of the cardiovascular system and explain the functions associated with the system.
2. Name and discuss the major components of the lymphatic system and explain their roles in fluid dynamics and immunity.
3. Name the major components of the digestive system and explain their roles in digestion, absorption, nutrition and metabolism.
4. Identify and discuss the components of the respiratory system and explain the processes of breathing, gas exchange and gas transport.
5. Identify the major components of the urinary system and explain the process of urine formation and elimination.
6. Describe the homeostatic mechanisms that control fluid/electrolyte and acid/base balance.

COURSE OBJECTIVES: *cont.*

7. Describe the major organs of the endocrine system naming the hormones secreted and the actions of the various hormones.
8. Identify and describe the major components of the male and female reproductive systems and explain the functions of the individual components.
9. Discuss the processes involved in human growth and development especially those pertaining to the effect of genes.

STUDENTS WITH SPECIAL NEEDS:

Students who may require accommodations on the basis of a learning disability are encouraged to contact the Coordinator of Learning Disabilities. Students who may require accommodations on the basis of all other disabilities should contact the Coordinator of Disability Services. After providing documentation and completing the disability disclosure process, students are then encouraged to meet with their instructor(s) to discuss the accommodations approved by the appropriate Coordinator and to complete the Accommodations Agreement form. Accommodations are not retroactive, students are therefore encouraged to meet with their instructor(s) at the beginning of each semester. Instructors, in conjunction with appropriate college personnel, will provide assistance and/or accommodations only to those students who have completed the disability disclosure and accommodations process.

PLAGIARISM AND ACADEMIC HONESTY:

"At NVCTC 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 BOT 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 you own, either intentionally or unintentionally."

Violations will result in a non-negotiable grade of "F" for the course.

ATTENDANCE POLICY:

Students are expected to attend all lecture and laboratory sessions.

Missing 3 labs will lower the Final grade, regardless of the grades received on written tests.

CLASS CANCELLATION PROCEDURE:

If school is cancelled on the day a lecture test is scheduled, the test will be held during the next regularly scheduled lecture period. Likewise, if school is cancelled on the day a lab test is scheduled, the test will be held during the next regularly scheduled lab period.

An alternative assignment may be given if classes are canceled due to weather. Check our course website.

WITHDRAWAL POLICY:

The last day for **student-initiated** withdrawal is Wednesday, **April 25, 2012**. A student wishing to withdraw from this course must submit the appropriate form to the Registrar's Office by this date.

Failure to do so may result in the student receiving an F for the course.

CELLULAR PHONES:

In the Spring of 2000, the professional staff of NVCC ratified the following statement which is now college policy:

"Students are hereby notified that cellular phones and beepers are allowed in class only if they are turned off or turned to a silent mode. Under no circumstances are telephones to be answered in class. Students who ignore this policy may be asked to leave class. When there are extenuating circumstances that require that a student be available by phone or beeper, the student should speak to the instructor prior to class, so that together they can arrive at an agreement concerning the device."

AVAILABILITY OF LAB MATERIAL:

Students are not permitted to study laboratory materials in an unsupervised lab. If a student would like additional time to study lab materials, a limited amount of these materials will be available for independent study in the **ACE (Room 500) on the 5th Floor of Ekstrom**.

Check the posted schedule for that room. Materials should not be removed from this location.

GRADING PROCEDURES:

Final grades will be based on the total number of points accumulated throughout the semester. The point distribution will be as follows:

		<i>Total:</i>
LECTURE:	3 Lecture Tests @ 100 points	300 points
LAB:	3 Lab Tests @ 50 points	150 points
	1 Lab Test @ 100 points	100 points
FINAL EXAM:	1 Cumulative Final Exam	200 points

The *course grade* will be calculated on a *percentage basis out of 650 points*.

Since there are **750 points shown above**, the instructor will drop the lowest 100 points.

The Final Examination may not be dropped.

There are no makeup exams. If you miss an exam for any reason, that grade will be dropped.

Final course letter grades (determined on a percentage basis) will be determined as follows:

A	4.0	Excellent		C	2.0	Average
A-	3.7	Excellent		C-	1.7	Below Average
B+	3.3	Good		D+	1.3	Poor
B	3.0	Good		D	1.0	Poor
B-	2.7	Good		D-	0.7	Poor
C+	2.3	Average		F	0.0	Fail

MAKEUP POLICY:

As stated above:

If you miss any Test, you will receive a grade of zero.

In light of this policy, there are no makeup exams. Please do not ask for one.

Since we drop the lowest 100 points, a makeup test would be “double-dipping.”

OFFICE LOCATION AND TELEPHONE:

Office: E-427

Telephone: 203-596-8715 Monday to Thursday when classes are in session.

E-Mail: Weekdays: **LAltman@nvcc.com** (Monday to Thursday when classes are in session).

Other times: **www.lawrencegaltman.com** (Weekends and when classes are not in session).

NOTE: Mail originating from my course website is ***always*** sent to my home computer.

SCHEDULED OFFICE HOURS: (also by appointment)

4:40 – 5:30 PM:	Tuesdays	E427	Tu/Th section; others, please notify ahead.
3:30 – 4:45 PM:	Wednesdays	E427	
7:20 – 8:10 PM:	Wednesdays	E427/E440	Mon/Wed section; others, please notify ahead.
2:25 – 4:30 PM:	Thursdays	E427/E440	Tu/Th section; others, please notify ahead.
<i>Also Note:</i>			
3:15 – 4:30 PM:	Mondays	ACE (Academic Center for Excellence)	
On most days, I check the ACE before leaving the college.			

Dr. Altman’s **Daily Schedule** is posted on his office door (E-427) and at ***www.LawrenceGAltman.com***. Occasionally, the Department, Division or committees may schedule meetings during Office Hours. Every effort will be made to provide students with advance notice.

■ **HOW TO LEARN IF YOUR CLASSES ARE BEING HELD**

■ *Note: All of this information (including live links) is on our website's Homepage.*

■ *www.LawrenceGaltman.com*

Please use the following sources of information for a possible closure, early closure, or late opening:

MYCOMMNETALERT:

You get a text message on your cell phone.
Please register on the college's website.

THE COLLEGE'S WEBSITE:

Use the link to CTWeather.com

CALL THE COLLEGE'S MAIN NUMBER AT 203-575-8000 AND FOLLOW THE PROMPTS.

RADIO and TV ANNOUNCEMENTS ARE NOT RELIABLE:

The exact time of a late opening may not be given.

Also with a 6:30 a.m. time block beginning this spring, a 90-minute delay is now 8:00 a.m., not 9:30 a.m. A 3-hour delay is 9:30 a.m.

If you use one of the above sources, the exact time of delay will be given, and you will not have to guess.

WATERBURY and DANBURY COMPARISONS:

If the Waterbury campus closes, the Danbury campus will also be closed.

It is still possible that the Waterbury campus will be open for classes, even if the Danbury Public schools and the Danbury campus are closed.

Again, check the sources listed above.

DELAYED START TIMES for SUNDAY CLASSES:

Classes ordinarily scheduled to begin before a delayed start time **will meet** at the delayed start time.

For example, if a class begins officially at 11:45 a.m., but the delayed start is 1:00 p.m., the class will begin at 1:00 p.m. on that day only.