

## BIO 141 - HUMAN ANATOMY & PHYSIOLOGY I - FALL 2015

### Lecture Schedule & General Information

**Instructor:** Dr. Michelle R. Gaston

**Contact Information:** mgaston@nvcc.edu ~ (703) 845-6282  
<http://blogs.nvcc.edu/mgaston/>

**Office Hours:** Tues & Thurs 11:00am-12:30pm (352 Bisdorf)  
Thurs 2:00-5:00pm (352 Bisdorf)  
Wed 12:30-4:30pm (appointments only; 352/415 Bisdorf)

**Mastering A&P Website:** [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com)

**Course Name:** 141\_Gaston\_Fall2015\_MW

**Course ID:** gaston13719



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**Course Description:** This course integrates anatomy & physiology of cells, tissues, organs, and systems of the human body. Lecture: 2.75 hours per week; Laboratory: 2.75 hours per week.

Complete course content summary: <http://www.nvcc.edu/academic/coursecont/summaries/BIO141.pdf>

#### Course Books:

- 1) Human Anatomy & Physiology (10<sup>th</sup> Edition) by Marieb & Hoehn  
(Mastering A&P access is optional)
- 2) Anatomy & Physiology Laboratory Manual [Customized for Bio 141/142 Labs]  
(12<sup>th</sup> Edition) by Marieb & Smith (ISBN: 9781269816991)

**Attendance:** Regular attendance is expected. Please be ON TIME to prevent disturbing other students. You are responsible for the material covered whether you attend class or not. If you know you will be absent ahead of time, please let me know.

**Class Cancellation:** If class is cancelled on the day of an exam or due date of an assignment, the event is rescheduled for the next class. If class is cancelled the day of the final exam, students must check Blackboard &/or contact me for the make-up date/time. If the college is scheduled to re-open at a time when at least 45 minutes of class remains, class will be held & you will be expected to attend. Check the following website for information on campus closings/class cancellations: <http://www.nvcc.edu/emergency/>

**Laboratory:** Lab will begin on August 24, 2015. The lab schedule & other documents may be found at the following address: <http://blogs.nvcc.edu/albio/>

**Grading:** Your lecture grade is based on 3 exams (150 points each), online Mastering assignments (150 points total for all assignments from all chapters combined), & homework assignments (points to be determined). The lowest of the first 2 exam scores or the Mastering assignments will be dropped (you can NOT drop the 3rd exam). Lecture makes up 70% of your total grade, & lab makes up the remaining 30%. Students must pass **both** lecture & lab in order to receive a passing grade for the course.

*How to calculate your grade. . .*

$$\text{Lecture \%} = \frac{\text{total points received}}{\text{total points possible}} \times 100$$

$$\text{Lab \%} = \frac{\text{total points received}}{\text{total points possible}} \times 100$$

$$\text{Overall Course \%} = (0.7 \times \text{Lecture \%}) + (0.3 \times \text{Lab \%})$$

*Letter grades assigned to Overall Course % . . . A = 90-100% B = 80-89% C = 70-79% D = 60-69% F = 59% & below*

**Make-up Exams:** NO make-up exams will be given. Exceptions will be considered on a case-by-case basis in the event of a CRISIS (such as the death of an immediate family member) or other critical EMERGENCY (such as admission of yourself to a hospital). Inform me as soon as possible if such a circumstance arises. Documentation will be required, & an exception may only be made for one lecture exam (or for only one lab exam). If your exception is approved, the *missed exam will be given during the last week of classes* in the current semester, & the *format of the exam may differ* from the original exam. Students missing an exam without notifying me will receive a grade of zero that can not be dropped.

**Drop/Audit/Withdrawal:** The last day to drop this course & receive a tuition refund OR switch to audit is **Sept 10, 2015**. A student may withdraw from the course without grade penalty by **Nov 3, 2015**. After the withdrawal deadline, students must submit a written petition (with supporting documentation) to me for a withdrawal to be considered. Poor performance is NOT a valid reason for withdrawing after the deadline. If the petition is not made or not approved, the student will receive a grade based on the work he/she completed out of the total points possible.

**Cheating:** Academic dishonesty, such as plagiarism & cheating, will NOT be tolerated. Plagiarism includes (but is not limited to) directly copying work from any source or failing to properly cite any source used to complete assignments. Cheating includes (but is not limited to) giving or receiving assistance when you are expected to do the work on your own. Any students suspected of academic dishonesty will be subject to a re-examination on the material; any students caught being academically dishonest will be given an automatic zero for the assignment (which can not be dropped) & potentially a failing grade for the course. The incident may also be reported to NOVA Cares/Dean of Students & may become part of a student's academic record.

**Classroom Disruptions:** Please respect your classmates & instructor by not being disruptive during class. Any disruption of class activity can result in dismissal from class & a reduction of your course grade. *Please silence all cell phones, laptops, tablets, etc. in class.* If sounds from such devices are heard during class, you will lose **5 points** for each offense.

**Tutoring, Writing, & Disability Services:**

Tutoring at the Academic Success Center—<http://blogs.nvcc.edu/asc/>

Writing at the Writing Assistance Center—<https://www.nvcc.edu/alexandria/writing/index.html>

Disability Services—<http://www.nvcc.edu/disability-services/>

*If you have special needs and/or require special accommodations, please address these with me at the beginning of the course. Reasonable accommodations will only be made for students who have a verifiable need. If you are seeking accommodations based on a disability, you must provide a disability data sheet that can be obtained from a counselor for disability services.*

\* *The course schedule will be followed as closely as possible; however, check Blackboard for updates.* \*

For information on how to use Blackboard, see <http://www.nvcc.edu/stutechnology/index.html>

*(The instructor reserves the right to alter the syllabus as necessary during the semester.)*

DATE	TOPICS	TEXT CHAPTERS
8/26	The Human Body: An Orientation	Ch 1
9/2	Chemistry Comes Alive	Ch 2, Ch 24 (pg 924-933)
9/9	Cells: The Living Units	Ch 3, Ch 27 (pg 1036-1039)
9/16	Tissue: The Living Fabric	Ch 4
9/23	The Integumentary System Bones & Skeletal Tissues	Ch 5 Ch 6
9/30	<b>EXAM 1—Ch 1, 2, 3, 4, 24, 27 (Mastering assignments due)</b> Bones & Skeletal Tissues	Ch 6
10/7	The Skeleton Joints	Ch 7 Ch 8
10/14	Muscles & Muscle Tissue	Ch 9
10/21	The Muscular System	Ch 10
10/28	<b>EXAM 2—Ch 5, 6, 7, 8, 9, 10 (Mastering assignments due)</b> Nervous System & Nervous Tissue	Ch 11
11/4	Nervous System & Nervous Tissue	Ch 11
11/11	Central Nervous System	Ch 12
11/18	Peripheral Nervous System & Reflex Activity	Ch 13
11/25	<b>Thanksgiving Break ~ No class</b>	
12/2	Autonomic Nervous System Special Senses	Ch 14 Ch 15
12/9	Special Senses	Ch 15

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Wed, Dec 16th  
5:30pm

**EXAM 3—Ch 11, 12, 13, 14, 15 (Mastering assignments due)**