

VALENCIA COLLEGE
COURSE SYLLABUS: BSC 2093C
ANATOMY AND PHYSIOLOGY I

CREDIT HOURS: 4
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BSC 2093C is the first part of the Human Anatomy and Physiology course. Systems studied in A & P I are:

Human Body - Orientation	-	Ch. 1
Chemistry - Biochemistry	-	Ch. 2
Cells	-	Ch. 3
Tissue	-	Ch. 4
Integumentary System	-	Ch. 5
Bones and Bone Tissue	-	Ch. 6
The Skeleton	-	Chs. 7-8
Joints	-	Ch. 9
Muscles - Muscle Tissue	-	Ch. 10
The Muscular System	-	Ch. 11
Nervous System and Tissue	-	Ch. 12
Peripheral Nervous System	-	Ch. 13
Central Nervous System	-	Ch. 14
Autonomic Nervous System	-	Ch. 15
Special Senses	-	Ch. 16
Neural Integration	-	Ch. 17
Endocrine	-	Ch. 18

REQUIRED TEXTS:

Human Anatomy and Physiology, Tortora, Derrickson
Laboratory Exercises in Anatomy and Physiology, Allen & Harper, 5th edition
Course Outline - Anatomy and Physiology I - Dr. C. B. Galloway (via Faculty Front Door)

GRADING POLICY: Point System

Divide number of points earned by number of total points possible. Points earned come from various sources:

1. Lecture Exams:
 - 1) Chs. 1 - 3 125 Points
 - 2) Chs. 4 - 5 125 Points
 - 3) Chs. 6 - 8 125 Points
 - 4) Chs. 9 - 11 125 Points
 - 5) Chs. 12 - 14 125 Points
 - 6) Chs. 15 - 17 125 Points

2. Final Exam: 250 Points
 - Ch. 18 20%
 - Comprehensive 80%

3. Lab Practicals: (x 2) 200 Points

4. Lab Grade 100 Points (See guidelines below)
1300 Points

Grading:

- A = 90 - 100%
- B = 80 - 90%
- C = 70 - 80%
- D = 60 - 70%
- F = Below 60%

GUIDELINES:

1. The pace of this course is demanding and requires your full participation and effort.

2. Regular attendance in the lab is crucial for satisfactory performance and grading:
 - a. Each lab is worth 5 points
 - b. Absence from lab – one point deduction from the lab grade
 - c. Leaving lab early without completing the assignment – one point deduction from lab grade
 - d. Turning in lab assignment beyond the due date – one point deduction from lab grade
 - e. Arriving late and thereby disrupting class – one point deduction from lab grade
 - f. Unsatisfactory performance on lab exercises – monitored by spot checking answers – deduction from lab grade per error
 - g. No eating or drinking in the lab or lecture room

3. Makeup Tests: There will be no lab practical makeups. There will also be no makeup lecture exams unless extraordinary circumstances develop and then only with my approval. Medical excuses must be covered by a doctor's note. No makeup exams unless I am notified prior to the exam. If satisfactory arrangement is not made with me prior to the exam, a grade of zero may be given. All test grades will count – the poorest grade will not be dropped under any circumstances. Every student must take every test in the course.

If I am not notified of any absence prior to the time of the test – points will be deducted from the test grade. In addition the test must be made up at the earliest possible time (this will be determined when the student contacts me prior to the exam).

4. Proper classroom etiquette is required for you to attend this class. Please do not talk in class while the professor is lecturing. Repeated warnings for improper classroom behavior, followed by the calling of security, will be grounds to be dropped from the course without a refund.
5. College policy forbids children from attending lectures or labs.
6. Beepers and portable telephones that emit an audible sound are not allowed in lectures or labs.
7. Grades will be discussed only between the student earning them and the professor. Grades will not be discussed over the telephone.
8. Academic dishonesty will not be tolerated. Cheating and/or plagiarism and disruptions in lecture or lab can and will result in academic penalties.
9. Consultation with the professor is available Tuesday and Thursday from 1-2 p.m., by appointment or may be arranged on an individual basis in person or by telephone.

WITHDRAWAL DEADLINE:

The date for withdrawal without penalty for this session is November 11, 2016.

Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals) – A student who withdraws from class before the established deadline for a particular term will receive a grade of “W.” A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of “W.” Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of “F.” For a complete policy and procedure overview on Valencia Policy 4-07 please go to: <http://valenciacollege.edu/generalcounsel/policy/>.

STUDENTS WITH DISABILITIES:

Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities. (West Campus SSB 102, Ext. 1523)

DISCLAIMER:

Syllabus and/or course schedule may be altered at the discretion of the professor.

ATTENDANCE POLICY:

Attendance is mandatory. All clinical/laboratory excused absences must be made up to the satisfaction of the instructor. Two absences are considered excessive by VC policy. A student with two or more absences may be dropped from the course. The student is expected to arrive on time. Two tardy arrivals or early departures will be equal to one absence. The student is expected to notify the instructor in advance of any anticipated tardy arrivals, early departures, or absences (this is considered "excused" absence. Only "excused" absence can be made up. Unexcused absences will result in a drop in grade for each offense. It is the responsibility of the student, not the instructor, to initiate and serve any and all makeup time. All tests must be taken.

STUDY TIPS:

1. Attend class regularly - you must be there to avail yourself of teaching tips and techniques. Many points of information are discussed in addition to what is on the outlines.
2. Prepare daily (even Friday). Make no mistake about it – school is hard work! To be successful, you need to prepare before class and analyze information soon afterward. Make sure that you come to class prepared.
3. Take detailed notes. Try paraphrasing (taking notes in your own words). Don't just copy what is on the board – take copious notes on what was discussed, what overheads you viewed, etc.
4. Recopy your notes. At least go over your notes nightly and use a magic marker to highlight the most important points.
5. Read the book. Especially read the parts that I emphasize. Mark in your book (this does not decrease the resale value of your book....tearing out pages does that!
 - scan it once briefly before the topic is discussed in class so that you know a little bit about the topic.
 - read it in detail after the topic is discussed in class, and highlight all important parts (these portions can also be transferred to your notes).
 - before the exam, reread the highlighted portions of the text.
6. Use flash cards. List a key word on the front and write a definition or explain a concept on the back. They are great study guides at test preparation time.
7. Allow ample time to study. This technique prevents cramming the night before an exam. For each hour in class, at least three hours outside of class are usually necessary for proper study time – more if science is difficult for you.
8. See a tutor. Free-of-charge tutoring is available.
9. Join a study group. Studies have shown the effectiveness of such groups. Going over notes and quizzing one another are possible benefits.

VALENCIA COMPETENCIES ADDRESSED IN THIS COURSE:

Valencia faculty have defined four interrelated competencies (Value, Think, Communicate, Act) that prepare students to succeed in the world community. These competencies are outlined in the College Catalog. In this course, through classroom lecture and discussion, group work, and other learning activities, you will further develop your mastery of these core competencies.

- A. Value
Make reasoned value judgments and responsible commitments.
- B. Think
Think clearly, critically, and creatively. Analyze, synthesize, integrate, and evaluate in many domains of human inquiry.
- C. Communicate
Communicate with different audiences using varied means.
- D. Act
Act purposefully, reflectively, and responsibly.

**BSC 2093C
ANATOMY & PHYSIOLOGY I
COURSE SCHEDULE (TENTATIVE)
DR. GALLOWAY**

<u>DATE</u>	<u>LECTURES AND EXAMS</u>	<u>LAB EXERCISES</u>
August	29 (T) Introduction; Chapter 1	----
	31 (R) Chapter 2	Exercises 1-2
September	5 (T) Chapter 3	----
	7 (R) Chapter 4	Exercises 5-6-7
	12 (T) <u>EXAM 1</u> – (Chapters 1-2-3); Chapters 4-5	----
	14 (R) Chapters 5-6	Exercise 8-9
	19 (T) Chapters 6-7	----
	21 (R) <u>EXAM 2</u> – (Chapters 4-5); Chapter 7	Exercises 9-10
	26 (T) Chapters 7-8	----
28 (R) Chapter 8	Exercises 11-12	
October	3 (T) Chapter 9	----
	5 (R) -----	Lab Review
	10 (T) <u>EXAM 3</u> – (Chapters 6-7-8) ; Chapter 10	----
	17 (T) Chapter 11	----
	19 (R) Chapter 11	LAB PRACTICAL 1
	24 (T) Chapter 12	----
	26 (R) Chapters 12-13	Exercises 14-15
	31 (T) <u>EXAM 4</u> – (Chapters 9-10-11); Chapter 13	----
November	2 (R) Chapter 14	Exercises 16-20-21
	7 (T) Chapter 14-15	----
	9 (R) Chapter 15	Exercises 17-18-19
	14 (T) <u>EXAM 5</u> – (Chapters 12-13-14); Chapter 16	----
	16 (R) Chapter 16	Exercise 24
	21 (T) Chapter 17	----
	28 (T) <u>EXAM 6</u> - (Chapters 15-16-17); Chapter 18	----
	30 (R) -----	Lab Review
December	5 (T) Chapter 18 – Course Review	----
	7 (R) Course Review	LAB PRACTICAL 2
	12 (T) <u>FINAL EXAM</u>	