

Biology 20 Syllabus Fall Semester 2018

Phone :638-3641 ext 3715 Office LFS 5
Office Hours: Tuesday and Thursday 8:00-9:00 AM ,
Wednesday 8-9AM, and Friday 9-11AM (10-11 will be the Virtual
Office Hour); From 10-11 please contact me by email.
Email: rosemarie.elizondo@reedleycollege.edu

Description: Biology 20 is a 4 unit course on Human Anatomy. This course provides the basic understanding and working knowledge of the human body with the emphasis on the structure and function of the body at several levels: cellular, tissue, organ, system, and organismal.

- I. Prerequisite: Successful completion of Biology 1 or Biology 5 or Biology 11A or 11B.

- II. Recommended: college chemistry course or equivalent and following the recommended course sequence.

- III. Required materials:
 - a. Martini, Timmons, & Tallitsch, Human Anatomy, 9th Edition, Pearson Benjamin Cummings.
 - b. Lab Manual for Exploring Anatomy, by Amerman
 - c. Lab Manual Rentals are NOT acceptable or allowed.

- IV. The course objectives are:
 - a. Identify the structure and function of each system
 - b. Develop important critical thinking skills as they evaluate lecture topics and laboratory observations and experiments
 - c. Learn how to use scientific method
 - d. Develop important manual dexterity skills
 - e. Satisfy a basic requirement for a variety of biological, medical, physical education, and health oriented programs

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| V. | Evaluation of Student Progress | |
| | Lecture – 3 lecture exams at 100 points each | 300 |
| | Lecture Lab Quizzes 10 at 20 points each | 200 |
| | Lab Exams – 3 at 100 points each | 300 |
| | Lab Reports – 15 at 15 points each | <u>225</u> |
| | Estimated Total Points for the semester | 1025 points |

Grades will be assigned on a percentage basis:

| | | | | |
|----------|----------|----------|----------|--------------|
| 100-90 | 89-80 | 79-70 | 69-60 | less than 60 |
| A | B | C | D | F |

ALL completed exams and scantrons will be kept by the instructor. If an exam or scantron is removed from the classroom or a picture is taken of it, this is grounds for dismissal.

Extra Credit-there will be the opportunity to earn no more than 30 points throughout the semester. Extra credit may not be used on a 69% or lower cumulative class grade.

VI. Attendance Policy

- a. Students are expected to attend all class sessions. Sign in sheets will be used and each student must sign in for himself ONLY.
- b. Excessive unexcused absences of 8 hours of lab and/or lecture (prior to the drop date), lack of participation, etc. may be causes for a student to be dropped from this course. Excessive tardies will NOT be tolerated (three tardies equals an absence). It is imperative to be on time to the laboratory as the introduction is done during the first 30-60 minutes. All special announcements are made in the first 10-15 minutes. If you miss 8 hours or more of this class after the ninth week, it may result in the lowering of your grade by one letter grade.
- c. **NO cell phones or beepers, etc. are allowed to go off or be used during this class. If they ring or are used during a test or quiz, the student will receive a 0 for that exam or quiz. You cannot make up these assignments. No cell phones, smart watches, etc may be on your person during a quiz or exam! You are responsible for downloading the lecture outlines prior to the class. These are to be used for lecture.**
- d. If you have a verified need for an academic accommodation or materials in alternate media (i.e. Braille, large print, electronic text, etc.) per the

Americans with Disabilities Act (ADA) OR SECTION 504 OF THE Rehabilitation Act, please contact me as soon as possible.

- e. Lab reports are due in each successive lab period at the beginning of the lab period. All work is due on the assigned date. **Nothing will be accepted late.**
- f. Plagiarism will not be tolerated and may result in the loss of points to expulsion.
- g. Drop Deadline is _____.

“With this statement on my course syllabus, I am referring each of my enrolled students in need of academic support to tutorial services. Referral reason: Mastering the content, study skills, and basic skills of this course is aided by the use of trained peer tutors”.

VII. Tentative Lecture and Lab Outline – I reserve the right to change this with notice.

| <u>Lecture</u> | <u>Lab</u> | <u>Text Reading</u> |
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| Week 1: History, Anatomical Terminology, Quadrants & Regions Lab Report 1 | | Ch 1 |
| Week 2: The Cell – Mitosis and Meiosis Lab Reports 2 & 3 | | Ch 2 |
| Week 3: Histology and the Integument Lab Report 4 & 5 | | Ch 3 & 4 |
| Week 4: Digestive System Lab Report 20 | | Ch 25 |
| Week 5: Urinary System Lab Report 21 | | Ch 26 |
| Week 6: Lecture and Lab Exams | | |
| Week 7: Skeletal System Lab Report 6 & 7 | | Ch 5,6,7 |
| Week 8: Muscular System Lab Report 9 | | Ch 9,10,11 |
| Week 9: Articulations Lab Report 8 | | Ch 8 |

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| Week 10: Endocrine System Lab Report 14 | Ch 19 |
| Week 11: Reproductive System Lab Report 22 | Ch 27 & 28 |
| Week 12: Lecture and Lab Exams - 2 | |
| Week 13: Nervous System Lab Report 10, 11, & 12 | Ch 14-17 |
| Week 14: Cardiovascular System Lab Reports 15,16, & 17 | Ch 20-22 |
| Week 15: Special Senses Lab Report 13 | Ch 18 |
| Week 16: Respiratory System & Lymphatic Lab Reports 19 & 18 | Ch 24 & 23 |
| Week 17: Lab Exam 3 in lab period | |
| Week 18: Final Lecture Exam | |