

## Course Info



**RIO SALADO COLLEGE**

A MARICOPA COMMUNITY COLLEGE

## Intro to Humn Anat & Phy

BIO160 27582 Fall 2019

Start Date: Sep 16, 2019

End Date: May 29, 2020

Credits: 4

Modality: In Person

## Instructor Information

**Name:** Ms. Mougharbel

**Contact Information:**

Email: [hmougharbel@heritageacademyaz.com](mailto:hmougharbel@heritageacademyaz.com)

**Location:** RM 342

**Office Hours:** Monday & Wednesday (3pm - 4pm)

**Website:** [msmougharbel.weebly.com](http://msmougharbel.weebly.com)

## Course Competencies

### Official Course Description

Principles of scientific method. Structural organization, homeostasis and control mechanisms of the body. Specific chemistry concepts. Structure and function of the major systems of the body. Prerequisites: None.

### Official Course Prerequisites

None

### Official Course Competencies

1. Describe principles of scientific method. (I)
2. Describe the structural organization of the body. (II)
3. Describe homeostasis and homeostatic control mechanisms. (III-XV)
4. Describe specific chemistry concepts of the body. (IV-XV)
5. Describe the structure and function of the integumentary system and body membranes. (V)
6. Describe the structure and function of the skeletal system and joints. (VI)
7. Describe the structure and function of the muscular system. (VII)
8. Describe the structure and function of the nervous system. (V-XV)
9. Describe the structure and function of the endocrine system. (V-XV)
10. Describe the structure and function of the cardiovascular system. (X)
11. Describe the structure and function of the lymphatic system and immunity. (XI)
12. Describe the structure and function of the respiratory system. (XII)
13. Describe the structure and function of the digestive system. (XIII)
14. Describe the structure and function of the urinary system. (XIV)
15. Describe the structure and function of the reproductive system. (XV)

## Course Materials

### Required Course Materials

Title	Edition	Author	ISBN
Hole's Essentials of Human Anatomy & Physiology	10th Edition	David Shier, Jackie Butler, Ricki Lewis	9780072965636

### Course Material Information:

Required Materials: Colored Pencils, Index Cards, Scissors, Binder, Lined Paper, Highlighters, Dry Erase Markers, Pencils, and Pens. Required Materials: Colored

## Standards and Expectations

This dual enrollment college course is intended for high school students at the junior and senior level.

## Time Requirement

You will need to dedicate significant time to this college course. For each credit hour, plan to spend at least two hours a week on homework in addition to class presentation time.

## Course Calendar

<u>Weeks</u>	<u>Lessons</u>
Week 1	Introduction to Human Anatomy & Physiology Lecture Quiz 1 Tissues Lecture Quiz 2
Week 2	Lab: Microscope Tissue Slides Lab Quiz 1 Integumentary System Lecture Quiz 3
Week 3	Lab: Cheek Cell Lab Quiz 2
Week 4	<b>Exam 1</b> Skeletal System Lecture Quiz 4
Week 5 - 8	Lab: Naming the Bones Lab Quiz 3
Week 9	<b>Exam 2</b>
Week 10	<i>Fall Break - No Class</i> Muscular System Lecture Quiz 5
Week 11 - 13	Lab: Naming the Muscles Lab Quiz 4
Week 14	<b>Exam 3</b> Nervous System Lecture Quiz 6
Week 15 - 16	Lab: Dissection - Brain Lab Quiz 5 Senses Lecture Quiz 7
Week 17 - 18	Lab: Dissection - Eyeball Lab Quiz 6
Week 19	<b>Exam 4</b>
Week 20	<b>Midterm Exam</b>

Week 21 - 22	<i>Winter Break - No Class</i>
	Blood
	Lecture Quiz 8
Week 23	Lab: Blood Typing
	Lab Quiz 7
	Cardiovascular System
	Lecture Quiz 9
Week 24 - 25	Lab: Dissection - Heart
	Lab Quiz 8
Week 26	<b>Exam 5</b>
	Endocrine System
Week 27	Lecture Quiz 10
	Lymphatic System
Week 28	Lecture Quiz 11
Week 29	<b>Exam 6</b>
	Digestive System
	Lecture Quiz 12
Week 30 - 31	Lab: Cracker Lab
	Lab Quiz 9
Week 32	<i>Spring Break - No Class</i>
	Respiratory System
Week 33	Lecture Quiz 13
	Lab Quiz 10
Week 34	<b>Exam 7</b>
	Urinary System
	Lecture Quiz 14
Week 35 - 36	Lab: Dissection - Kidney
	Lab Quiz 11
	Reproductive System
Week 37 - 38	Lecture Quiz 15
	Lab Quiz 12
Week 39	<b>Exam 8</b>
	Pregnancy, Growth, Development, and Genetics
Week 40 - 41	Lecture Quiz 16
	Lab: Dissection - Fetal Pig
Week 42	Review/ <b>Final Exam</b>

## Grading Standards

Students will be evaluated based on the following:

Lesson Quizzes 25%; Labs and Lab Quizzes 25%; Exams 50%

The lab portion of the course is worth 25% of the course, since it is valued as 1 credit of the 4 credit course. Student must pass both the lab and lecture portion with at least a 60% to receive college credit for the course. This means if the student scores 59% or lower on just labs or just lecture exams/quizzes then he or she will not receive college credit.

Grade	Percentage
A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	Below 60%

Learning takes place for each individual at his or her own time and place and independently. As such, **collaboration is not allowed**. This includes working together on any assignments submitted for a grade.

## Attendance Standards

In order to maintain college credit, you are not allowed to miss more than 2 consecutive weeks. This class meets 2 days a week, and after the 4th consecutive absence, you will lose college credit. Please note: if you are removed from the class or withdraw after established deadlines, you will not receive a refund for the course

## Late Policy

Assignments submitted 1 day late will earn 50% credit. No credit will be earned thereafter.

If you are absent (excused) the day of a lab or other class activity, you have as many days to make up this work as you were absent.

## Equipment Use Policy

Laboratory equipment will be utilized in this course to complete laboratories.

Students are to adhere to the classroom lab safety rules when using this equipment.

## College Policies

### Extra Credit Policy:

There are no extra-credit assignments for this class. The scheduled assignments and exams are sufficient to test understanding of the materials presented in the course.

### Academic Misconduct:

Academic Misconduct includes cheating, conspiring to cheat, soliciting to cheat, attempting to cheat, plagiarism, fabrication on an assignment, or other forms of dishonest presentation.

Posting assessments on an unauthorized web site, soliciting assessment answers and the unauthorized acquisition of assessments, assessment answers, or other academic material is cheating.

Plagiarism includes, but is not limited to, the use of paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling or sharing of term papers or other academic materials. Information gathered from the Internet and not properly identified is also considered plagiarism.

We expect every student to produce his/her original, independent work. Any student whose work indicates a violation of the MCCCDC Academic Misconduct Policy (including cheating and plagiarism) can expect sanctions as specified in the college catalog (2.3.11) and online at <https://district.maricopa.edu/regulations/admin-regs/section-2/2-3#11>

Rio Salado College uses software that uncovers plagiarism from student to student and other data sources on the Internet. If a student is found to have plagiarized content, grade consequences will be applied in accordance with departmental policies.

### Civility Policy:

The faculty of Rio Salado place a high value on the importance of general ethical standards of academic behavior and expect that communication between students and instructors or among students shall maintain the level of formality and mutual respect appropriate to any college teaching/learning situation. Language or behavior that is rude, abusive, profane, disruptive, or threatening will not be tolerated. Activity of this type is Academic Misconduct as defined in MCCCDC Policy AR 2.3.11. Student engaging in such behavior will be removed from the course with a failing grade. Additional sanctions may be applied pursuant to AR 2.3.11.

## Refund Policy:

Refunds are not automatic. Students who drop courses within the refund period are eligible for a reimbursement of appropriate tuition. Deadlines and details are available online at <http://www.riosalado.edu/cashier/Pages/refund.aspx>.

## Academic Adjustment Needs & Disability Resources and Services

In accordance with Rio Salado College and Maricopa Community College District policies, all students should have equal access to course materials and technology. Please contact the Disability Resources and Services Office prior to the start date of your course at 480-517-8562 if you have any of the following needs:

- you are a student requiring an academic adjustment due to a documented disability (as protected by The Americans with Disability Act Amendment Act)
- you are experiencing difficulty accessing course materials because of a disability
- you are pregnant or parenting and would like to discuss possible academic adjustments (as protected under Title IX)

References:

1. Maricopa Community College District Administrative Regulation 2.8.1: <https://district.maricopa.edu/regulations/admin-regs/section-2/2-8>
2. Rio Salado College Disability Resources and Services website: [http://www.riosalado.edu/disability\\_services/Pages/default.aspx](http://www.riosalado.edu/disability_services/Pages/default.aspx)

## Classroom Accommodations for Students with Disabilities

In accordance with the Americans with Disabilities Act, the Maricopa County Community College District (MCCCD) and its associated colleges are committed to providing equitable access to learning opportunities to students with documented disabilities (e.g. mental health, attentional, learning, chronic health, sensory, or physical). Visit <https://district.maricopa.edu/mandatory-drs-title-ix-syllabus-statements> for more information.

## Addressing Incidents of Sexual Harassment/Assault, Dating/Domestic Violence, and Stalking

In accordance with Title IX of the Education Amendments of 1972, MCCCD prohibits unlawful sex discrimination against any participant in its education programs or activities. The District also prohibits sexual harassment—including sexual violence—committed by or against students, District employees, and visitors to campus. As outlined in District policy, sexual harassment, dating violence, domestic violence, sexual assault, and stalking are considered forms of "Sexual Misconduct" prohibited by District policy. Visit <https://district.maricopa.edu/mandatory-drs-title-ix-syllabus-statements> for more information.

## Tuition Assistance

Tuition Assistance is available to students enrolled in a Rio Salado College dual enrollment courses who demonstrate financial need. Details are available online at <http://www.riosalado.edu/dual/>

## Student Responsibility

The student is responsible for the information outlined in the syllabus. The student is also responsible for knowing the Rio Salado College policies in the college catalog and the student handbook available online at <http://www.riosalado.edu/dual/>

## Disclaimer

Course content and syllabus may vary from the course calendar listed above in order to meet the needs of the particular group in this course section.

## Acknowledgement Form

**THIS SYLLABUS IS SUBJECT TO MODIFICATION BY THE INSTRUCTOR.**

I have read the above policies, rules, and procedures and understand the information on the above pages. I agree to follow all of the rules and procedures listed. As a student of Rio Salado College, I understand that I am responsible for college policies outlined in the course catalog. The Rio Salado College Catalog can be found at <http://www.riosalado.edu/catalog/Pages/default.aspx>.

Student name (please print) \_\_\_\_\_

Student signature \_\_\_\_\_ Date \_\_\_\_\_