



**SCOTTSDALE  
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE

## BIO201 8 Weeks Fall 2022

### Course Information

Course Title:	Human Anatomy and Physiology I
Course Prefix & Number:	BIO201
Section Number:	31969 with lab 31972 or 31973
Credit Hours:	4
Meeting Time:	M, W 10:30am – 11:55am online on Zoom

### Course Format

The course format for this course is Live Online. Live Online classes have sessions that meet online on specific days and times. Attendance in these sessions will be at the direction of the instructor, and additional work will be required on the student's own time. Access to a computer or mobile device with Internet connection is required.

### Instructor Information

Instructor:	Patricia Ashby
Email:	patricia.ashby@scottsdalecc.edu
Phone:	480-423-6033
Office Hours:	Monday 9:00-10:00am, Tuesday 12:00-1:30pm, Wednesday 9:00-10:00am, Thursday 9:00-10:30am or by appointment

### Course Description

The study of structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, and nervous system.

## Prerequisites

A grade of "C" or better in BIO156 or BIO156XT or BIO181 or BIO181XT or one year of high school biology, and a grade of "C" or better in RDG091 or higher or eligibility for CRE101 as indicated by reading placement test score. CHM130 or higher or one year of high school chemistry suggested but not required.

## Course Competencies

Official MCCCDC Course Competencies:

1. Describe and apply anatomical terminology. (I)
2. Describe multicellular organization. (I-VI)
3. Distinguish and describe major tissue types. (II, V, VI)
4. Describe the structure and function of the integumentary system. (III)
5. Describe the structure and function of the skeletal system. (IV)
6. Describe the structure and function of the muscular system. (V)
7. Describe the structure and function of the nervous system. (VI)
8. Define homeostasis and describe specific examples for the integumentary, skeletal, muscular, and nervous systems. (I, III-VI)

## Texts and Course Materials

OpenStax Anatomy and Physiology (free online OER textbook)

<https://openstax.org/details/anatomy-and-physiology>

Zoom for Live Online Meetings; YouTube for instructional videos

## Course Policies

The following are policies specific to this course. Students are also responsible for the college policies included on the [Student Regulations](#) page of the Maricopa Community College District website.

## Grading Standards & Practices

Most of your studying will be done by viewing and taking notes of the online videos and readings in your textbook. The Live Online sessions will be used to review the online material, giving you a chance to ask questions and clarify difficult material. Please **review the weekly online content prior to the Live Online meetings**. Your exams, practicals and quizzes will be based on the online content and the online discussions.

Four lecture exams will be given during the semester. Six quizzes will be given in lecture, of which the lowest quiz will be dropped and your best 5 quizzes will contribute to your final grade. 6 case studies worth 5 points each will be assigned over the course of the semester. Grades from the lab will consist of four practicals and lab quizzes, details of which will be provided with lab materials.

Your grade will be based on the following:

4 Lecture Exams (100 pts. each)	400 pts.
5 Lecture Quizzes (20 points each)	100 pts.
6 Case Studies (5 points each)	30 pts.
4 Lab Practical (25, 50, 50, 50 points)	175 pts.
7 Lab Quizzes (2 points each)	14 pts.
16 Online Participations (1 point each)	16 pts.
<b>TOTAL</b>	<b>735 pts.</b>

Semester grades will be based on the following points:

A	661 minimum points	(90%)
B	588 minimum points	(80%)
C	514 minimum points	(70%)
D	441 minimum points	(60%)
F	less than 441 points	

Material covered on the lecture and lab quizzes and exams will come directly from the online materials. It is therefore essential that students complete all online assignments and take detailed notes. Makeup exams are rarely given and only for excused absences, such as documented illness, family emergencies, etc. Makeup exams may be of an entirely different format than regular exams.

## **Response Time**

Students can expect a response time of 24 hours (48 hours on the weekend) for the instructor to respond to messages sent via Canvas or email. Students can expect assignments to be graded within three days of the assignment's due date.

## **Attendance Policy**

You are required to attend the scheduled on-line class meetings. An excused absence includes the following circumstances: documented official absence (e.g. school function, with official verification), religious, injury, sickness, or loss of a relative. All require proper documentation. Any other type of absence is unexcused. You may be withdrawn from the course if you have more than four unexcused absences.

## **Instructional Contact Hours (Seat Time)**

This is a four (4) credit-hour 8-week course. Plan to spend at least three hours on course content / seat time (direct instruction) and twelve hours on homework weekly.

## **Online Tutoring**

Free tutoring for this course is available through the Natural Science Tutor Center online services. The NS Tutor Center has tutors that are specialized in human anatomy and physiology, with access to the Canvas materials, and they are in contact with the instructor. To schedule a tutoring session with the NS Tutor Center, please use the link below and follow the instructions:

<https://www.scottsdalecc.edu/students/tutoring/natural-sciences-tutoring-center>

Online and hybrid students also have access to 24/7 online tutoring via *Brainfuse*. You may utilize up to 6 hours of online tutoring per semester for free, and request additional time if needed.

To access Brainfuse and begin working with a tutor:

1. Visit the [SCC Online Tutoring page](https://www.scottsdalecc.edu/students/tutoring/online-tutoring)  
(<https://www.scottsdalecc.edu/students/tutoring/online-tutoring>)
2. Click the **Visit a tutor online** button
3. Enter your MEID and password
4. Choose your topic and subject
5. Click the **Connect** button

Please use your time effectively and be prepared with your questions before you connect to a tutor. Tutors and students communicate in real time through the Brainfuse Online Classroom. Whatever you type, draw, or share on the screen, the tutor sees, and vice versa. You may also want to have screenshots ready if applicable. All sessions are recorded for you to review later.

Students are responsible for the information contained in this syllabus, the Syllabus page in your Canvas course and the **College Policies & Student Services** page found in the First Steps module of your Canvas course. Students will be notified by the instructor of any changes in course requirements or policies.