

BIO 1008-01 Anatomy & Physiology II


Dr. Sue Caley Opsal

Fall 2023 Syllabus

Meeting Times and Locations

Lecture: Lecture meets Tuesday and Thursday from 8:00 - 9:15 a.m. in D-225.

Lab: Lab meets Tuesday and Thursday in A-101 from 9:30-10:45 a.m.

	<p><u>Instructor Contact Information</u></p> <p>Dr. Sue Caley Opsal</p> <p>Office: A-326</p> <p>Phone: 815-224-0412</p> <p>*E-mail: Sue_CaleyOpsal@ivcc.edu Please send e-mails to this address</p>	<p><u>Office Hours</u></p> <p>Mon. 7:00-7:50 a.m. 12:00-2:00 p.m.</p> <p>Tue. & Thur. 11:00-12:00</p>
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Prerequisites for taking this Course: BIO 1007 with a grade of D or higher, or consent of the instructor



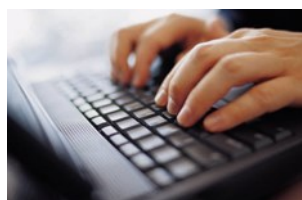
Required Course Materials:

1. Inclusive Access for this course includes: (a) Seeley e-book: VanPutte, Regan, & Russo. 2022. *Seeley's Essentials of Anatomy and Physiology*. 11th Ed. McGraw-Hill, and (b) MH Connect, which includes Anatomy & Physiology Revealed (APR -- used extensively), Practice Atlas for A&P, and access to required assignments.

2. Lab Manual – Same one as from BIO 1007: Wise, E. 2023. 13th Ed. *Seeley's Anatomy & Physiology Lab Manual*, McGraw-Hill.

3. Lecture Packet & Lab Checklist Packet: These are given in class.

Communication: The best way to reach me is by phone or e-mail. You can also schedule to meet with me on Zoom (links are posted to Brightspace). **For all email communications put your class and section number in the subject line.** For example: BIO 1008-01. Please send me a detailed email whenever you are absent from class including the date, why you missed class, and which class (lecture or lab) you missed.



Technology Requirements for this Course:

Personal computer with webcam and Internet access. **Respondus Lockdown Browser** is part of Brightspace and there is no need to download this software as we did when IVCC used Blackboard as its learning management system.

Need assistance with technology? Call the **Student Help Desk at 815-224-0318**.

Additional student resources can be found on the Academic Support Website:

<https://www.ivcc.edu/learningresources/>

Expected Student Learning Outcomes:

- Recognize the relationships that exist between form (anatomy) and function (physiology) of the organs and organ systems
 - Recognize microscopic and gross anatomy structures of the major organs and organ systems of the body
 - Relate the organ systems of the human body to their normal homeostatic functions
 - Apply disease processes to the concept of homeostatic imbalances
 - Demonstrate laboratory skills in anatomical dissection, microscopy, and scientific instrumentation
 - Compare and contrast various mammalian species anatomy with human anatomy
 - Use the content of this course to prepare for more advanced work in anatomy and physiology
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COURSE DETAILS

1. Attendance Policy: Attendance is required and attendance is taken during each class period.

To be successful in this course requires students to *be present and engaged* during class. I reserve the right to withdraw any student who accumulates **3 or more absences**, or who fails to complete assignments for 2 or more consecutive weeks.

Total absences include any combination of lecture and lab.

If an absence is anticipated contact me by e-mail beforehand. For weather-related closings IVCC sends Rave text alerts, or tune in to WLPO 1220 AM, or visit the college web site (www.ivcc.edu/cancellations). Emergency procedures are posted near the doorway of each classroom on main campus. In the case of a medical emergency, you can dial 911 from any campus phone.


2. Lecture & Lab Exam Make-up Policy: Related to attendance, *do not assume* you will be allowed to make up missed exams. Certain parameters must be met in order to make up any missed exam. These include:

- Student must contact instructor IN WRITING (via email) or by phone (leave a voicemail) within 24 hours of missing the exam
- Instructor must grant approval to do the make-up
- Instructor determines whether absences are “excused” – generally, excused absences include illness, death of loved one, or other serious incidents – going on vacation is *not* considered an excused absence

*Note: Make-up exam format at the instructor’s discretion

Note: **Quizzes may not be made up under any circumstances -no exceptions!

3. Grading Policy: Methods of instruction include lectures, laboratories, online audio and video files, print articles, inclusive access resources and assignments, class demonstrations, group discussions, and in-class exercises. Students will be evaluated based on total points from lecture exams, lab practicals, quizzes, and assignments.

<p>Grade distribution will be as follows:</p> <ul style="list-style-type: none"> ▪ 4 lecture exams (400 pts.) ▪ 4 lab practicals (200 pts.) ▪ Quizzes (up to 50 pts.) ▪ Connect Assignments (100-150 pts.) 		<p>Course grading scale:</p> <p>A = 90 - 100 % B = 80 - 89 % C = 70 - 79 % D = 59 - 69 % F = less than 59 %</p>
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Note: In the final evaluation of your grade, **attendance, class participation (lecture and lab), and effort** will be taken into consideration for those students very close to having earned the next higher grade.

4. Academic Dishonesty/Cheating: Any student caught cheating will automatically receive a ZERO for that exam/quiz/assignment and will be subject to further disciplinary action or withdrawal from the course at the discretion of the instructor. You must follow my instructions for taking exams and quizzes, whether in person or using Respondus with webcam enabled, or you risk getting a zero for not following instructions. This will be strictly enforced. Refer to the IVCC student handbook for more details on academic dishonesty and student rights.

5. Withdrawal & Other Important Dates: The final day to withdraw from this class is **Friday, Nov. 3, 2023**. There are no classes on Friday, Oct. 6, 2023. Thanksgiving break is from Wednesday, Nov. 22 through Sat. Nov. 25, 2023. The last day of classes is Wednesday, Dec. 6, 2023 and finals week for day classes is from Thursday, Dec. 7 through Tuesday Dec. 12, 2023.

6. Life Sciences Lab: The lab is open Monday through Friday at 9:00 a.m. with extended hours until 6:00 p.m. on Wednesdays. Students may come to lab outside of their scheduled lab time to reinforce learning of the material. *Please be courteous of other students and instructors who may be conducting labs when you are studying.* If you need information about the lab or lab hours, the contact information is below:

Lab Supervisor: LeeAnn Johnson

Phone: 815-224-0308

E-mail: LeeAnn_Johnson@ivcc.edu

7. Food, drinks, and tobacco products NOT allowed in lab. You must wear close-toed shoes in lab. For safety reasons, children are also not allowed in classrooms, *especially lab*.

8. Classroom Etiquette: The IVCC student handbook contains policies related to student rights, academic integrity, and student code of conduct. I expect students to be attentive, respectful, and to participate during class. I also expect students to complete *their own work* with integrity. Students who test positive for COVID-19 should follow the protocols for isolation and wear a *properly* fitted mask when they return to class per the CDC guidelines – visit <https://www.cdc.gov/coronavirus/2019-ncov/index.html> for current information. Concerns about the IVCC Code of Conduct can be addressed with **Mark Grzybowski**, Vice President of Student Services, 815-224-0393.



Use of cell phones during class is a distraction and inhibits learning. Please refrain from using your cell phone during class. **Cell phones and other wearable technology cannot be in your possession during exams or you will be given a zero for that exam or quiz.**

9. Center for Accessibility and Neurodiversity (CAN): If you are a student with a documented cognitive, physical, or psychiatric disability you *may* qualify for academic accommodations. Please see the Center Coordinator Tina Hardy in C-211 or call 815-224-0284 for more information. Don't delay getting the help you may need.

10. Auditing the Course: Audit students are required to participate in all exams and quizzes and must obtain a point total equal to 70% or higher at the end of the course. The same attendance policy applies to audit students.

Last Updated August 28, 2023

BIO 1008 Tentative Fall 2023 Schedule

Note: Schedule Subject to Change

Weekly DATES	Weekly Lecture Topics & Exam Dates	Weekly Lab Topics & Lab Quiz Dates
Aug. 16 (Wed.)	Ch. 11 Blood	Ex. 25 Blood cells Ex. 26 Blood Tests
Aug. 21 (Mon.)	Ch. 11 cont.	Complete Blood Tests Ex. 27 Structure of the Heart
Aug. 28	Ch. 12 Heart	Ex. 28 Electrical Conductivity of the Heart Ex. 29 Functions of the Heart
Sept. 4	Ch. 12 cont.	Lab Practical 1
Monday, September 4, 2023 Labor Day – College Closed		
Sept. 11	Ch. 13 Blood Vessels and Circulation Lecture Exam 1 Ch. 11, 12 and 13	Ex. 30 Introduction to Blood Vessels and Arteries of the Upper Body
Sept. 18	Ch. 14 Lymphatic system	Ex. 32 Veins and Special Circulations Cat vessels
Sept. 25	Ch. 14 Lymphatic system Ch. 15 Respiratory System	Ex. 33 Lymphatic System Ex. 34 Blood Vessels & Blood Pressure Fetal circulation
Oct. 2	Ch. 15 concluded	Lab Practical 2 Ex. 36 Respiratory Function, Spirometry
Friday, October 6, 2023 Faculty in Meetings – No Classes (IVCC is open)		
Oct. 9	Lecture Exam 2 Ch. 14 & 15 Ch. 16 Digestive System	Ex. 35 Structure of the Respiratory System Cat Respiratory System
Oct. 16	Ch. 16	Ex. 38 Digestive System Anatomy

Oct. 23	Ch. 17 Nutrition, Metabolism, & Body Temperature Regulation	Ex. 39 Digestive Physiology
Oct. 30	Ch. 17 concluded	Lab Practical 3
Friday, November 3, 2023 <i>Last day to Withdraw</i>		
Nov. 6	Lecture Exam 3, Ch. 16 & 17 Ch. 18 Urinary System & Fluid Balance	Ex. 40 Anatomy of the Urinary System Ex. 40 & Ex. 41 Urinalysis
Friday, November 10, 2023 Veterans Day Observed – College Closed		
Nov. 13	Ch. 18 cont.	Ex. 42 Male Reproductive System
Nov. 20	Ch. 19, cont.	Ex. 43 Female Reproductive System
Thanksgiving Break Wednesday, Nov. 22 through Saturday, Nov. 25, 2023		
Nov. 27	Ch. 19, cont.	Lab Practical 4
Dec. 4	Last lecture is Tuesday, Dec. 5 (Last day of classes Dec. 6)	Grades due Dec. 15 by 10:00 a.m.
Lecture Final Exam Dec. 12, 2023 - Ch. 18 & 19 Day Finals Dec. 7, 8, 11, 12		