

**Spring 2024**

<b>Meeting days:</b> Tuesday and Thursday	<b>Instructor title and name:</b> Dr. Joy Balta & Prof. Reagan Zulkosky
<b>Meeting times:</b> 4:00 p.m. - 7:00 p.m	<b>Phone:</b> + 619 849 3005
<b>Meeting location:</b> Rohr Science Hall Room 165	<b>Email:</b> jbalta@pointloma.edu

Office Hours: Every Friday over Zoom & upon request.

**PLNU Mission**

**To Teach ~ To Shape ~ To Send**

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

**COURSE DESCRIPTION**

This course provides students with an intensive eight-week experience in anatomical cadaver dissection and the application of structure to kinesiological function. The primary purpose of this course is to provide clinicians with a solid anatomical basis for understanding normal and abnormal function of the musculoskeletal system. This information is essential for the development of effective treatment interventions.

**COURSE LEARNING OUTCOMES** ⊕

The following student learning outcomes will be met in this course:

1. Describe the structural and functional organization of the human body and the interrelatedness of bony structures, musculature, innervation and vasculature, within each body region
2. Apply knowledge of the anatomic organization and relationships of structures to identify and interpret anatomic landmarks, and normal structures on cadaveric specimens
3. Explain the anatomic basis for common clinical conditions, injuries, pathologies, and diagnostic/interventional procedures
4. Demonstrate the communication and organizational skills necessary to accurately convey anatomic information with peers
5. Demonstrate respect, integrity, responsibility, and self-discipline toward donors, peers, and faculty
6. Analyze their understanding of the human body and use this information to guide their study of gross anatomy

## **REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES**

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### **REQUIRED RESOURCES**

Lippincott Connect Courseware

This platform will include a digital copy of:

- Detton, Alan J. 2016. Grant's Dissector, 17E. LWW (ISBN-13: 978-197513460) (ISBN-10: 1975134605)

<https://lippincottdirect.lww.com/MedicalEducation-PointLomaNazareneUniversity-Spring2024Links>.

30% OFF DISCOUNT CODE WZT70PFT for STUDENTS

### **Recommended Resources**

It is optional to get the digital version of the below:

- Agur, Anne M. R. and Dalley, Arthur F. 2019. Moore's Essential Clinical Anatomy, 6E. LWW (ISBN-13: 9781496369659) (ISBN-10: 1486369653)
- Anatomy & Physiology by OpenStaxLinks to an external site.
- Visible Body SuiteLinks to an external site. and you can use discount code: PLNU-ALI to get 20% off.

This is only recommended but if you want to use the resources they provide, you will need to create an account first and buy the Visible Body Suite.

### **Contact Information**

If you face any technical difficulties, please contact Kara Kindstrom from Visible Body at this email: [kara.kindstrom@visiblebody.com](mailto:kara.kindstrom@visiblebody.com).

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## **COURSE CREDIT HOUR INFORMATION**

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### **Distribution of Student Learning Hours**

It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour on their coursework. Students can expect the work in this class to be significant, and students should plan on

spending more than 10 hours a week engaged in the course. The estimated time expectations for this course are shown below:

#### Assignments and Hours

Assignments	Course Hours
Required Reading	19
F2F Labs	42
Lectures & Lab Prep	48
Online Exams	6
Total Course Hours	115

### CLASS ORGANIZATION

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The course is divided into three units, each of which covers specific anatomical regions of the human body. Learning strategies include video sessions, labs, and practice.

#### Course Units

<b>Unit 1</b>	<b>Back &amp; Spinal Cord</b>
<b>Unit 2</b>	<b>Upper Limb</b>
<b>Unit 3</b>	<b>Lower Limb</b>

### ASSESSMENT AND GRADING

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Your grades will be posted in the Canvas Grades area no later than midnight on Tuesday of each week beginning in Week Two of this course. It is important to read the comments posted in the Grades as these comments are intended to help you improve your work. Final grades will be posted within one week of the end of the class. Grades will be based on the following:

**Exams:** Each of the three units will have an online written exam and a lab practical exam. The written exams will be completed on Canvas and will include image identification, True or False, multiple choice, and matching questions. **The written exams will be 60% of your overall grade.** The lab practical exam will be completed in a scheduled lab session and assess your skills of identification. Each exam will cover the content covered in that specific unit. **The Lab Practical Exams will be 30% of your overall grade.**

**Assignments:** Additional assignments to provide practice and interaction with the content will include Study Activities aligned with the weekly lectures, and a variety of submissions as required. **Assignments will be 10% of your overall grade.**

## GRADING SCALE

Final grades are calculated based on the final total points earned. There is no curve and no extra credit assignments. You will receive the grade that you earn. The point total will be converted to a percentage to assign a letter grade; therefore there will be no rounding of percentages.

### Grading Scale

GRADE	PERCENTAGE	GRADE	PERCENTAGE
A	≥ 93%	C	73-76%
A-	90-92%	C-	70-72%
B+	87-89%	D+	67-69%
B	83-86%	D	63-66%
B-	80-82%	D-	60-62%
C+	77-79%	F	≤ 59%

## ATTENDANCE

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. Therefore, regular attendance and participation in each course are minimal requirements.

### Synchronous Class Attendance

For synchronous courses that have specific scheduled meeting times (including in-person, hybrid, and synchronous online courses), absences are counted from the first official meeting of the class regardless of the date of the student's enrollment. For courses with specific attendance requirements, those requirements are outlined in the course syllabus. Students may be warned if a student demonstrates a lack of attendance. After a warning, if absences continue and reach a total of more than twenty percent of the course the student may be de-enrolled from the course without further advance notice to the student.

If the date of de-enrollment is past the last date to withdraw from a course, the student will be assigned a letter grade of “F” or “NC.” There are no refunds for courses where a de-enrollment was processed past the last date to withdraw.

A student who registers late must, therefore, be exceptionally careful about regular attendance during the remainder of the course. Registered students who neither attend the first class session nor inform the instructor of their desire to remain in the class may, at the request of the instructor, be removed from the class roster.

Exceptions to the foregoing attendance regulations due to extenuating circumstances beyond the student’s control may be granted only by appeal to the Vice Provost for Academic Studies.

Students who anticipate being absent for an entire week of a course should contact the instructor in advance for approval and make arrangements to complete the required coursework and/or alternative assignments assigned at the discretion of the instructor. Acceptance of late work is at the discretion of the instructor and does not waive attendance requirements.

Students may be warned if they demonstrate a lack of academic activity. After a warning, students who miss more than one week of academic activity without prior approval and arrangements with the instructor may be de-enrolled or withdrawn from a course. If the date of de-enrollment is past the last date to withdraw from a course, the student will be assigned a letter grade of “F” or “NC.” There are no refunds for courses where a de-enrollment was processed after the last date to withdraw from a course.

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## **LATE ASSIGNMENTS**

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- All assignments are to be submitted by the due date and time listed.
- Missed exams or quizzes may **ONLY** be made up with a legal, written excuse.
- Late work will **NOT** be accepted or graded; assignments will be considered late if posted **after midnight Pacific Standard Time on the day they are due**

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## **PLNU SPIRITUAL CARE**

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PLNU strives to be a place where you grow as a whole person. To this end we provide resources for our Graduate and Adult Degree Completion students to encounter God and grow in their Christian faith. At the Mission Valley (MV) campus we have an onsite chaplain, Rev. Gordon Wong, who is available during class break times across the week. If you have questions for, desire to meet or share a prayer request with Rev. Wong you can contact him directly at [mvchaplain@pointloma.edu](mailto:mvchaplain@pointloma.edu) or [gordonwong@pointloma.edu](mailto:gordonwong@pointloma.edu). Rev. Wong’s cell number is 808-429-1129 if you need a more immediate response.

In addition, on the MV campus there is a prayer chapel on the third floor which is open for use as a space set apart for quiet reflection and prayer.

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## **PLNU COPYRIGHT POLICY**

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Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

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## **PLNU ACADEMIC HONESTY POLICY**

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Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See [Adult undergraduate Academic and General Policies](#) for definitions of kinds of academic dishonesty and for further policy information.

During the first week of class, you will be asked to submit an Academic Honesty Verification Statement. Submitting the statement is a requirement of this course. By submitting the Academic Honesty Verification Statement, you will be verifying all assignments completed in this course were completed by you. Carefully review the Academic Honesty Statement below.

Statement: "In submitting this form, I am verifying all the assignments in this course will be completed by me and will be my own work."

## **PLNU ACADEMIC ACCOMMODATIONS POLICY**

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PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center ([EAC@pointloma.edu](mailto:EAC@pointloma.edu) or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will issue an academic accommodation plan ("AP") to all faculty who teach courses in which the student is enrolled each semester.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course and/or if they do not wish to utilize some or all of the elements of their AP in that course.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC.

## **SEXUAL MISCONDUCT AND DISCRIMINATION**

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the Title IX Office at [pointloma.edu/Title-IX](http://pointloma.edu/Title-IX). Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at [counselingservices@pointloma.edu](mailto:counselingservices@pointloma.edu) or find a list of campus pastors at [pointloma.edu/title-ix](http://pointloma.edu/title-ix)

## **COURSE MODALITY DEFINITIONS**

- 1. In-Person:** Course meetings are face-to-face with no more than 25% online delivery.
- 2. Online:** Coursework is completed 100% online and asynchronously.

**3. Online Synchronous:** Coursework is completed 100% online with required weekly online class meetings.

**4. Hybrid:** Courses that meet face-to-face with required online components.

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## **PLNU ATTENDANCE AND PARTICIPATION POLICY**⊕

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Regular and punctual attendance at all **synchronous** class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions (virtual or face-to-face), the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation. In some courses, a portion of the credit hour content will be delivered **asynchronously** and attendance will be determined by submitting the assignments by the posted due dates. See [Adult Undergraduate Academic Policies in the Graduate and Professional Studies Catalog](#). If absences exceed these limits but are due to university excused health issues, an exception will be granted.

## **USE OF TECHNOLOGY**

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To be successful in this course, you'll need to meet the minimum technology and system requirements; please refer to the Technology and System Requirements information. Additionally, students are required to have headphone speakers, microphone, or webcams compatible with their computer available to use. Please note that any course with online proctored exams requires a computer with a camera (tablets are not compatible) to complete exams online.

Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

### **GPS Academic Resources**

PLNU offers the following free academic resources virtually for Graduate Professional Studies (GPS) Students. Visit myPLNU through the links below for more information.

### **The GPS Writing Center offers:**

- Zoom Writers Workshops offered each quad a variety of helpful topics
- One-to-one appointments with the Writing Coach
- Microlearning YouTube Video Library for helpful tips anytime

**Research Help Guide** to help you start your research

The physical office is located on the third floor of the Mission Valley Regional CenterLinks to an **external site. off the student lounge**

**Academic Writing Resources Course:** Found on your Canvas Dashboard, this course is non-credit with 24/7 access, no time limits, and self-paced content.

**Tutoring:** Students have access to 24/7 live or scheduled subject tutoring through Tutor.com, including a Paper Drop-Off Service with feedback within 12 hours.

We are here to support you! Contact us anytime: [GPSWritingCenter@pointloma.edu](mailto:GPSWritingCenter@pointloma.edu)

## ASSIGNMENTS AT-A-GLANCE

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The course summary below lists our assignments and their due dates. Click on any assignment to review it.

Unit	Lecture
I	L1-Introduction & Superficial Back Muscles
	L2-Intermediate, Deep Back Muscles & Suboccipital Region
	L3-Vertebral Column & Spinal Cord
	L4-Scapular & Pectoral Regions
II	L5-Axillary Region & Brachial Plexus
	L6-Arm & Cubital Fossa
	L7- Forearm
	L8- Hand
III	L9-Thoracic & Abdominal Wall
	L10- Anterior & Medial Thigh
	L11- Gluteal Region & Posterior Thigh
	L12- Leg
	L13- Foot