

Course Syllabus

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College of Health Sciences
Occupational Therapy
ANA6009 Applied Neuroanatomy
3 Units

SPRING 2026

January 12 - May 8

Course Information

Class Meetings: Monday 1:00 p.m.-2:30 p.m. Zoom Exams: Wednesday 7:30 a.m.-9:00 a.m. Final Exam: May 6, 2026	Instructor: Dr. Will Brooks, Ph.D.
Location: Zoom and Rohr Science Room 195 and Balboa Room 181	Phone: 731.879.0581
Modality: Online Synchronous (Zoom) and Face-to-Face Exams	Email: wbrooks@pointloma.edu

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.

Occupational Therapy Mission

The mission of the PLNU Occupational Therapy program is to produce competent and professional graduates who provide evidenced-based and occupation focused interventions that serve others as an expression of faith.

Course Description

This course focuses on the relationship of the human nervous system to performance of occupations. Specific neurological systems covered will include sensory, motor, limbic, cognitive, visual, and vestibular and ventricles that correlate to common conditions seen by occupational therapists. Cases and lab experiences will assist the student in integrating neurologic concepts.

Prerequisite(s): Successful completion of ANA 6000, ANA 6001, or ANA 6005/ANA 6005L. ANA 6005/ANA 6005L is required for students in the MS Occupational Therapy program.

Successful completion of this course is necessary to progress to OCC6027 Neurologic Adult-Older Adult Conditions, Assessment and Interventions

Relationship of Course to Curriculum Design

This course is the 2nd in a 2-part basic science series. It is taken concurrently with the following courses: OCC 6007, Human Occupations Across the Lifespan, OCC 6008, Applied Human Movement, OCC 6008L, Applied Human Movement Lab; OCC 6010, Research Methods-1; OCC 6011, Mental Health Conditions, Assessments, and Interventions; OCC 6011L, Mental Health Conditions, Assessments, and Interventions Lab, and OCC 6012, Case-Based Learning Seminar-2. This course supports the curricular thread of occupation. The foundational knowledge gained in the course prepares students to succeed in OT coursework across the curriculum.

Program Learning Outcomes

The Point Loma Nazarene University Master of Science in Occupational Therapy Program Graduate will be able to:

1. Use critical reasoning to provide evidence-based occupational therapy services across the lifespan, in a variety of service delivery models, health care settings, and community-based systems.
 2. Develop and utilize a therapeutic use of self during client interactions, which supports the client's engagement in occupational therapy, and achievement of the clients' goals.
 3. Provide services within a client-centered and occupation-based framework, with consideration of contextual factors, which influence a person, groups', and/or populations' ability to engage in meaningful occupational tasks and roles.
 4. Demonstrate compliance with legal, ethical, and professional standards when interacting with clients, service providers, and/or systems.
 5. Exhibit the ability to document, manage, and evaluate outcomes of services provided.
 6. Develop clinical programs, which meet a need for underserved persons, groups, and/or populations in the community.
 7. Embrace diversity, equity, and inclusion in clinical practice through the delivery of high-quality, accessible, and culturally responsive care within a technological and global environment.
 8. Advance the awareness and ability to work collaboratively with interdisciplinary team members to enhance the provision of client-centered, quality occupational therapy services.
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Course Learning Outcomes

The course learning outcomes are the ACOTE Standards and students will be using concepts and skills that will be introduced and/or be expected to master.

1. Demonstrate knowledge of the structure and function of the human body to include the biological and physical sciences, neurosciences, kinesiology, and biomechanics. ^{B.1.1 in part and PLO1}
 2. Analyze the effects of disease processes including heritable diseases, genetic conditions, mental illness, disability, trauma, and injury on occupational performance. ^{B.3.5 and PLO1}
 3. Administer selected standardized and nonstandardized assessments using appropriate procedures and protocols. ^{B.4.5 in part and PLO1}
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Required Textbook and Resources

- Lundy-Ekman, L. (2022). *Neuroscience: Fundamentals for Rehabilitation* (6th ed.). Elsevier. 978-0-323-79267-7.

Note: Required texts are provided unless indicated by **

Assessment and Grading

Course assessment methods used in this course include the following:

- Quizzes
- Exams
- Case studies

Each category below is weighted as a total percentage of the final grade:

Grade Weights

Category	% of Course Grade
Case Studies	15%
Quizzes	15%
Exams	70%
Attendance/Remediation	0%
Total	100%

Grading will be based on the PLNU grading scale below. Grades will be rounded down from .1-.4; and rounded up from .5 to .9.

Grade Scale

Letter Grade	GPA	Percent Grade
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A	4.00	93-100
A-	3.75	90-92
B+	3.25	87-89
B	3.00	83-86
B-	2.75	80-82
C+	2.25	77-79
C	2.0	73-76
C-	1.75	70-72
D+	1.25	67-69
D	1.0	63-66
D-	.75	60-62
F	0	0-59

Grade Intervention Procedure

Students scoring below a letter grade of C (73%) in any didactic course is not considered to be a passing grade.

All students must develop a remediation plan if their grades do not meet the expected threshold. A remediation plan is a cooperative effort between the student, course instructor, and the faculty advisor to establish specific learning activities and plan to ensure competency and successful progression in the program.

Potential consequences of the above may include any of the following:

- Need to repeat a Level II or Level III clinical competency.
- Inability to take the next course in a sequence for which this course is a pre-requisite.
- Academic warning.
- Academic probation.
- Need to join the next cohort of students.

Refer to the MSOT Student Handbook for more information.

PLNU Attendance and Participation Policy

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.

If the student is absent for more than 10 percent of class sessions, 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 withdrawal date or, after that date, receive an “F” grade.

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.

Refer to [Academic Policies](#)Links to an external site. for additional details.

Synchronous Attendance/Participation Definition

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.

Online Asynchronous Attendance/Participation Definition

Students taking online courses with no specific scheduled meeting times are expected to actively engage throughout each week of the course. Attendance is defined as participating in an academic activity within the online classroom which includes, but is not limited to:

- Engaging in an online discussion
- Submitting an assignment
- Taking an exam
- Participating in online labs

- Initiating contact with faculty member within the learning management system to discuss course content.

Note: Logging into the course does not qualify as participation and will not be counted as meeting the attendance requirement.

Incompletes and Late Assignments

All assignments are to be submitted/turned in by the by the designated due date and time of day, typically 11:59 pm. Each day an assignment is late, your grade will be reduced by 10%. Incompletes will only be assigned in extremely unusual circumstances.

PLNU Spiritual Care

Balboa Campus:

PLNU strives to be a place where you grow as a whole person. To this end, we provide resources for our graduate students to encounter God and grow in their Christian faith. At the Balboa campus, we have an onsite chaplain, Rev. Kevin Portillo who is available during class break times across the week. If you have questions, desire to meet with Rev. Portillo or prayer requests you can contact him directly at KevinPortillo@pointloma.edu.

PLNU Copyright Policy

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.

State Authorization

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer

distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on [State Authorization](#) to view which states allow online (distance education) outside of California.

PLNU Recording Notification

To enhance the learning experience, please be advised that this course may be recorded by the professor for educational purposes, and access to these recordings will be limited to enrolled students and authorized personnel.

Note that all recordings are subject to copyright protection. Any unauthorized distribution or publication of these recordings without written approval from the University (refer to the Dean) is strictly prohibited.

PLNU Academic Honesty Policy

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 [Graduate Academic and General Policies Links to an external site.](#) 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."

Artificial Intelligence (AI) Policy

You are allowed to use Artificial Intelligence (AI) tools (e.g., ChatGPT, Gemini Pro 1.5, GrammarlyGo, Perplexity, etc.) to generate ideas, but you are not allowed to use AI tools to generate content (text, video, audio, images) that will end up in any work submitted to be graded for this course. If you have any doubts about using AI, please gain permission from the instructor.

[APA Style: How to Cite ChatGPT](#)[Links to an external site.](#)

PLNU Academic Accommodations Policy

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 or 619-849-2486). Once a student's eligibility for 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 ensure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC.

Language and Belonging

Point Loma Nazarene University faculty are committed to helping create a safe and hospitable learning environment for all students. As Christian scholars we are keenly aware of the power of language and believe in treating others with dignity. As such, it is important that our language be equitable, inclusive, and prejudice free. Inclusive/Bias-free language is the standard outlined by all major academic style guides, including APA, and it is the expected norm in university-level work. Good writing and speaking do not use unsubstantiated or irrelevant generalizations about personal qualities such as age, disability, economic class, ethnicity, marital status, parentage, political or religious beliefs, race, gender, sex, or sexual orientation. Inclusive language also avoids using stereotypes or terminology that demeans persons or groups based on age, disability, class, ethnicity, gender, race, language, or national origin. Respectful use of language is particularly

important when referring to those outside of the religious and lifestyle commitments of those in the PLNU community. By working toward precision and clarity of language, we mark ourselves as serious and respectful scholars, and we model the Christ-like quality of hospitality.

If you (or someone you know) have experienced other forms of discrimination or bias, you can find more information on reporting and resources from the [Nondiscrimination and Anti-harassment Policy](#)

Sexual Misconduct and Discrimination

In support of a safe learning environment, 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 accommodations and resources are available through the [Title IX Office](#). Please be aware that under Title IX of the Education Amendments of 1972, faculty and staff are 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 or reach out to the pastor listed in the Spiritual Care section of this syllabus.

PLNU Course Modality Definitions

1. Online Courses: These are courses with class meetings where all instruction and interaction is fully online.
 - Synchronous Courses: At least one class meeting takes place at a designated time.
 - Asynchronous Courses: All class meetings are asynchronous.
 2. Hybrid Courses: These are courses with class meetings that take place both in the classroom and online synchronously and/or asynchronously.
 3. In-Person Courses: These are courses that meet in person with the instructor and students in a physical classroom setting. With approval by the area dean, this may include up to 25% of qualified class interactions through a Learning Management System (such as Canvas).
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Use of Technology

To be successful in the online or hybrid environment, 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 Center](#)[Links 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.[Watch a quick](#)



[video run-through](#)[Links to an external site.](#)
explore!

and take time now to

- [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

Assignments At-A-Glance

The course summary below lists our assignments and their due dates. Click on any assignment to review it. Refer to the course schedule in Canvas for more detailed information.

Course Summary:

Course Summary

Date	Details
Mon Jan 12, 2026	Quiz Academic Honesty Verification Statement
	Page ★ Important Course Information
Wed Jan 14, 2026	Page WK1 Video Lectures
Fri Jan 16, 2026	Quiz WK1 Quiz
Wed Jan 21, 2026	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy Weekly Meeting
	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Page WK2 Video Lectures
Fri Jan 23, 2026	Quiz WK2 Quiz
Mon Jan 26, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Jan 28, 2026	Page WK3 Video Lectures
Fri Jan 30, 2026	Quiz WK3 Quiz
Mon Feb 2, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Feb 4, 2026	Quiz Exam 1

Date	Details
	Page WK4 Video Lectures
Fri Feb 6, 2026	Quiz WK4 Quiz
Mon Feb 9, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Feb 11, 2026	Page WK5 Video Lectures
Fri Feb 13, 2026	Quiz WK5 Quiz
Mon Feb 16, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Feb 18, 2026	Page WK6 Video Lectures
Fri Feb 20, 2026	Quiz WK6 Quiz
Mon Feb 23, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Feb 25, 2026	Quiz Exam 2
	Page WK7 Video Lectures
Fri Feb 27, 2026	Quiz WK7 Quiz
Mon Mar 2, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy

Date	Details
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Mar 4, 2026	Page WK8 Video Lectures
Fri Mar 6, 2026	Quiz WK8 Quiz
Mon Mar 9, 2026	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Mon Mar 16, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Mar 18, 2026	Page WK10 Video Lectures
Fri Mar 20, 2026	Quiz WK 10 Quiz
Mon Mar 23, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Mar 25, 2026	Page WK11 Video Lectures
Fri Mar 27, 2026	Quiz WK11 Quiz
Mon Mar 30, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Apr 1, 2026	Quiz Exam 3
	Page WK12 Video Lectures

Date	Details
Sun Apr 5, 2026	Quiz WK12 Quiz
Mon Apr 6, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Apr 8, 2026	Page WK13 Video Lectures
Fri Apr 10, 2026	Quiz WK13 Quiz
Mon Apr 13, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Apr 15, 2026	Page WK14 Video Lectures
Fri Apr 17, 2026	Quiz WK14 Quiz
Mon Apr 20, 2026	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
Wed Apr 22, 2026	Page WK15 Video Lectures
Fri Apr 24, 2026	Quiz WK15 Quiz
Mon Apr 27, 2026	Calendar Event ANA6009-1 SP26 - Applied Neuroanatomy
	Calendar Event ANA6009-1 SP25 - Applied Neuroanatomy
Wed May 6, 2026	Quiz Exam 4