



PTA 214 Syllabus
SEMESTER
School of Nursing and Health Professions

<i>Course Name:</i>	Neurological Procedures
<i>Course & Section Number:</i>	PTA214-XXX
<i>Meeting Day(s) & Time(s):</i>	
<i>Credits:</i>	5
<i>Contact Hours:</i>	4 lecture, 3 lab
<i>Instructor's Name:</i>	
<i>Office Hours & Location:</i>	
<i>OCC Phone:</i>	
<i>OCC Email:</i>	
<i>Additional Contact Information:</i>	

*Please call me (name); it is my preferred name. Please use only Owens' email for course communications.

*The PTA Student Handbook contains many relevant policies and procedures related to the course including grading, assignments, testing, and more. Students are responsible for the program policies noted in the handbook relating to the work in this course.

Disclaimer: The instructor reserves the right to amend this syllabus as deemed necessary and will communicate such amendment to the students in the course. Please note that while unlikely, there is a possibility courses might need to change the delivery method due to external issues like public health concerns, weather issues, etc. If this happens, the college will communicate any changes via email and/or other communication methods.

Catalog description:

Addresses clinical manifestations and treatment considerations of common neurological disorders. Topics including pharmacology, pediatrics, lymphedema, cardiopulmonary,

and obstetric-gynecology are presented. Applies typical treatment techniques, exercise programs, and treatment progression to lab scenarios.

Corequisites: PTA 102

Prerequisites: PTA 101 & 210

Course Materials:

- Fulk, G. D., & Chui, K. K. (2024). O'Sullivan & Schmitz's Physical Rehabilitation (8th ed.). F.A. Davis Company.
- Martin, S. T., & Kessler, M. (2020). Neurological Interventions for Physical Therapy (4th ed.). Elsevier

Additional Materials: (Provided to each student mid-semester)

- Clinical Pattern Recognition. (2025). Physical therapy (Version 2025.08.07163834) Physio U. Retrieved from <https://clinicalpattern.com/physical-therapy/>
- Scorebuilders. (n.d.). Basecamp [Mobile application]. <https://basecamp-sb.com>

What You Will Learn in the Course

Course Objectives:

The course will:

1. Explain the etiology, medical diagnosis, and treatment of various neurological conditions.
2. Describe normal neurological growth and human development.
3. Explain motor control, learning, and development related to typical child maturation.
4. Describe the therapeutic effects, indications, precautions, red-flags, and contraindications, and precautions of neuromuscular re-education techniques.
5. Classify common medications relating to the treatment of selected neurological conditions.
6. Show students how to model practices that ensure patient and health care provider safety.
7. Develop pathways for appropriate clinical decisions and actions throughout the implementation of the plan of care established by the physical therapist.
8. Show students how to outline components of data collection using appropriate tests and measures to measure and monitor patient responses before, during, and after physical therapy interventions for the neurological system in consideration of growth and human development.
9. Present steps on how to apply an understanding of the outcome of performed tests and measures to determine the need for consultation with a physical therapist related to the neurological system in consideration of growth and human development.

10. Show students how to outline therapy interventions for neurological conditions considering growth and human development as identified in the plan of care established by the physical therapist to achieve patient and client goals and outcomes.

11. Describe how to distinguish components of data collection using appropriate tests and measures to measure and monitor patient responses before, during, and after physical therapy interventions considering psychosocial and mental health aspects of care.

12. Describe how to distinguish therapy interventions for metabolic conditions as identified in the plan of care established by the physical therapist to achieve patient and client goals and outcomes.

13. Categorize appropriate remedial, functional, and compensatory treatments for specific conditions caused by injury or disease.

14. Present documentation that follows guidelines and documentation formats required by jurisdiction legal frameworks, various practice settings, and other regulatory agencies.

15. Build pathways for students to apply teaching methods that meet the needs of the learner incorporating cultural humility and social determinants of health when providing patient and/or caregiver education.

Student Learning Outcomes:

The student will:

Outcome	Evaluation Measure (where assessed)
1. Infer what neurological structures may be damaged or affected based on common neurological deficits.	PLQ #0, 1, 3-10; Lecture Quizzes #1, 3-5; Exams 1, 2, &3; CVA Tx Plan Video; SCI Tx Plan video; Dx Presentations
2. Compare myotomes and dermatomes and discuss their implication on treatment.	Dermatome/myotome project; PLQ #0; Exams 1 & 3
3. Summarize the difference between congenital, acquired, and hereditary conditions.	All PLQ's, All lecture quizzes, Exams 1, 2, &3
4. Demonstrate understanding of common vestibular disorders and common treatment options offered by non-vestibular specialized physical therapist assistants.	PLQ #10; Case Study #2; Exam #3
5. Identify precautions, red flags, and contraindications to therapeutic intervention based on presenting neurological conditions, signs, and/or symptoms.	All skill checks and practicals; Diagnosis Presentations and Labs; Exams 1, 2, & 3
6. Outline the indication, outcome, and overdose signs and symptoms of common medications used to treat various neurological conditions.	Pharmacology Basecamp; Exams 1, 2, & 3
7. Select and perform components of data collection using appropriate tests and	Cranial Nerve and Reflex Testing Skill Checks; Berg, Tinetti, TUG, Functional

measures to measure and monitor patient responses before, during, and after physical therapy interventions for the neurological system in consideration of growth and human development and psychosocial and mental health aspects of care.	Reach Skill Checks; Diagnosis Presentations and Labs; Lab Quizzes #1, 5; Practicals 1, 2, and 3, Interprofessional Education (IPE) Activity Reflection
8. Adapt plan of treatment based on the application and analysis of administered standardized tests and their results.	Berg, Tinetti, TUG, Functional Reach Skill Checks, Practicals 2 & 3, Interprofessional Education (IPE) Activity Reflection
9. Explain proprioceptive neuromuscular facilitation (PNF) and its use in treatment of neurological conditions.	PNF Patterns and Techniques Skill Checks (2); Practicals 1 & 3
10. Discuss how evidence-informed practice may affect the choice and use of selected interventions.	Diagnosis Presentations and Lab; Case Studies #1 & 2, Interprofessional Education (IPE) Activity Reflection, Intra-professional Activity Reflection
11. Select and perform interventions for neurological and metabolic conditions considering growth and human development as identified in the plan of care established by the physical therapist to achieve patient and client goals and outcomes.	Pediatric Tx Plan, PNF Patterns & Techniques Skill Checks, CVA & SCI Transfer Skill Checks, Balance Circuit, Seated and Standing Balance Skill Checks; Practicals 1, 2, 3; Case Studies #1 & 2
12. Compose SOAP notes utilizing appropriate documentation guidelines.	SOAP Note Assignments #1 & 2, Intra-professional Activity Reflection

PTA Program Outcomes:

The following outcomes are assessed in this course

Outcome	Evaluation Measure (where assessed)
The Program will graduate individuals who are safe with patient care.	All Skill Checks; Practicals 1, 2, 3, Intra-professional Activity Reflection
The Program will graduate individuals who demonstrate cultural sensitivity in their interactions.	All Skill Checks; Practicals 1, 2, 3; IPE Event
The Program will graduate individuals who demonstrate effective clinical problem-solving skills.	All Skill Checks; Practicals 1, 2, 3; Case Studies #1 & 2, Interprofessional Education (IPE) Activity Reflection

Institutional General Education Competencies:

As a student at Owens Community College, you will take General Education courses as part of your degree program. While specific to the General Education courses, these competencies will be reinforced in many of your degree program major courses and may be measured in your capstone course(s) and others as identified.

Competency	Evaluation Measure (where assessed)
Communicate effectively.	All skill checks, Practicals 1, 2, 3; Dx Presentation, Intra-professional Activity Reflection.
Act with professional responsibility.	All skill checks, Practicals 1, 2, 3; IPE Event; Tx Plan videos, Interprofessional Education (IPE) Activity Reflection
Demonstrate sensitivity to others' beliefs and values.	All skill checks, Practicals 1, 2, 3; IPE Event
Think creatively.	All skill checks, Practicals 1, 2, 3; Case Studies 1 & 2; Tx Plan Videos

Technology, Lab, and File Requirements:

Students should refer to the PTA Student Handbook for specific policies and procedures related to technology, lab, and file requirements.

Academic Support

Disability Services Resource Center: If you have a disability or acquire one, you may be entitled to receive reasonable accommodation intended to assure you an equal opportunity to participate in and benefit from the program. To receive more information or to register for accommodations, please contact the Disability Resource Center at 567-661-7007, email: disability@owens.edu, visit <https://www.owens.edu/disability/>, or stop by College Hall 124.

Tutoring Services: Owens Community College offers academic tutoring and assistance in a variety of subjects including: accounting, computing, economics, mathematics, science, and writing. For more information go to: <https://www.owens.edu/successcenters/>

Counseling Services: Counseling Services provides assistance to students experiencing personal, educational, interpersonal/relationship, family, social, or psychological difficulties. If you feel you may benefit from this service, please contact them at counselingservices@owens.edu. More information is at <https://www.owens.edu/counseling/>

Campus and Community Connections: The Center for Campus and Community Connections (College Hall 123) is a walk-in office created to provide retention support through resource stability initiatives and community connections. Go here for more information: <https://www.owens.edu/connection/> or contact connections@owens.edu

Owens Library: The Owens Library offers two locations (Toledo and Findlay) as well as online resources. For more information visit <https://www.owens.edu/library/>.

Students can find more information on campus resources, student support, student life, and security at this [link](#).

General Information

Student Code of Conduct: All students are expected to follow Owens Community College's Student Code of Conduct, which includes academic honesty, encompassing plagiarism. See the Board Policy for more information.

Anti-Discrimination and Harassment & Title IX/Sexual Misconduct: All students, faculty, and staff are expected to follow Owens Community College's Anti-Discrimination and Harassment Policy and the College's Title IX Policy/Sexual Misconduct Procedures and Guidelines. The College strictly prohibits and will not tolerate harassment, discrimination, intimidation, or hostile/offensive working or learning environments.

Religious Accommodations: A student seeking an accommodation for an absence permitted under Ohio's Testing Your Faith Act must provide the instructor with a written email notice with the specific dates for an absence, and must do so not later than fourteen (14) days after the first day of instruction. Alternative accommodations are not retroactive, and no academic penalty will be imposed for an absence under the policy*. The request for an alternative accommodation will be kept confidential. Students with questions about a religious accommodation under Ohio's Testing your Faith Act may contact the College's Office of Academic Affairs: provost@owens.edu

The policy may be found on the Owens website: [3358:11-2-63 Accommodation for a Student Absence for the Observance of Religious Beliefs and Practices Policy](#)

Document Collection: Throughout the semester, your instructors may ask for a variety of assignments including tests and/or quizzes for student learning of institutional general education competencies or program assessment. Please save all your class materials until the end of the semester.

Classroom Admittance: OCC classes shall only be attended by the officially registered OCC students or prospective students, instructor of record, guest lecturer, or substitute. Visitors are not permitted to be in the classroom and should not be invited to attend or participate in the class. See [FERPA](#) regulations for more information.

Use of AI:

Students should refer to the PTA Student Handbook for the AI policy.

Student Responsibilities & Instructor Expectations

Students should refer to the PTA Student Handbook for policies and procedures related to classroom preparedness, classroom behaviors and expectations, attendance, open lab, office hours, and communication expectations.

Instructor Expectations:

Attendance/Class Time:

I will be respectful of your time and begin and end class on time. If class needs to be canceled for any reason, I will notify students as soon as possible by email announcement.

Grading Assignments:

Assignments that are submitted by the due date will be graded and returned/recorded in the Blackboard grade center within 7 business days. Assignments that are submitted after the due date may take longer before I am able to grade it.

I will use my discretion to reduce points earned on an assignment based on the appropriateness of the content, level of completion including breadth and depth, professionalism, and rules/regulations established for each assignment.

Answering Emails:

I will do my best to respond to your emails within 24 hours on weekdays and within 48 hours on weekends. Use your Owens email account for all Owens related business.

Announcements:

I will post any updates and/or reminders on the Blackboard Announcement page, as well as send it out to your Owens email account.

Open Lab and Office Hours:

A student who wishes to schedule on-campus open-lab time or office hours must do so via the links on the PTA Cohort Blackboard shell. This must be completed 24 hours ahead of time. Same day appointments are at the discretion of the instructor, and the student must contact the instructor by text or call.

Classroom Environment:

Attendance/Participation:

Class discussions, activities and participation are an integral component of learning and understanding the course material.

Class will begin on time, so please plan accordingly. I understand things happen. Please reference the PTA Student Handbook for the program policy on attendance.

Check Email/Blackboard Shell:

Any announcements and updates will be sent to your email and/or posted on the Blackboard shell. Students are encouraged to check their email at least once daily and to log into their Blackboard shell several times a week to remind themselves of upcoming assignments, etc.

Phones:

I have found phones to be a distraction in class. Please silence your phone and keep it out of sight. However, there may be circumstances that you may need to have your phone available for personal reasons. If this is necessary, please be discreet and leave the classroom.

Requirements to pass this course:

1. Students must earn at least a 77% in both the lecture and lab components of the course.
2. Students must attend and participate in the IPE event on Friday April 10 and complete related assignment (TBD).
3. Students must complete the Intra-professional Activity Reflection assignment.
4. Students must complete the Interprofessional (IPE) Activity Reflection assignment.

Assignment Submission:

All document assignments should be attached in the Blackboard assignment submission as a PDF, and labeled: Last Name, First initial, Course # and year, Assignment Name. No other submission file types are accepted.

Unless otherwise noted, assignments are due either at the beginning of class (if submitted in person) or by **TIME** (if submitted electronically) on the day indicated by the assignment calendar/schedule.

Late assignments are eligible for ½ credit if submitted within 24 hours after the due date and time. Late assignments will receive zero credit if submitted after the 24-hour period aforementioned.

Unless otherwise noted, there are no opportunities for bonus points or extra credit assignments.

Final grades will not be rounded.

Assignments or quizzes that occur during class time whether virtual or face-to-face may not be made-up for points unless the student provides an excused absence for the date and time in question.

Exams:

All PTA 214 exams must be taken at the testing center on campus. Students may test at either the Findlay or Toledo campus testing center regardless of their primary campus.

All exams are two hours in length. Once the student begins the exam, the timer will start. Students are permitted one break during the exam; however, the exam timer will not pause or

stop during the break. There are no exceptions. The break is optional and the choice of each student.

Testing hours are Monday through Friday. Students are responsible for scheduling an appointment start-time that accounts for the 2-hour time limit. Students with testing accommodations should schedule their appointment start-time accordingly. *Note: It is recommended that students authorize text notifications from the testing center reminding them of their scheduled appointment. *Note: With a late arrival, a student may not be guaranteed their full testing time.

Students must abide by the testing center rules which include requiring a valid photo ID for testing, items not permitted into the testing center, and more. Students should review all of the testing center rules prior to each testing appointment to ensure a successful and smooth testing experience. There are no exceptions to the testing center rules. Students are expected to uphold the integrity of the examination process. Any evidence of academic dishonesty will be reported to the appropriate authorities and may result in disciplinary action.

How Grades are Determined and Major Assignments?

Lecture:

Evaluation Measure	Student Learning Outcomes Assessed	Value (points)
PLQ (10 @ 5 points each)	1-6, 9	50
Quizzes (5 @ 10 points each)	1-6, 9	50
Exams (3 @ 100 points each)	1-6, 9	300
Basecamps (5 @ 2 points each)	1-6	10
Dx Presentation	10	30
Pediatric Treatment Plan	3,5,10,11	15
SOAP Notes (2 @ 10 points each)	12	20
Total		475
Points required to pass the lecture portion of the course (minimum of 77.0%)		365.75

Lab:

Evaluation Measure	Student Learning Outcomes Assessed	Value (points)
Quizzes (5@ 10 points each)	7-11	50
Practical (3 @ 100 points each)	7-11	300
Dx Presentation Lab	5,6,10	15
Dermatome/Myotome Project	2	10
Physio U (2 @ 2.5 points each)	7,8	5
Treatment Plan Videos (2 @ 20 points each)	1,5,10,11	40
Case Studies (2 @ 10 points each)	4,5,9,10	20
Intra-professional Activity Reflection	7,8,10	No points are awarded; however, the assignment must be completed to our satisfaction for the student to pass the course.
Total		440
Points required to pass the lab portion of the course (minimum of 77.0%)		338.8

The final course grade is to be computed using the following weights.

Evaluation Measure	Value	Student Learning Outcomes
Lecture total	60 %	1-6, 9, 12
Lab total	40%	7-11

Grading Scale and Procedure: *Total points*

Letter Grade	Associated Percentage	Points
A	93.0%– 100%	851 - 915
B	85%-92.9%	850.9 – 777.8
C	77.0%-84.9%	777.7 – 704.6
D	70.0%-76.9%	704.5 – 640.5
F	69.9% and below	640.4 and below

*Students should refer to the PTA Student Handbook to review additional policies and procedures related to grading, turning in assignments, and how to pass PTA-technical courses.
Tentative Class Assignments:

Week & Dates	SLO	Lab Session - (Wednesday) – 12:30-3:20pm	Lecture – (Thursday) 12:00-3:50pm
1 DATE	1,2,7	Topics: Cranial Nerves and Reflexes Pre-Lab Reading/Viewing: Cranial Nerves, OS pgs 153-155, Reflex Testing OS pgs 149-151 Videos in BB Skill Checks today: Cranial Nerve and Reflex Testing Assignments/Tests: Cranial Nerve Sheet-Complete by start of lab	Topics: Syllabus Review, Neuroanatomy Pre-Class Reading/Viewing: NIPT Chapter 2 In-class Activities: Bonus PLQ#0- NIPT Chapter 2 Assignments/Tests: Basecamp: Innervations due DATE at TIME
2 DATE	3,5,7	Topics: Dermatomes/Myotomes Pre-Lab Reading/Viewing: Review dermatome/myotome activity on BB; Bring to lab- colored pencils and markers Skill Checks today: None In class activities: Dermatome/Myotome Drawing and Sensory testing Assignments/Test: Lab Quiz 1-Cranial Nerves	Topics: Motor Control/Learning Motor Development/Milestones Pre-Class Readings/Viewing: NIPT Chapter 3 and 4 In-class Activities: PLQ #1- NIPT Chapter 4 Assignments/Tests:
3 DATE	3,5,9,11	Topics: PNF Patterns UE and LE Pre-Lab Reading/Viewing: Patterns pg. 297-302; Videos in BB Skill Checks today: PNF Patterns Assignments/Tests:	Topics: Positioning and Handling Pre-Class Readings/Viewing: NIPT Chapter 5 In-class Activities: PLQ #2- NIPT Chap.5

			Assignments/Tests: Lecture Quiz 1- NIPT Chap. 3
4 DATE	3,5,9,11	Topics: PNF Techniques- R.S, R.R, A.R, A.I Pre-Lab Reading/Viewing: RR (pg. 309); AI (pg. 315-318); RS (pg.318-320); AR (pg. 322-323); PNF videos posted in BB Skill Checks today: Finish Patterns, Techniques Assignments/Tests: Lab Quiz 2- PNF Case Study 1- PNF (Due DATE at TIME	Topics: PNF Pre-Class Readings/Viewing: NIPT Chapter 10 In-class Activities: Owens Daycare Visit @ 2:45pm Assignments/Tests: Pediatric Treatment Plan- Due DATE at TIME
5 DATE	1,2,5,11	Topics: Transfers and Education for Medically Complex Patients Pre-Lab Reading/Viewing: Videos in BB Skill Checks today: CVA and SCI Transfer and Education Assignments/Tests: Lab Quiz #3- Transfer/Education for Complex Patients	Topics: SCI Pre-Class Readings/Viewing: OS Chapter 20 In-class Activities: PLQ #3- OS Chap. 20 Assignments/Tests: Basecamp-Spinal Cord Level of Lesion and Functional Outcomes due DATE at TIME Lecture Quiz 2- NIPT Chap. 5
6 DATE	1,3,5,6,11,12	Topics: Practical Review Pre-Lab Reading/Viewing: Review Practical Rubric and Schedule Skill Checks today: Finish any remaining/missed skills In-Class Activities: Practical Simulation Assignments/Tests: SOAP Note #1	Topics: ALS, MS, GBS Pre-Class Readings/Viewing: NIPT Ch. 14 (pgs. 536-551) In-Class Activities: PLQ #4- NIPT Chap. 14 (listed pages) Assignments/Tests: EXAM 1

7 DATE	3, 5, 7, 9, 11	Practical 1	Topics: CVA Pre-Class Readings/Viewing: OS Chapter 15 (pgs. 523-558) In-class Activities: PLQ #5- OS Chap 15 (listed pages) Thickened Liquids *Bring your favorite drink to lecture* Assignments/Tests: Basecamp-Upper Versus Lower Motor Neuron Disease due DATE at TIME
8 DATE	3, 4, 5, 6, 11	Topics: Balance/Coordination In Class Activities: Balance Circuit Activity Skill Checks Today: Standing and Seated Balance Skill Checks Assignments/Tests: Treatment Plan 1-CVA due DATE at TIME	Topics: Cerebral Palsy and Myelomeningocele *ASYNCHRONOUS LECTURE* Pre-Class Readings/Viewing: NIPT Chapter 6 and 7 In Class Activities: PLQ #6- NIPT Chap 6 *5 question Respondus Quiz will replace this. This quiz is still due by DATE at TIME* Assignments/Tests: Lecture Quiz 3- OS Chap. 15 Intra-professional Activity with TBD at TIME.
9 DATE	1, 5, 6, 10, 11	Topics: Gait Training Pre-Lab Reading/Viewing: Skill Checks today: Gait Training (CVA) Assignments/Tests: Case Study #2 due DATE at TIME	Topics: TBI Pre-Class Readings/Viewing: OS Chapter 19 In Class Activities: PLQ #7- OS Chap. 19 Assignments/Tests: Basecamp- Rancho Los Amigos Cognitive Functioning Scale due

			DATE at TIME
10 DATE	1, 3, 5, 6, 11	Topics: Gait Training Pre-Lab Reading/Viewing: Skill Checks today: Gait Training (SCI) Assignments/Tests: Lab Quiz #4- Gait with CVA and SCI	Lecture Quiz 4- NIPT Chap. 7 Topics: Genetic Disorders Pre-Class Readings/Viewing: NIPT Chapter 8 (DMD, Down Syndrome, OI, and CF) In Class Activities: PLQ #8- NIPT Chap. 8 (listed dx) Assignments/Tests: Exam 2
11 DATE	5, 6, 7, 8, 10, 11	Topics: Standardized Testing Pre-Lab Reading/Viewing: Links/Videos in BB Skill Checks today: TUG, Rhomberg, and Functional Reach Assignments/Tests: Treatment Plan 2-Parkinson's PhysioU: Rigidity Assessment due DATE at TIME	Topics: Parkinson's Pre-Class Readings/Viewing: OS Chapter 18 In Class Activities: PLQ #9- OS Chap. 18 Assignments/Tests:
12 DATE	4, 5, 7, 8, 11, 12	Topics: Standardized Testing and Review Pre-Lab Reading/Viewing: Links/Videos in BB Skill Checks today: BERG and Tinetti Assignments/Tests: Lab Quiz 5- Standardized Test SOAP Note #2	Topics: Vestibular Disorders/Balance Pre-Class Readings/Viewing: OS Chapter 6 and 21 In Class Activities: PLQ #10- OS Chap 6 Assignments/Tests: Lecture Quiz 5- OS Chap. 18 *IPE Event DATE at TIME, attendance is required*
13 DATE	4, 5, 7, 8, 11	Topics: PRACTICAL #2 Assignments/Tests:	Topics: Psychosocial and Cognitive Disorders Pre-Class Readings/Viewing: OS Chapter 26, Cognitive Disorders information will come

			from CANVA presentation In Class Activities: Assignments/Tests: Lecture Quiz 6- OS Chap. 21
14 DATE	1, 3, 4, 5, 6, 10, 11	Topics: Review for Combo Practical Pre-Lab Reading/Viewing: Practical Rubric and Schedule Skills checks today: Assignments/Tests: PhysioU- TUG due DATE at TIME	Topics: Dx Presentations Pre-Class Readings/Viewing: Review Posted Dx information from classmates -Autism, Post-Polio, Bell's Palsy, Myasthenia Gravis, Epilepsy, Huntington's, Migraines Assignments/Tests: Basecamp-Pharmacology due DATE at TIME
15 DATE	4, 5, 7, 8, 9, 11	Final Practical	Topics: Optional Virtual Exam Review Pre-Class Readings/Viewing: In-class Activities: Assignments/Tests:
16 DATE		Final Practical Exam - Reschedules & Second attempts: DATE Final Lecture Exam: DATE Cumulative Exam: Dates and information	

Assignment Calendar Notes:

Quizzes: LEC and LAB Respondus Quizzes are available DATE at TIME.

1. Lecture Assignments – See Blackboard for assignment details.

a. Basecamp –Students will submit their scorecard through Blackboard (refer to Blackboard for additional information on how to submit assignment). See below for due dates.

b. **All Basecamp assignments are located in the Neuromuscular Mountain:**

i. Innervation (25 questions) due **DATE at TIME**

ii. Spinal Cord Level of Lesion and Functional Outcomes (10 questions) due **DATE at TIME**

iii. Upper Versus Lower Motor Neuron Disease (10 questions) due **DATE at TIME**

iv. Rancho Los Amigos Cognitive Functioning Scale (10 questions) due **DATE at TIME**

v. Pharmacology - Neuromuscular (20 questions) due **DATE at TIME**

Pre-Lecture Quizzes

i. A 5-point quiz will be administered at the beginning of each lecture open from TIME.

- ii. Late arrival to class will result in the student being unable to take the PLQ unless the absence is excused.
- 2. **Lecture Exams:** Available Monday-Friday of the scheduled exam week. Visit the testing center website to schedule the date at time of the exam. <https://www.owens.edu/testing/>
- a. **Exception:** the final exam will be available **DATE** (last day of the semester is DATE).
- 3. **Lab Assignments**
 - a. PhysioU- students will complete the **Neuro Simulation: MiniSIMS** and must receive an 80% or higher to pass that section's assignment. **ALL assignments** must be completed and turned in with at least an 80% pass rate in order to pass this course. Students will submit their scorecard through Blackboard. Refer to Blackboard for additional information on how to submit assignment. See below for due dates.
 - i. Rigidity Assessment due **DATE at TIME**
 - ii. Timed Up and Go due **DATE at TIME**
- 4. **LAB Practicals:** Taken on the student's scheduled lab day and time. See Blackboard for rubrics and schedules.
- 5. **LAB Skill Checks:** Information found on Blackboard