



**PTA 102 Syllabus  
SEMESTER  
School of Nursing and Health Professions**

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>Course Name:</b> <i>Functional Anatomy and Kinesiology</i> |                   |
| <b>Course &amp; Section Number:</b>                           | PTA 102-XXX       |
| <b>Meeting Day(s) &amp; Time(s):</b>                          | Lecture-<br>Labs- |
| <b>Credits:</b>                                               | 4                 |
| <b>Contact Hours:</b>                                         | 2 lecture, 6 lab  |
| <b>Instructor's Name:</b>                                     |                   |
| <b>Office Hours &amp; Location:</b>                           |                   |
| <b>OCC Phone:</b>                                             |                   |
| <b>OCC Email:</b>                                             |                   |
| <b>Additional Contact Information:</b>                        |                   |

\* 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:**

This course will provide a comprehensive understanding of human movement, focusing on biomechanical principles as they relate to the practice of physical therapy. Osteokinematic and arthrokinematic concepts will be discussed. Structure, function, and movement of the

musculoskeletal system, joint and tissue properties, and common musculoskeletal conditions are introduced. Basic assessment and documentation of joint and muscle function will be completed. Laboratory sessions provide application of learned skills.

**Prerequisite/Corequisites:**

Corequisite: PTA 214

Prerequisites: PTA 101 and PTA 210

**Course Materials**

- Lippert, Lynn S., Clinical Kinesiology and Anatomy, 7th ed., F.A. Davis
- Lippert & Minor, Laboratory Manual for Clinical Kinesiology and Anatomy, 5th ed., F.A. Davis
- Clarkson, Hazel M., Musculoskeletal Assessment, 4th ed., Lippincott Williams & Wilkins
- O'Sullivan, Susan, Physical Rehabilitation, 7th ed., F.A. Davis
- [PhysioU](#)

## What You Will Learn in the Course

**Course Objectives**

The course will:

1. Compare functional anatomy and kinesiology to the musculoskeletal system as it relates to physical therapy.
2. Explain the significance of active and passive insufficiency and its effect on the movement of the musculoskeletal system.
3. Explain the importance of length-tension relationships and adaptive lengthening and shortening in relation to their effect on joint movement.
4. Describe how to distinguish between end-feels and their significance in patient care.
5. Show students how to organize components of data collection using appropriate tests and measures to measure and monitor non-complex patient responses before, during, and after physical therapy interventions for the musculoskeletal system.
6. Provide students opportunities to apply an understanding of the outcome of performed tests and measures to determine the need for consultation with a physical therapist related to non-complex conditions of the musculoskeletal system.
7. Present on therapy interventions for non-complex musculoskeletal conditions as identified in the plan of care established by the physical therapist to achieve patient and client goals and outcomes.

**Student Learning Outcomes:**

The student will:

| Student Learning Outcome                                                      | Evaluation Measure (where assessed)                                         |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1. Explain the difference between arthrokinematic and osteokinematic motion.  | Pre-Lecture Quiz 1, Lecture Quiz 1, Patient Case 1, 2, lab Quiz 1-3, Exam 1 |
| 2. Define the differences between and the structures of common synarthrodial, | Pre-Lecture Quiz 2, Lecture Quiz 2, Basecamp 2, Exam 1                      |

| <b>Student Learning Outcome</b>                                                                                                                                                                                                         | <b>Evaluation Measure (where assessed)</b>                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| diarthrodial, and synovial joints in the musculoskeletal system.                                                                                                                                                                        |                                                                                                              |
| 3. Relate the convex-concave rule to common joints.                                                                                                                                                                                     | Pre-Lecture Quiz 3, Lecture Quiz 2, Patient Case 1, 2, Exam 1                                                |
| 4. Identify the origin, insertion, action, and nerve innervations of selected superficial and deep muscles of the musculoskeletal system.                                                                                               | Pre-Lecture Quiz 4-11, Lecture Quiz 3-5, Lab Quiz 1-4, Patient Case 1, 2, Exams 1-3                          |
| 5. Summarize how muscle active and passive insufficiency, adaptive lengthening and shortening, and length-tension relationships affect joint movement.                                                                                  | Pre-Lecture Quiz 3-5, Lecture Quiz 1-3, Lab Quiz 1-2, Basecamp 3, 4, Patient Case 1, 2, Exams 1-3            |
| 6. Outline the principle of stretching.                                                                                                                                                                                                 | Pre-Lecture Quiz 3, Patient Case 1, 2, Exam 1                                                                |
| 7. Compare isometric, isotonic, and isokinetic muscle contractions.                                                                                                                                                                     | Basecamp 1, Patient Case 1, 2, Lab Quiz 1-3, Exams 1-3                                                       |
| 8. Describe the difference between open- and closed- kinetic chain activities.                                                                                                                                                          | Pre-Lecture Quiz 4, Lecture Quiz 2-4, Patient Case 1, 2, Exams 1-3                                           |
| 9. Recognize common conditions of the musculoskeletal system.                                                                                                                                                                           | Pre-Lecture Quiz 5-11, Lecture Quiz 4, Basecamp 5, Patient Case 1, 2, SOAP Note 1-4, Lab Quiz 1-4, Exams 1-3 |
| 10. Select and perform components of data collection using appropriate tests and measures to measure and monitor non-complex patient responses before, during, and after physical therapy interventions for the musculoskeletal system. | SOAP Note 1-4, Practicals 1-4                                                                                |
| 11. Perform goniometric assessment of joint active range of motion at major joints of the body.                                                                                                                                         | Lab Worksheets 1-9, Practicals 1-4                                                                           |
| 12. Execute manual muscle testing in gravity-eliminated and gravity-active positions as applicable of major muscle groups of the body.                                                                                                  | Lab Worksheets 1-9, Practicals 1-4                                                                           |
| 13. Demonstrate accurate palpation of bony and soft tissue landmarks.                                                                                                                                                                   | Lab Worksheets 1-9, Practicals 1-4                                                                           |
| 14. Perform end-feel assessment during passive range of motion of select joints.                                                                                                                                                        | Lab Worksheets 1-9, Practicals 1-4                                                                           |
| 15. Infer likely causes of musculoskeletal dysfunction based on the analysis of osteokinematic movement and patient presentation.                                                                                                       | Lab Worksheets 1-9, Lab Quiz 1-4, Practicals 1-4                                                             |
| 16. Select and perform therapy interventions for non-complex musculoskeletal conditions as                                                                                                                                              | Patient Case 1-2, Practicals 1-4                                                                             |

| Student Learning Outcome                                                                                               | Evaluation Measure (where assessed)                                         |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| identified in the plan of care established by the physical therapist to achieve patient and client goals and outcomes. | Intra-Professional Activity Reflection                                      |
| 17. Analyze patient presentation to the results of special tests to determine affected structures.                     | SOAP Note 1-4, Lab Quiz 1-4, Practicals 1-4                                 |
| 18. Construct SOAP notes abiding by documentation guidelines.                                                          | SOAP Note 1-4, Practicals 1-4<br><br>Intra-Professional Activity Reflection |

### PTA Program Outcomes:

The following program outcomes are assessed in this course

| Outcome                                                                                           | Evaluation Measure                                           |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| The Program will graduate individuals who are safe with patient care.                             | Practicals 1-4<br><br>Intra-Professional Activity Reflection |
| The Program will graduate individuals who demonstrate cultural sensitivity in their interactions. | Practicals 1-4                                               |
| The Program will graduate individuals who demonstrate effective clinical problem-solving skills.  | Practicals 1-4                                               |

### 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        |
|--------------------------------------------------------|---------------------------|
| Communicate effectively.                               | Practicals 1-4            |
| Act with professional responsibility.                  | Practicals 1-4            |
| Demonstrate sensitivity to others' beliefs and values. | Practicals 1-4            |
| Think creatively.                                      | Practicals 1-4, Exams 1-3 |

### 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 accommodations 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](mailto: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](mailto: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](mailto: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](mailto: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 Tools:**

This course permits you to use artificial intelligence (AI) tools, such as chatbots, text generators, paraphraser, summarizers, or solvers, to get guidance on assignments, as long as you do so in an ethical and responsible manner. Essentially, you can think of these tools as ways to help you learn but not to entirely create work for assignments like discussion board posts, essays, presentation slides, and so on. AI is more like your tutor or TA, not a replacement for your independent thinking.

This means that you must:

- Not use AI tools to replace your own thinking or analysis or to avoid engaging with the course content.
- Cite or explain any AI tools you use. Provide the name of the AI tool, the date of access, the URL of the interface, and the specific prompt or query you used to generate the output.
- Be transparent and honest about how you used the AI tool and how it contributed to your assignment. Explain what you learned from the AI tool, how you verified its accuracy and reliability, how you integrated its output with your own work, and how you acknowledged its limitations and biases.

You are accountable for any mistakes or errors made by the AI tool. Always check and edit the output before submitting your work. If you discover any inaccuracies or inconsistencies in the output after submission, notify the instructor immediately and correct them as soon as possible.

Using AI tools in an unethical or irresponsible manner, such as copying or paraphrasing the output without citation or transparency, using the output as your own work without verification or integration, or using the output to misrepresent your knowledge or skills, is considered a form of academic dishonesty and will result in a zero grade for the assignment and possible disciplinary action. If you have any questions about what constitutes ethical and responsible use of AI tools, please consult with the instructor before submitting your work.

## **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. All Basecamp assignments must be completed and submitted with at least an 80% or higher.

3. Students must complete the Intra-professional Activity Reflection Assignment.

**Assignment Submission:**

All document assignments should be attached in the Blackboard assignment submission as a PDF. 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:**

Refer to PTA Handbook policy 6.3B

## How Grades are Determined and Major Assignments

### Lecture

| Evaluation Measure                                                                  | Student Learning Outcomes Assessed | Value (points) |
|-------------------------------------------------------------------------------------|------------------------------------|----------------|
| Pre-Lecture Quizzes (11 @ 5 pts ea)                                                 | 1-9                                | 55             |
| Respondus Quizzes (5 @ 10 pts ea)                                                   | 1-9                                | 50             |
| Exams (3 @ 100 pts ea)                                                              | 1-9                                | 300            |
| Basecamp Assessments (5 @ 2 pts ea)                                                 | 1-9                                | 10             |
| Patient Cases (2 @ 10 pts ea)                                                       | 6,7,15,17                          | 20             |
| SOAP Note (4 @ 5 pts ea)                                                            | 18                                 | 20             |
| Total                                                                               |                                    | 455            |
| <b>Points required to pass the lecture portion of the course (minimum of 77.0%)</b> |                                    | 350.35         |

### Lab

| Evaluation Measure                                                              | Student Learning Outcomes Assessed | Value (points)                                                              |
|---------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------|
| Respondus Quizzes (4 @ 10 pts ea)                                               | 1-9                                | 40                                                                          |
| Practicals (4 @ 100 pts ea)                                                     | 10-18                              | 400                                                                         |
| Worksheets (9 @ 5 pts ea)                                                       | 1-9                                | 45                                                                          |
| Intra-Professional Activity Reflection                                          | 10, 16,17                          | Assignment must be completed to our satisfaction for student to pass course |
| Total                                                                           |                                    | 485                                                                         |
| <b>Points required to pass the lab portion of the course (minimum of 77.0%)</b> |                                    | 373.45                                                                      |

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

| Evaluation Measure | Value | Student Learning Outcomes |
|--------------------|-------|---------------------------|
| Lecture total      | 60 %  | 1-9                       |
| Lab total          | 40%   | 10-18                     |

### Grading Scale and Procedure

| Letter Grade | Associated Percentage | Points       |
|--------------|-----------------------|--------------|
| A            | 93.0%– 100%           | 874.2-940    |
| B            | 92.9% – 85.0%         | 873.23-799   |
| C            | 84.9%– 77.0%          | 798.06-723.8 |
| D            | 76.9% – 70.0%         | 722.86-658   |
| F            | 69.9% and below       | 657.06-0     |

## Tentative Class Assignments

| Week        | SLO         | Lab Session<br>DATE at TIME                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                   | Lecture<br>TIME                                                                                                                                                                                                              |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |             | Wednesday                                                                                                                                                                                                                                                                                                                               | Thursday                                                                                                                                                                                                                                                                          | Thursdays                                                                                                                                                                                                                    |
| (1)<br>DATE | 1, 11,13-14 | <b>Topics:</b> Principles and Methods, Palpation; Knee<br><br><b>Pre-Lab Reading/Viewing:</b><br>MSA Ch 1 pgs 5-6 (palpation and posture)<br><br>Lab Manual pgs 223-228<br><br>Physio U: Knee bony landmarks and soft tissue<br><br><b>Skill Checks Today:</b><br>Knee: Bony landmarks and soft tissue<br><br><b>Assignments/Tests:</b> | <b>Topics</b> ROM Assessments; Knee<br><br><b>Pre-Lab Reading/Viewing:</b><br>MSA Ch 1 pgs 14-33 (assessment of ROM)<br><br>MSA CH 7 Knee pgs 334-350<br><br>PhysioU: Knee ROM, MMT, Special Test<br><br><b>Skill Checks Today:</b><br>Knee: ROM<br><br><b>Assignments/Tests:</b> | <b>Topics:</b> Review of syllabus and Basics<br><br><b>Pre-Class Readings:</b><br>CH 1 (PLQ #0)<br>CH 2<br><br><b>Assignments/Tests</b>                                                                                      |
| (2)<br>DATE | 2-3, 12, 17 | <b>Topics</b> MMT Assessments; Knee<br><br><b>Pre-Lab Reading/Viewing:</b><br>MSA Ch 1<br>- Pgs 38-53 (assessing MMT)<br><br>MSA CH 7 Knee pgs 334-350<br><br><b>Skill Checks Today:</b><br>Knee: MMT<br><br><b>Assignments/Tests:</b>                                                                                                  | <b>Topics</b> Special Test Assessments; Knee<br><br><b>Pre-Lab Reading/Viewing:</b><br>PhysioU: Knee Special Test<br><br><b>Skill Checks Today:</b><br>Knee: Special Test<br><br><b>Assignments/Tests:</b><br>Worksheet: CH18                                                     | <b>Topics:</b> Skeletal System; Articular System & Arthrokinematics<br><br><b>Pre-Class Readings:</b><br>CH 3 (PLQ #1)<br>CH 4<br><br><b>Assignments/Tests:</b><br>Lecture Quiz 1: CH1 & CH2<br>Basecamp; Planes of the Body |

|             |                    |                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                           |
|-------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (3)<br>DATE | 5-14               | <b>Topics Hip</b><br><br><b>Pre-Lab Reading/Viewing:</b><br>Lab Manual pgs 101-102;<br>206-212<br><br>Physio U: Hip bony<br>landmarks and soft tissue<br><br><b>Skill Checks Today:</b><br>Hip: Bony landmarks and soft<br>tissue<br><br><b>Assignments/Tests:</b> | <b>Topics Hip</b><br><br><b>Pre-Lab Reading/Viewing:</b><br>MSA Ch 6 pgs 278-321<br><br>Physio U: Hip ROM and<br>MMT<br><br><b>Skill Checks Today:</b><br>Hip: ROM and MMT<br><br><b>Assignments/Tests:</b>                                                                                                 | <b>Topics: Muscular System;</b><br>Brief review of Nervous<br>and Circulatory Systems<br><br><b>Pre-Class Readings:</b><br>CH 5<br>CH 6 (PLQ #2)<br>CH 7<br><br><b>Assignments/Tests:</b><br>Lecture Quiz 2: CH3 &<br>CH4 |
| (4)<br>DATE | 3-4,9-<br>10,13,17 | <b>Topics Hip</b><br><br><b>Pre-Lab Reading/Viewing:</b><br>PhysioU: Hip special test<br><br><b>Skill Checks Today:</b><br>Hip: MMT, Special Test<br><br><b>Assignments/Tests:</b>                                                                                 | <b>Topics: Ankle</b><br><br><b>Pre-Lab Reading/Viewing:</b><br>Lab Manual pgs 245-252<br><br>PhysioU: Ankle bony<br>landmarks and soft tissue<br><br><b>Skill Checks Today:</b><br>Ankle: Bony landmarks and<br>soft tissue<br><br><b>Assignments/Tests:</b><br>Worksheet CH 17<br>Lab Quiz 1: Knee and Hip | <b>Topics: Pelvis &amp; Hip</b><br><br><b>Pre-Class Readings:</b><br>CH 10<br>CH 17 (PLQ #3)<br><br><b>Assignments/Tests:</b><br>Basecamp: Terminology-<br>Musculoskeletal                                                |
| (5)<br>DATE | 3-4,9-<br>12,17    | <b>Topics: Ankle</b><br><br><b>Pre-Lab Reading/Viewing:</b><br>MSA CH 8 pgs 365-408<br><br>PhysioU: Ankle ROM, MMT<br><br><b>Skill Checks Today:</b><br>Ankle: ROM, MMT<br><br><b>Assignments/Tests:</b>                                                           | <b>Topics: Ankle</b><br><br><b>Pre-Lab Reading/Viewing:</b><br>PhysioU: Ankle Special Test<br><br><b>Skill Checks Today:</b><br>Ankle: Finish MMT, Special<br>Test<br><br><b>Assignments/Tests:</b><br>Worksheets: CH19                                                                                     | <b>Topics: Knee</b><br><br><b>Pre-Class Readings:</b><br>CH 18 (PLQ #4)<br><br><b>Assignments/Tests:</b><br>Exam #1: (100 questions;<br>Content: CH 1-7)                                                                  |

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| (6)<br>DATE | 3-4,9-18     | <b>Topics:</b> Finish Skills and Review for Practical<br><br><b>Pre-Lab Reading/Viewing:</b><br>Review Practical 1 Rubric<br><br><b>Skill Checks Today:</b><br>Finish any LE skill checks                                                                                                                                                                                                                           | <b>Topics:</b> Practical 1 (LE)/SOAP 1<br><br><b>Assignments/Tests:</b><br>Lab Quiz 2: Ankle                                                                                                                                                                                                        | <b>Topics:</b> Leg, Ankle, & Foot<br><br><b>Pre-Class Readings:</b><br>CH 19 (PLQ #5)<br><br><b>Assignments/Tests:</b><br><br>Basecamp; End Feels<br>Patient Case 1 Due |
| (7)<br>DATE | 3-4,9-11,13  | <b>Topics:</b> TMJ, Neck & Trunk<br><br><b>Pre-Lab Reading/Viewing:</b><br>Lab Manual pgs 72-76<br>Lab Manual pgs 86-91<br><br>PhysioU: TMJ bony landmarks and soft tissue<br><br>Cervical and lumbar bony and soft tissue<br><br>MSA CH 9 pgs 431-433<br><br><b>Skill Checks Today:</b><br>TMJ: Bony landmarks, soft tissue, ROM<br><br>Neck & Trunk: Bony landmarks, soft tissue<br><br><b>Assignments/Tests:</b> | <b>Topics:</b> Neck & Trunk<br><br><b>Pre-Lab Reading/Viewing:</b><br>MSA CH 9 pgs 493-198<br>MSA CH 9 437-441, 477,484<br><br>PhysioU: Cervical and lumbar ROM, MMT<br><br><b>Skill Checks Today:</b><br>Neck & Trunk: ROM, MMT, Special Tests<br><br><b>Assignments/Tests:</b><br>Worksheets: CH8 | <b>Topics:</b> Neck and Trunk<br><br><b>Pre-Class Readings:</b><br>CH 9 (PLQ #6)<br><br><b>Assignments/Tests:</b><br>Lecture Quiz 3: CH 18 & CH 19                      |
| (8)<br>DATE | 3-4,9-15, 17 | <b>Topics:</b> Neck & Trunk/ Pulmonary<br><br><b>Pre-Lab Reading/Viewing:</b><br>MSA CH 9 pgs 493-198<br><br><b>Skill Checks Today:</b>                                                                                                                                                                                                                                                                             | <b>Topics:</b><br>Intra-Professional Activity with BGSU DPT program.<br><br><b>Assignments/Tests:</b><br>Worksheets: CH9                                                                                                                                                                            | <b>Topics:</b> Head and TMJ & Pulmonary<br><br><b>Pre-Class Readings:</b><br>CH 8 (PLQ #7)<br>CH 11                                                                     |

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|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |             | Special tests<br>Pulmonary: Bony landmarks, soft tissue, ROM<br><br><b>Assignments/Tests:</b>                                                                                                                                                                                                                                               | Lab Quiz 3: TMJ, Neck and Trunk                                                                                                                                                                                                                    | <b>Assignments/Tests:</b>                                                                                                                                                                  |
| (9)<br>DATE  | 3-4,9-18    | <b>Topics:</b> Review for Practical #2<br><br><b>Pre-Lab Reading/Viewing:</b> Practical #2 rubric<br><br><b>Skill Checks Today:</b> Finish any skill checks<br><br><b>Assignments/Tests:</b> Worksheets: CH 11                                                                                                                              | <b>Topics:</b> Practical #2 (TMJ, Trunk, Pulmonary)/SOAP 2<br><br><b>Assignments/Tests:</b>                                                                                                                                                        | <b>Topics:</b> Shoulder Girdle<br><br><b>Pre-Class Readings:</b> CH 12 (PLQ #8)<br><br><b>Assignments/Tests:</b> Lecture Quiz 4: CH 9 & CH 8                                               |
| (10)<br>DATE | 3-4,9-15,17 | <b>Topics:</b> Shoulder Girdle and Shoulder<br><br><b>Pre-Lab Reading/Viewing:</b> Lab Manual pgs 127-130, 143-148<br><br>PhysioU: Shoulder bony landmarks and soft tissue<br><br><b>Skill Checks Today:</b> Shoulder Girdle: Bony palpations and soft tissue<br>Shoulder: Bony palpations and soft tissue<br><br><b>Assignments/Tests:</b> | <b>Topics:</b> Shoulder<br><br><b>Pre-Lab Reading/Viewing:</b> MSA CH 3 pgs 87-99, 120-138<br><br>PhysioU: Shoulder ROM, MMT<br><br><b>Skill Checks Today:</b> Shoulder: ROM, MMT, Special Tests<br><br><b>Assignments/Tests:</b> Worksheets: CH12 | <b>Topics:</b> Shoulder Joint<br><br><b>Pre-Class Readings:</b> CH 13 (PLQ #9)<br><br><b>Assignments/Tests:</b> Exam #2: (100 questions; 80% Content: CH 8-11, 17-19; 20% Content: CH 1-7) |
| (11)<br>DATE | 3-4,9-15,17 | <b>Topics:</b> Finish Shoulder, Elbow<br><br><b>Pre-Lab Reading/Viewing:</b> Lab Manual pgs 160-164                                                                                                                                                                                                                                         | <b>Topics:</b> Elbow<br><br><b>Pre-Lab Reading/Viewing:</b> MSA CH 4 pgs 153-157, 168-178                                                                                                                                                          | <b>Topics:</b> Elbow and Forearm<br><br><b>Pre-Class Readings:</b> CH 14 (PLQ #10)                                                                                                         |

|              |             |                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                  |
|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |             | <p>PhysioU: Shoulder Special Tests, Elbow bony landmarks and soft tissue</p> <p><b>Skill Checks Today:</b><br/>Shoulder: Special Tests<br/>Elbow: Bony landmarks and soft tissue</p> <p><b>Assignments/Tests:</b></p>                                                                                         | <p>PhysioU: Elbow ROM, MMT, Special Tests</p> <p><b>Skill Checks Today:</b><br/>Elbow: ROM, MMT, Special Tests</p> <p><b>Assignments/Tests:</b><br/>Worksheets: CH13<br/>Lab Quiz 4: Shoulder Girdle and Shoulder</p>                                                                                                                                                         | <p><b>Assignments/Tests:</b><br/>Basecamp;<br/>Arthrokinematics-<br/>Osteokinematics<br/>Patient Case 2 Due</p>                                                                                                  |
| (12)<br>DATE | 3-4,9-15,17 | <p><b>Topics:</b> Wrist</p> <p><b>Pre-Lab Reading/Viewing:</b><br/>Lab Manual pgs 174-178</p> <p>MSA CH 5 pgs 200-203</p> <p>PhysioU: Wrist bony landmarks and soft palpations, ROM</p> <p><b>Skill Checks Today:</b><br/>Wrist: Bony landmarks and soft palpations, ROM</p> <p><b>Assignments/Tests:</b></p> | <p><b>Topics:</b> Wrist, Hand</p> <p><b>Pre-Lab Reading/Viewing:</b><br/>Lab Manual pgs 188-192</p> <p>MSA CH 5 228-238</p> <p>PhysioU: Wrist MMT, Special Tests<br/>Hand: Bony landmarks and soft palpations</p> <p><b>Skill Checks Today:</b><br/>Wrist: MMT, Special Tests<br/>Hand: Bony landmarks, soft tissue</p> <p><b>Assignments/Tests:</b><br/>Worksheets: CH14</p> | <p><b>Topics:</b> Wrist and Hand</p> <p><b>Pre-Class Readings:</b><br/>Ch 15 (PLQ #11)<br/>CH 16</p> <p><b>Assignments/Tests:</b><br/>Lecture Quiz 5: CH 13 &amp; CH14<br/>Basecamp; Anatomy-Musculoskeletal</p> |
| (13)<br>DATE | 3-4,9-15,17 | <p><b>Topics:</b> Hand, Thumb</p> <p><b>Pre-Lab Reading/Viewing:</b><br/>Lab Manual pgs 188-192</p> <p>MSA CH 5 pgs 204-210, 239-248</p> <p>PhysioU: Hand ROM, MMT<br/>Thumb: Bony landmarks</p> <p><b>Skill Checks Today:</b><br/>Hand: ROM, MMT<br/>Thumb: Bony landmarks</p>                               | <p><b>Topics:</b> Finish Thumb, Review for Practical #3</p> <p><b>Pre-Lab Reading/Viewing:</b><br/>Final practical rubric and schedule<br/>Combined practical guidelines</p> <p><b>Skill Checks Today:</b></p> <p><b>Assignments/Tests:</b></p>                                                                                                                               | <p><b>Topics:</b> Gait</p> <p><b>Pre-Class Readings:</b><br/>CH 21</p> <p><b>Assignments/Tests:</b></p>                                                                                                          |

|              |      |                                                                                                                 |                                           |                                                                                      |
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|              |      | <b>Assignments/Tests:</b>                                                                                       |                                           |                                                                                      |
| (14)<br>DATE | 9-18 | <b>Topics: Practical #3 (UE)/SOAP 3</b>                                                                         | <b>Topics:</b> Review for combo practical | <b>Topics:</b> Review Day<br><b>Pre-Class Readings:</b><br><b>Assignments/Tests:</b> |
| (15)<br>DATE | 9-18 | <b>Final Lab Combo Practical/SOAP 4 Monday 4/29</b>                                                             |                                           |                                                                                      |
| (16)<br>DATE | 1-10 | <b>Final Lecture Exam</b> – DATE: (100 questions; 80% Content: CH 12-16, 21<br>20% Content: CH 1-11, and 17-19) |                                           |                                                                                      |

### Additional Notes

1. ALL Respondus Quizzes:
  - a. LEC and LAB Respondus Quizzes are available Wednesday 12:00 AM– 11:59 PM Thursday.
  - b. LEC and LAB quizzes are due on the Thursday of the assigned week at 11:59 PM.
2. \*Pre-Lecture Quizzes: The content for the PLQ will be the listed content on the content calendar unless otherwise noted by the instructor.
  - a. PLQ are taken within the first 5 minutes of lecture via Blackboard
3. Worksheets:
  - a. These assignments come from the lab manual accompanying the course.
  - b. Pre- and post- labs are **the only parts** required to be completed.
  - c. ALL lab sheets from the manual are to be turned in on-campus on **DATE prior to start of lab (TIME)**.
4. LEC Exams:
  - a. 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/>
  - b. It is the student's responsibility to schedule their exam online prior to the testing date
    - i. **Exception:** the final exam will be available **DATE to DATE** (last day of the semester is **DATE**)
5. LAB Practical Exams:
  - a. Taken on the student's scheduled lab day and time.
  - b. See Blackboard for rubrics and schedules.
6. Assignments
  - a. SOAP Notes
    - i. SOAP Note 1- Due DATE at TIME
    - ii. SOAP Note 2- Due DATE at TIME
    - iii. SOAP Note 3- Due DATE at TIME
    - iv. SOAP Note 4- Due DATE at TIME
      1. A SOAP note will be completed immediately following each practical exam, based on the student's patient case and skills completed. The SOAP note assignment will count toward the student's lecture grade.
      2. See Blackboard for the rubric and additional instructions.
  - b. Patient Cases
    - i. Due DATE of week specified
    - ii. Patient Case 1 Knee- Due DATE at TIME
    - iii. Patient Case 2 Shoulder- Due DATE at TIME
      1. See Blackboard for the rubric and additional instructions.

7. Basecamp – students 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 report through Blackboard. Refer to Blackboard for additional information on how to submit assignment. See below for due dates.
- i. Planes of the Body (10 questions) due DATE at TIME
  - ii. End Feels (10 questions) due Friday DATE at TIME
  - iii. Terminology-Musculoskeletal (10 questions) due DATE at TIME  
Arthrokinematics (15 questions) due Friday DATE at TIME
  - iv. Anatomy- Musculoskeletal (60 questions) due DATE at TIME