

**Western Kentucky University
Department of Allied Health
Doctor of Physical Therapy Program**

<u>Course Number:</u>	DPT 712
<u>Course Title:</u>	Principles of Physical Assessment II
<u>Credit Hours:</u>	2
<u>Lecture/Lab Hours:</u>	1 Credit Class (15 hours), 1 Credit Lab (30 hours—2 h per credit)
<u>Weekly Schedule:</u>	<p>Weeks 1 and 4: Monday 9:00 – 12:00 pm (Combined Sections) Wednesday Combined Sections during both labs— 9:00 -12:00 pm, and 1:00-4:30</p> <p>Week 2: Monday 9:00 -12:00 pm (Combined Sections) Wednesday: Section 1—9:00 -12:00 pm * Section 2—1:00-4:00 pm *</p> <p>Week 3: Monday: 8:30 am-12:00 pm (Combined) Wednesday: Section 2—9:00-12:00 pm * Section 1—1:00-4:00 pm * Friday: 8:00-9:30am Written Exam 1 10:00-12:00 and 12:30-3:00 pm</p> <p>Week 4: See above</p> <p>Week 5: Monday 9:00-12:00 (Combined Sections) Wednesday: 8:00—10:00 Written Final Exam 10:30-12:30 and 1:00-3:30pm Final Practical Exam</p> <p>*NOTE: Lab groups alternate times during these two weeks</p>
<u>Office Hours:</u>	Mon/Wed 7:30-9:00
<u>Location:</u>	MCHC 3347
<u>Instructor:</u>	Michael Kennedy, PT, DPT (Primary Instructor) Karen Furgal, PT, DPT, PCS

Course Description:

Additional patient assessment skills including manual muscle testing, reflex testing, sensation testing, and abdominal quadrant screening. Prerequisite: Open only to DPT students in good standing.

Course Objectives:

At the completion of the course content, the student will be able to:

Global Objectives:

1. Develop a caring and holistic approach to the patient with consideration of the patient's physical, emotional, spiritual, and intellectual needs. (7D18)
2. Develop good patient rapport through professional appearance, appropriate touch, and communication. (7D17)

3. Identify major tests and measures available to the practicing physical therapist.
4. Critically evaluate the reliability and validity of major examination techniques frequently performed by PT's in the clinic.
5. Select appropriate examination instruments and techniques associated with patient problems commonly seen in a physical therapy practice and explain the rationale behind the examination method selected.
 - a. List important principles related to screening and examination of patients/clients. (7D19)(7D18)
6. Interpret and synthesize findings of various examination instruments and techniques.
7. Express thoughts and ideas clearly in both verbal and written expression (via lab practicals and written assignments).
8. Perform all examination procedures in a safe manner that minimizes risks to the patient, client, others, and themselves.

Specific Skills:

9. Perform examination procedures appropriate to identify a given patient's problem which may include:
 - a. Muscle strength (7D19o)
 - b. Reflex integrity (7D19t)
 - c. Sensory integrity (7D19u)
 - i. Perform myotomal sensory evaluation of to determine areas of abnormality.
 - d. Palpation
 - i. Demonstrate accurate surface palpation of skin, bone, joint, muscle, pulses
10. Educate the patient in a culturally appropriate manner on examination procedures prior to patient examination. (7D7)(7D8)
11. Perform the appropriate examination procedures in an organized, efficient, and thorough manner.
 - a. Demonstrate the ability to perform self and peer evaluation. (7D12)
12. Interpret screening and examination results to identify the pertinent impairments, which may be addressed through physical therapy interventions.
 - a. Appropriately determine the patient/client who requires medical care not within the scope of physical therapy practice. (7D16)
13. Explain abnormal values and findings (as compared to normative values) when performing examination procedures.
14. Document all examination findings in measurable terms using accepted conventions, symbols, and test forms.

Course Structure and Learning Experience:

This course combines lecture and laboratory teaching. The human body will be analyzed using a regional approach beginning with the shoulder, elbow, wrist, and hand, followed by the head, neck, trunk, hip, knee, and ankle. Abdominal screening will also be incorporated. The integration of all course content will be assessed through final written and practical exams. The student will gain knowledge in this course from the combination of 1) self-study (i.e.: required reading assignments and preparation for lab activities/demonstrations), 2) lecture material, and 3) laboratory sessions. Emphasis will be placed on accuracy of examination techniques, the ability to interpret test results, and the organized manner in which an examination is performed.

Please ensure you have access to the course materials, including textbook and associated media prior to the first day of class. If you purchase a used textbook instead of new, you are responsible to purchase the video library that is associated with the textbook. <http://evolve.elsevier.com/Reese/muscle/>

Evaluation Methods:**Attendance**

Attendance and promptness to class will be monitored. Students must sign in at the beginning of each lecture/presentation and document the time of arrival. As per the student manual, one percentage point will be deducted from your final grade each time for tardiness and two percentage points for each unexcused absence.

Testing**a. Written Exams**

There will be a midterm and final exam. See “Course Grading” below. If any student does not or cannot take the final due to an emergency, then plans must be made at the discretion of the professor to complete all coursework within a specified time period. Each student must take all exams.

b. Reading Quizzes

A total of 4 quizzes will be administered in this class. There will be online reading quizzes at the start of weeks 2, 4 & 5 in Blackboard, each opening on the Saturday before class reading is due, and must be completed by 11:59 pm on the Sunday of the same weekend. The content will cover assigned readings and palpation videos, as well as content previously learned. Respondus Lock Down browser will be required, and each person is to complete each quiz independently. Evidence of working in a group will be considered as a case of academic dishonesty. ****Week 3 quiz will be in class, starting at 8:30 am due to scheduled Black Board maintenance.**

c. Practical Exams

Practical exams will be performed and graded throughout the semester to assess student competency on specific skills (MMT, reflex and sensory testing, etc.) as they apply to each region of the body. There will be 2 practical exams—the first (30 points) covering extremities and the second (40 points) will be cumulative. Specific assigned times for the practical exams will be announced in class.

Students will be graded on each performance criterion based on the instructor’s professional judgment in regard to the following areas: quality of care, supervision/guidance required (verbal cueing), accuracy/consistency of performance, and efficiency of performance. **The focus of grading will be competency, professional behavior, and safety of the “patient” and the student clinician.**

Consistent with course policy, if the student does not pass in 3 attempts, a failure in the course will result, regardless of the grade in the course prior to the third failed check off. Failure of the final practical exam will result in an incomplete in the course. See manual for procedures in the event that an incomplete must be issued.

Assignments:**a. Lab assignments:**

There will be weekly lab assignments, which are due at the beginning of the next class/lab, or as announced in class. These lab assignments are ungraded, but there will be a deduction of 1% point per day late off the final grade. Be prepared to participate in each lab. If you are not prepared for lab you will be asked to leave class per the Student Manual, and may be penalized as an unexcused absence or tardy.

b. Participation and Preparation

Class Participation and Preparation is expected as part of professionalism in a graduate program. The manual skills being developed in this class, combined with knowledge of surface anatomy and palpation, will require practice outside of class. Random pass/fail check offs (see below) and evidence of practice outside the lab will be assessed weekly. Lab sheets will be collected at designated times, and must include evidence of skill practice outside lab.

d. Random Lab Skill Check Off

Random pass/fail check-off (CO) procedure to test preparation will be assessed for material covered during previous labs. There will be one random check off prior to each practical exam. This is not announced and you must pass a random CO prior to each practical exam in order to be admitted to the practical exam. If you do not pass the random CO, you will need to schedule a re-take exam outside of class following practice. Similar to Practical exams, grading will be based on instructor professional judgement. See item c for more information about expectations.

e. Lab Presentations

Throughout your career as a physical therapist, you will be required to teach peers, patients, family members and other colleagues. In order to prepare you for this task, you will be presenting a MMT for an assigned group of muscles to the class during lab. After your presentation, you will be responsible to move among your peers for a period of time answering questions. Each group member is expected to have an equal share in the responsibilities of this task.

Professionalism

a. Non-clinical use of your phone during class will result in a loss of 1 point per occurrence. The professor reserves the right to ask you to leave class if your phone becomes a disruption.

b/ See below for descriptions of expected class professionalism details

Grading**a. Course Grading**

The final course grade is a letter grade. The course grade will be based on the following:

Assessment Method	Points
Midterm Exam	40
Written Final (Comprehensive)	60
Practical Exams x 2 (midterm 30 points, cumulative final 40 points)	70
Online Reading/Content Quizzes X 4 (5 points each)	20
Case Application Studies X 3 (5 points each)	15
Presentations x 2 (5 points each)	10
Random Check Off (2-prior to each practical exam)	Pass/Fail
Professionalism	Expected; 1% point deducted per infraction

Participation	Expected; 1% point deducted per infraction, including failure to use lab time wisely
TOTAL	215

Each student must receive a pass in practical examinations, competency check-offs and professional abilities/safety to receive a passing grade in the course.

b. Numeric and Letter Grade Translation (No grades will be rounded up)

A	90-100
B	80-89.999
C	70-79.999
F	<70

Instructional Practices:

1. Teaching Methods

- a. Lecture
- b. Class sessions with examples and personal instruction
- c. Class discussion
- d. Student self-study
- e. Demonstration

Teaching Aides

- a. White board
- b. Video
- c. PowerPoint
- d. Anatomical models

Course Policies

1. Refer to WKU DPT Student Manual for the following items:

- a. Student Responsibilities
- b. Student Disability Services
- c. Copyright
- d. Academic Misconduct
- e. Religious Holidays Policy
- f. WKU Writing Center
- g. Missed Class(es)/Student

The instructor reserves the right to make changes in the course schedule as needed to accommodate guest lecturers or to alter course content.

Required Texts:

1. Reese, N.B. (2012). *Muscle and Sensory Testing* (3rd ed.). WB Saunders, Philadelphia, PA. ISBN: 978-1437716115
2. Media associated with the textbook is required. <http://evolve.elsevier.com/Reese/muscle/>

DPT 712 CONTENT OUTLINE
Principles of Physical Assessment II

Week	Time/Schedule	Reading	Assignments Due (Reese)
1	Monday July 9	Ch 1 & 2 Ch 2: Scapula MMT	Ch 1 & 2 Read Ch 1 & 2 (through p. 93); MMT videos for Ch 2 Scap mm
1	Wednesday July 11 Combined labs 9-12; 1-4:30	Ch 2: Shoulder, Elbow/Forearm, Wrist, Hand Case Review in lab	Ch 2 (pp 95-182): Shoulder and elbow MMT videos Ch 2—Elbow/forearm, wrist/hand
2	Monday July 16	Ch 2: Review/Case Study Ch 4: Start pelvis/hip mm	Case Review 1 (#2-1 page 181, Q1-2) in BB Read Ch. 4 (pp 233-278) & MMT videos for pelvis/hip Online Quiz 1 due by 11:59 pm Sunday, July 15
2	Wednesday July 18	Presentation 1: Forearm & Hand Ch 4 Continue Pelvis/hip MMT/start knee MMT	Presentations due in lab Mediasite lecture 1 (LE) Ch 4 (pp 279-286) & MMT videos
3	Monday July 23 (8:30 for quiz 2 paper due to BB maintenance)	Ch 4: Knee and Lower Leg	Ch. 4 MMT videos Knee and lower Leg
3	Wednesday July 25	Presentation 2: Lower leg Trunk MMT	Case Review 2 (#4-2 page 326 by 11:59 pm) Chapter 3 Media Site Lecture 2 Read Ch 3 (pp 185-217) & view Trunk MMT videos
3	Friday July 27	8-9:30 Written Exam 10:00-2:30 Practical Exam (schedule TBA)	
4	Monday July 30	Online Quiz 3 by 11:59 pm Sunday July 29 MMT Trunk	Read Ch. 3 & 7 MMT Videos Case Review 3 (#3-1 page 230) by 11:59 pm in BB
4	Wednesday August 1—Combined labs 9-12; 1-4:30	HHD Superficial Reflexes	Media Site Lecture 3 HHD Chapter 7 (pp 437-441)
5	Monday August 6 (no KF)	Online Quiz 4 by 11:59 pm Sunday, August 5 Superficial Reflexes Review and Cases	Read Ch. 8 Superficial Reflexes Chapter 8 video content *** (CONT...)
5	Wednesday August 8	8-9:30 Final Cumulative Written Exam	

		10-12, 12:30-3 Final Cumulative Practical Exam (Schedule TBA)	
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Classroom and Laboratory Housekeeping: In accordance with the Student Manual you are responsible for maintaining and cleaning up the classroom and lab spaces. Students will be assigned times when they are responsible for **1)** cleaning and organizing all classroom surfaces **2)** cleaning and organizing storage room, **3)** laundry. Failure to perform your designated duty will result in an unexcused absence (2% deduction in final grade). SEE SCHEDULE DEVELOPED FOR DPT 711 (posted in the classroom).

Email Communication with Professor:

If there are any questions regarding course goals, tasks or activities, students are expected to contact the instructor for discussion in a respectful and professional manner, whether it is in person or in writing. Every attempt will be made to respond to emails within 24 hours Monday-Friday and within 48 hours over the weekend. If the nature of the communication by one class member is pertinent to the entire class, it will be posted on the Frequently Asked Questions section in the DPT 711 course in Black Board. Please check this section regularly.

Professional Responsibilities and Relationships:

Students in the DPT Program have chosen to pursue a profession which requires personal integrity, compassion, and a constant awareness of the commitment made. Exhibiting personal behaviors consistent with a respect for this profession and having pride in all work are central tenets of professionalism. Students are expected to incorporate them into daily life. To demonstrate commitment to these responsibilities while enrolled in DPT 711 Principles of Physical Assessment I, students are expected to:

1. Seek and accept feedback and constructive instruction from teachers, peers, and faculty in order to continually improve your educational experience, knowledge, and clinical skills.
2. Maintain courtesy and professionalism in written and face-to-face interactions with professors and peers.
3. Commit to the highest standards of competence.
4. Be mindful of demeanor, language, and appearance in the classroom.
5. Be accountable to all members of the WKU community, including fellow students, faculty, and support staff.
6. Admit to and assume responsibility for mistakes in a mature and honest manner and develop productive strategies for correcting them.
7. Be considerate and respectful of others' (teachers, peers, and faculty) time, rights, values, religious, ethnic and socioeconomic backgrounds, lifestyles, opinions, and choices, even when they differ from your own.
8. Meet the expectations for participation and timeliness.
9. Recognize limitations and seek help when my expertise, knowledge, or level of experience is inadequate to handle a situation in the classroom, hospital, or research setting.
10. Maintain appropriate relationships with peers and faculty.
11. Treat all members of the WKU community with respect, compassion, and dignity.
12. Be mindful to avoid intentionally embarrassing or disparaging others.

13. Provide feedback to others (both colleagues and superiors) in a constructive manner, with the goal of helping them to improve.
14. Treat those who participate in my education (e.g. standardized patients) with dignity and respect.
15. Actively work to create an atmosphere in classrooms, clinical settings and in laboratories that is conducive to optimal, interactive learning.
16. Support peers during difficult times in their academic, professional, and personal lives.

Professionalism Concern Process

Violation of classroom professionalism policy may simply result in providing the student with feedback on his or her behavior. However, if the breach is significant enough, or if the offense is repeated, the student will be asked to leave the classroom, which will result in an unexcused absence and a 2% reduction in the student's overall grade. The professor will also will meet individually with the student to discuss the situation and documentation of the event/meeting will be forwarded to the program director.

Cell Phone Policy

Non-instructional use of cell phones is not permitted in this class, in accordance with the DPT Program Student Manual. The use of cell phones is distracting to learning for the student and others. Therefore, no text messaging, emailing or other cell phone functions are allowed. Please turn any device off during class, unless otherwise instructed by the instructor.