PT 417: CLINICAL EXAMINATION & EVALUATION I – Spring 2020

Description: Emphasizes patient/client management elements of examination and evaluation. Emphasis is given to the musculoskeletal and neurological systems. Laboratory. Prerequisite: Registered in Professional Physical Therapy Curriculum.

Department of Physical Therapy:
Faculty: Steven Halcrow, PT, DPT; Schawnn Decker, PT, DPT; Michelle LaBrecque, PT, DPT; Mark Romanick, PT, PhD; Gary Schindler, PT, PhD; Sue Jeno, PT, PhD

Credit Hours: 4 credit hours

Clock Hours:
Lecture: M & W 1-2 pm
Lab: M & W 2-5 pm

COURSE OBJECTIVES
Lecture – traditional
Laboratory – lab consists of demonstrations and “hands on” experience in evaluation and examination techniques for a comprehensive orthopedic evaluation of the musculoskeletal and neurological systems of the body. This includes principles and concepts listed in section B1 and documentations of findings through a SOAP note format of several orthopedic conditions.

A. POSTURE
The student will:
1. Analyze posture.
2. Explain the relationship of the center of gravity of the human body to all body segments
3. Recognize the importance of the position the pelvis assumes with various activities and its effect on posture.
4. Discriminate between different posture types.
5. Identify asymmetry of body parts and determine the significance of such.
6. Be able to implement appropriate postural correction procedures.

B. EXAMINATION/EVALUATION
The student will:
1. Understand principles and concepts related to orthopedic assessment, including the detailed patient history, observation, AROM, PROM, resisted isometrics, functional assessments, peripheral joint scan, myotomes, special tests, reflexes and cutaneous distribution, joint play movement, palpation, and roentgenograms.
2. Develop basic assessment skills and perform selected assessments to the following areas:
   a. Cervical spine
   b. TMJ
   c. Shoulder
   d. Elbow, wrist and hand
   e. Thoracic spine
f. Lumbar spine
g. Pelvis and hip
h. Knee
i. Foot and ankle
j. Body mechanics

3. Upon completion of the assessment, be able to identify significant signs and symptoms, determine probable causes of the signs and symptoms, demonstrate clinical decision-making skill, and plan for appropriate physical therapy intervention or referral to other health care professionals.

4. Develop basic assessment and clinical decision-making skills.

5. Document the findings of the examination and plans for intervention in SOAP format, using evidence based articles to support findings.

6. Demonstrate professional behavior and communication skills in all aspects of PT practice including interaction and teaching with patients, family, peers and health care professionals, and understand the implications of individual and cultural differences.

7. Demonstrate proper body mechanics principles and give the theory behind the need for proper body mechanics.

In relationship to the CURRICULUM MODEL, the primary emphasis for PT 417: Clinical Examination & Evaluation I is in the area of Patient/Client Management: 31-38. Secondary emphases are in Functional and Clinical Sciences: 1 & 22.

**GRADING:**
Exam 1 = 50 pts Lab Practical 1 = 30 pts
Exam 2 = 50 pts Lab Practical 2 = 30 pts
Exam 3 = 50 pts Lab Practical 3 = 30 pts
Final = 50 pts Lab Final Practical = 50 pts
Assignments 10 points each (SOAP notes, quizzes, etc.)

**COURSE GRADE:**
92-100% = A
84-91% = B
76-83% = C
Below 76% = Unsatisfactory

Minimum passing score on practical = 80%

**WRITTEN EXAMS:**
Written examinations will require a 76% or above to avoid remediation. Remediation will include discussion with a faculty member and **MAY INCLUDE** a re-take of the examination at the discretion of faculty. The first attempt will be used for all grading purposes.
LAB PRACTICAL EXAMS:
The student must receive a passing grade (80%) on ALL laboratory practical examinations in order to successfully complete this course. A failed lab practical examination must be repeated and a passing grade received; however the grade received on the first attempt will be used for all grading purposes. If the student fails the retake lab practical examination, procedures from the Scholastics Standards document will be initiated.

ATTENDANCE:
Attendance is required for all lectures and labs. If you are aware of an upcoming absence, you must provide a written notification to Michelle or Schawnn, prior to absence. Missed material will be your responsibility to make up. Excessive absences may have a negative impact on your final grade. Follow PT guidelines for contacting department with acute illness or injury. If problems occur, students are required to work through channels of communication to resolve the problem before going to the chair or dean. The channel is student, instructor, chair, dean.

BLACKBOARD
Information in regards to PT 417 will be made available on Blackboard.

REQUIRED TEXTBOOK:
Magee D. *Orthopedic Physical Assessment* (6th Ed)

REFERENCE MATERIAL
Dutton M. – “Orthopaedic Examination, Evaluation, & Intervention”
O’Sullivan SB, Schmitz TJ. – “Rehabilitation: Assessment and Treatment”
McNerney T, McGlynn E. – “Reliable Orthopedic Outcome Measures” (ROOM)
Gulick D. – “Ortho Notes” (Clinical Examination Pocket Guide)

OTHER OPPORTUNITIES
The Department of Physical Therapy has multiple opportunities for students to participate in clinical practice activities under the supervision of UND faculty, all of whom are licensed physical therapists. During this particular course, you may be required to participate in the examination, evaluation, and physical therapy interventions of community members. You will be providing primary care to individuals with impairments and/or dysfunction during laboratory classes, community health fairs, pro bono clinics, and/or within traditional clinical practices.

Notice of Nondiscrimination
It is the policy of the University of North Dakota that no person shall be discriminated against because of race, religion, age, color, gender, disability, national origin, creed, sexual orientation, gender identity, genetic information, marital status, veteran’s status, or political belief or affiliation and the equal opportunity and access to facilities shall be available to all. Concerns regarding Title IX, Title VI, Title VII, ADA, and Section 504 may be addressed to Donna Smith, Director of Equal Employment Opportunity/Affirmative Action and Title IX Coordinator, 401 Twamley Hall, 701.777.4171, und.affirmativeactionoffice@UND.edu or the Office for Civil Rights, U.S. Dept. of Education, 500 West Madison, Suite 1475, Chicago, IL 60611 or any other federal agency.
Disability Access Statement

Contact Steven Halcrow at steven.halcrow@med.und.edu or 701-777-3857 to request disability accommodations, discuss medical information, or plan for an emergency evacuation.

To get confidential guidance and support for disability accommodation requests, students are expected to register with DSS at UND.edu/disability-services 180 McCannel Hall, or 701.777.3425.

Reporting Sexual Violence

If you or a friend has experienced sexual violence, such as sexual assault, domestic violence, dating violence or stalking, or sex-based harassment, please contact UND’s Title IX Coordinator, Donna Smith, for assistance: 701.777.4171; donna.smith@UND.edu or go to UND.edu/affirmative-action/title-ix.

Faculty Reporting Obligations Regarding Sexual Violence

It is important for students to understand that faculty are required to share with UND’s Title IX Coordinator any incidents of sexual violence they become aware of, even if those incidents occurred in the past or are disclosed as part of a class assignment. This does not mean an investigation will occur if the student does not want that, but it does allow UND to provide resources to help the student continue to be successful at UND. If you have been the victim of sexual violence, you can find information about confidential support services at UND.edu/affirmative-action/title-ix.

Ensure Accessibility

To comply with the latest accessibility guidelines, documents posted online, including, but not limited to, Adobe PDF files, Microsoft Word documents, Microsoft PowerPoint presentations, and online flipbooks, must be screen-reader friendly.

For directions on how to make your syllabus and other course materials accessible, go to Blackboard > Services > Atomic Learning > Creating an Accessible Syllabus (for technical assistance with Atomic Learning, contact UND Tech Support at UND.edu/tech-support).