Course Description
PTH 270 Special Topics in Physical Therapy
Lec. 3 Lab. 0 Cr. 3
Prerequisites: PTH 115, PTH 228, PTH 235, PTH 246, PTH 253.
Corequisites: PTH 266, PTH 275.

Course Focus
This course provides for specialized study of selected topics in Physical Therapy.

Text and References

Course Objectives

Unit 1 Reimbursement Issues
1. Explain the PTA’s role in the delivery of services to Medicare patients.*
2. Apply Medicare rounding rules and translate Tx. time into units.
3. Summarize the history, ramifications for patients and therapists, and current status of the Medicare B cap.
5. Compare prospective payment to fee for service.
6. Define terminology relevant to reimbursement.
7. Determine the number of hours of therapy necessary for each RUG level.
8. Compare reimbursement assessment tools utilized in ARU, SNF, and home health settings.
9. Relate assessment scores to physical therapy delivery requirements.

* Denotes material that will impact reimbursement.
Unit 2 Medical Spanish
1. Apply knowledge of cultural differences when addressing patients from Hispanic backgrounds.
2. Pronounce basic Spanish vocabulary correctly.
3. Demonstrate use of basic conversational Spanish.
4. Demonstrate basic interview questions in Spanish.
5. Demonstrate appropriate use of basic instructions in Spanish.
6. On a diagram, label the major body parts in Spanish.

Unit 3 McConnell Taping
1. Explain the principles of McConnell taping.
2. Recognize indications and contraindications for McConnell taping.*
3. Instruct patients in all aspects of application of McConnell taping.
4. List 3 patellar motions that can be controlled with McConnell taping.
5. Relate taping techniques to patellar motion.
6. Relate taping techniques to muscle inhibition and joint support.
7. Compare McConnell taping to kinesio taping.
8. Explain how to assess the effectiveness of McConnell taping in reducing pain.

Unit 4 Kinesio Taping
1. Explain the principles of kinesio taping.
2. Recognize indications and contraindications for kinesio taping.*
3. Instruct patients in all aspects of application of kinesio taping.
4. Relate taping techniques to muscle facilitation and relaxation.
5. Relate the indication for taping to type of strip and tension of tape.

Unit 5 TMJ Disorders
1. Describe the structure and function of the temporomandibular joint.
2. Describe the osteokinematics and arthokinematics of the TMJ.
3. Describe the location, action, and innervations of the muscles of mastication.
4. Recognize signs and symptoms of temporal mandibular dysfunction.
5. Relate TMJ dysfunction to common causes.
6. Apply knowledge of modalities to treatment of TMJ dysfunction.
7. Apply knowledge of therapeutic exercise to treatment of TMJ dysfunction.
8. Apply knowledge of manual techniques to treatment of TMJ dysfunction.
9. Recognize the role of other health professionals in the treatment of TMJ dysfunction.

Unit 6 Treatment of the SI Disorders
1. Describe the structure and function of the sacroiliac joint.
2. Describe the osteokinematics and arthokinematics of the SI joint.
3. Recognize signs and symptoms of SI joint dysfunction.
4. Relate SI joint dysfunction to common causes.
5. Describe the forces that stabilize the SI joint.
6. Describe the role of the SI joint in stability of the pelvis.
7. Apply knowledge of therapeutic exercise to treatment of SI joint dysfunction.

PTH 270 Reviewed: 12/10/14
Approved: MSapp: 12-18-14
Unit 7 Pediatrics
1. Describe the incidence, etiology and clinical manifestation of common pediatric disorders.
2. Define terms related to common pediatric disorders.
3. Identify common co-morbidities associated with cerebral palsy, Down syndrome, and autism.
4. Recognize common medical interventions used to treat cerebral palsy, Down syndrome, and autism.
5. Examine the role of physical therapy in the treatment of children diagnosed with cerebral palsy, Down syndrome, and autism.
6. Identify pediatric functional assessment tools used by physical therapy practitioners.
7. Identify common adaptive equipment used in pediatric rehabilitation.
8. Recognize and respond to cerebral shunt malfunction.*

Unit 8 Orthotics/Prosthetics
1. Describe the major components of common prostheses and orthoses.
2. Relate different types of LE orthoses to foot, ankle, knee, hip, and trunk control.
3. Explain the distinctive features of partial foot, Syme’s, and knee and hip disarticulation prostheses.
4. Summarize pre/post prosthetic and orthotic care, training, maintenance, and examination.
5. List the essential elements of an initial prosthetic/orthotic training program.

Unit 9 Alzheimer’s/Dementia
1. Describe the manifestation and typical medical management of persons with dementia and Alzheimer’s.
2. Identify specific physical therapy treatment interventions used with dementia and Alzheimer’s.
3. Relate patient’s stage in the disease progression to therapeutic interventions.
4. Determine strategies for patient and family education that address functional limitations common to dementia and Alzheimer’s.

Student Contributions
Course objectives will be met through lectures, field assignments and projects and group activities utilizing various media to maximize the clinical relevance of the material presented. Some activities will be conducted outside of the classroom setting and will include interactions with clinicians, students and the general public. Participation in these activities is required.

Course Schedule
Lecture: Tuesday and Wednesday 1:00-4:00
Course website: www.tcl.edu

PTH 270 Reviewed: 12/10/14
Approved: MSapp: 12-18-14
Course Evaluation
Review quizzes  180
Spanish dialogue  20
Midterm  100
Final  200
500

GRADING POLICY

<table>
<thead>
<tr>
<th>Grading scale</th>
<th>W</th>
<th>WP</th>
<th>WF</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>90% - 100%</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>82% - 89%</td>
<td>B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75% - 81%</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70% - 74%</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Below 70%</td>
<td>F</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grading Methodology. The final grade must be 75.00% or more in order to pass the course and progress in the program. No rounding will be used to assess grades. In addition, each student must pass the final exam with a grade of 75.00% or above. If a student fails the final exam a second attempt will be given. The highest score a student can achieve on the second attempt is 75% and the final grade for the exam will be a C. Students absent from an examination or presentation will receive a “0” grade for the examination unless other arrangements are made with the individual instructor prior to the examination or presentation day. It is the responsibility of the student to contact the appropriate instructor to arrange to make up the examination. Arrangements may be completed by telephone. If the instructor is not available, a message should be left on the instructor’s voice mail AND with another member of the faculty or administrative assistant. The instructor will decide the time and method of make-up examinations on an individual basis. Messages sent by other students are unacceptable. The student is responsible for notifying the instructor of the reason for the absence. Grades are posted on Blackboard within one week of administration of tests and examinations.

Test Review
Tests will be reviewed in class and discussion will be limited to the right answer. Students will not be allowed to take any written notes, use electronic devices to take notes or make an image of the tests. All items have to be removed from the desk/table top during the test review. For any discussion beyond the right answer, set up an appointment with the instructor to further discuss.

Prior to the final exam, test review will be done during the last class of the semester. All items have to be removed from desk/table top during the test review. No notes can be taken and no electronic devices can be used to take notes or make images of the tests. This is an opportunity to ask questions about concepts that you do not understand. If individualized time is needed for test review, an appointment can be made with the instructor, but not during exam week and the time limit will be 10
minutes. All tests will be reviewed under the supervision of an instructor. Students cannot bring any class notes with them.

ADA STATEMENT
The Technical College of the Lowcountry provides access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation, contact the counselor for students with disabilities at (843) 525-8219 or (843) 525-8242 during the first ten business days of the academic term.

ATTENDANCE
1. The College’s statement of policy indicates that students must attend ninety percent of total class hours or they will be in violation of the attendance policy.
2. Students not physically attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.
3. Students taking an online/internet class must sign in and communicate with the instructor within the first ten calendar days from the start of the semester to indicate attendance in the class. Students not attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.
4. Reinstatement requires the signature of the division dean.
   a. In the event it becomes necessary for a student to withdraw from the course OR if a student stops attending class, it is the student’s responsibility to initiate and complete the necessary paperwork. Withdrawing from class may have consequences associated with financial aid and time to completion.
   b. When a student exceeds the allowed absences, the student is in violation of the attendance policy. The instructor MUST withdrawal the student with a grade of “W”, “WP”, or “WF” depending on the date the student exceeded the allowed absences and the student’s progress up to the last date of attendance or
   c. under extenuating circumstances and at the discretion of the faculty member teaching the class, allow the student to continue in the class and make-up the work. This exception must be documented at the time the allowed absences are exceeded.
   d. Absences are counted from the first day of class. There are no "excused" absences. All absences are counted, regardless of the reason for the absence.
5. A student must take the final exam or be excused from the final exam in order to earn a non-withdrawal grade.
6. Students are expected to be in class on time. Arrival to class after the scheduled start time or leaving class prior to dismissal counts as a tardy. Three tardies and/or early departures are considered as one absence unless stated otherwise. Instructor must be notified prior to start of class by call, text or email if the student is going to be late. Failure to do so will result in a learning contract.
7. It is the student’s responsibility to sign the roll/verify attendance with instructor upon entering the classroom. Failure to sign the roll/verify attendance results in a recorded absence. In the event of tardiness, it is the student’s responsibility to insure that attendance is marked. The student is responsible for all material/announcements presented, whether present or absent.
8. Continuity of classroom and laboratory is essential to the student’s progress in providing safe and competent patient care. Students are expected to use appropriate judgment for participating in clinical activities. If absence does the instructor must be notified by telephone, email or text no later than 30 minutes prior to the start of the class or lab. Failure to do so will result in a learning contract.

A copy of TCL’s STATEMENT OF POLICY NUMBER: 3-1-307 CLASS ATTENDANCE (WITHDRAWAL) is on file in the Division Office and in the Learning Resources Center.

HAZARDOUS WEATHER
In case weather conditions are so severe that operation of the College may clearly pose a hardship on students and staff traveling to the College, notification of closing will be made through the following radio and television stations: WYKZ 98.7, WGCO 98.3, WGZO 103.1, WFXH 106.1, WWVV 106.9, WLOW 107.9, WGZR 104.9, WFXH 1130 AM, WLWH 101.1, WSOK 1230 AM, WAEVV 97.3, WTOC TV, WTGS TV, WJWJ TV, and WSAV TV. Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. www.tcl.edu/textalert.asp

ACADEMIC MISCONDUCT
There is no tolerance at TCL for academic dishonesty and misconduct. The College expects all students to conduct themselves with dignity and to maintain high standards of responsible citizenship.

It is the student’s responsibility to address any questions regarding what might constitute academic misconduct to the course instructor for further clarification.

The College adheres to the Student Code for the South Carolina Technical College System. Copies of the Student Code and Grievance Procedure are provided in the TCL Student Handbook, the Division Office, and the Learning Resources Center.

Health care professionals hold the public trust. Academic misconduct by health science students calls that trust into question and academic integrity is expected.

It is a fundamental requirement that any work presented by students will be their own. Examples of academic misconduct include (but are not limited to):

1. copying the work of another student or allowing another student to copy working papers, printed output, electronic files, quizzes, tests, or assignments.
2. completing the work of another student or allowing another student to complete or contribute to working papers, printed output, electronic files, quizzes, tests, or assignments.
3. viewing another student's computer screen during a quiz or examination.
4. talking or communicating with another student during a test.
5. violating procedures prescribed by the instructor to protect the integrity of a quiz, test, or assignment.
6. plagiarism in any form, including, but not limited to: copying/pasting from a website, textbook, previously submitted student work, or any instructor-prepared class material; obvious violation of any copyright-protected materials.
7. knowingly aiding a person involved in academic misconduct.
8. providing false information to staff and/or faculty.
9. entering an office unaccompanied by faculty or staff.

PTH 270 Reviewed: 12/10/14
Approved: MSapp: 12-18-14
10. misuse of electronic devices.

COURSE COORDINATOR: Jennifer Culbreth
OFFICE LOCATION: Room 125, Building 4
TELEPHONE NUMBER: 843-470-5956
E-MAIL: jculbreth@tcl.edu
Office hours by appointment