

(revised 10-7-10)

CHATTANOOGA STATE COMMUNITY COLLEGE
NURSING & ALLIED HEALTH DIVISION**PHYSICAL THERAPIST ASSISTANT COURSE SYLLABUS****PT 201 – PHYSICAL THERAPY SEMINAR****CLASS HOURS: 2****SEMESTER CREDIT HOURS: 2****LABORATORY HOURS: 0**

CATALOG COURSE DESCRIPTION: Critique sessions concerning physical therapy procedures and techniques and clinic participation. The students prepare presentations on physical therapy procedures and techniques, pathology, anatomy and physiology.

ENTRY LEVEL STANDARDS: The student must have successfully completed the prerequisite courses in the curriculum with a minimum of a “C” grade in each PT, BIOL or PHYS course while maintaining a 2.0 GPA on a semester-by-semester basis. The student must also exhibit the attitudinal characteristics necessary for this profession.

PREREQUISITES: PT 205**COREQUISITES:** PT 221**TEXTBOOK(S) AND OTHER REFERENCE MATERIAL BASIC TO THE COURSE:**

1. Rehabilitation Specialist’s Handbook; Rothstein, Roy, Wolf, F.A. Davis, 2005. (Required)
2. PTA EXAM: The Complete Study Guide, Giles, Scott M., Scorebuilders 2007. (Required).
3. All previous PTA Program text books used for reference texts.
4. Student Syllabus/handout packet. (Required)

CHATTANOOGA STATE INSTITUTION STUDENT LEARNING OUTCOMES (ISLOs):

Chattanooga state has identified its college-level competencies and the student learning outcomes that it expects the graduates of its educational programs to have attained at appropriate levels for each program. These outcomes reflect the knowledge, skills and attitudes that a community college graduate is expected to have developed, including:

- **Effective Communication (COM):** includes speaking, writing and graphic presentation skills
- **Analytical and Critical Thinking Skills (CT):** includes skills of categorization, decoding significance, clarifying meaning, examining ideas, detecting arguments, and analyzing arguments into their component elements. Purposeful, self-

regulatory judgment which results in interpretation, analysis, evaluation, and inference, as well as explanation of the evidential, conceptual, methodological, criteriological, or contextual considerations upon which that judgment is based.

- **Information Technology Skills (TEC):** includes use of computers, online learning, information seeking, and use of new technologies.
- **Societal & Cultural Awareness (CUL):** includes awareness of how societal and cultural differences affect an individual's life, focusing on diversity and collaboration.
- **Foundational Knowledge in a Specialty (KNO):** the specialty-specific competencies that each graduate of the program is expected to achieve.
- **Work Ethic (WE):**

PTA PROGRAM STUDENT LEARNING OUTCOMES (PSLOs):

By the completion of the program, in addition to the college ISLO, Chattanooga State PTA Program Graduates will display the following physical therapy competencies/outcomes which link to Chattanooga State's ISLOs:

A. Decision Making: (College ISLO: ANA, KNO, CT, TEC, CUL, COM)

- A.1 When necessary, modify intervention or data collection appropriate to changes in patient/client condition to achieve goals established by the PT and within the scope of practice of a PTA.
- A.2. Use knowledge and information available to make reasonable and appropriate decisions regarding patient care.

B. Communication/Teaching: (College ISLO: COM, TEC, KNO)

- B.1 Appropriately use medical language and physical therapy language in verbal and written or electronic communication
- B.2. Communicate with the patient/client to relay relevant instructions regarding the physical therapy interventions.
- B.3 Communicate with the physical therapist and/or other members of the health care team regarding patient/client status, progress, or need for re-evaluation by the PT.
- B.4. Educate others about physical therapy and the role of the PTA.
- B.5. Provide patient/client education about their physical therapy intervention and any additional instructions.

C. Providing Physical Therapy Interventions: (College ISLO: KNO, COM, TEC)

- C.1. Provide physical therapy interventions and data collection in a time efficient manner with all necessary documentations.
- C.2. Identify and describe background theory, pathological conditions, surgical conditions, and other issues that may influence the patient/client's physical therapy.

C.3 Effectively and safely provide physical therapy interventions under the supervision of a physical therapist and as outlined by the physical therapist in the plan of care established for the patient/client.

D. Displaying Professional Behavior: (College ISLO: COM, CUL, CT, ANA, KNO)

- D.1 Recognize importance of lifelong learning and resources available for development opportunities
- D.2 Comply with APTA's core values of accountability, altruism, compassion/caring, cultural competence, duty, integrity, and social responsibility.
- D.3 Display behavior consistent with APTA's Standards of Ethical Conduct for the Physical Therapist Assistant.
- D.4 Abide by state practice act in the provision of physical therapy.
- D.5 Display a work ethic that aligns with Chattanooga State's college expectations as well as those of the Division of Allied Health and Nursing and the PTA Program.

Required Student Learning Outcomes: Program Student Learning Outcomes(PSLOs) and Course Student Learning Outcomes (CSLOs) with specific indicators or instructional objectives.

PTA program student learning outcomes (PSLOs) consist of four broad outcome statements (with additional descriptors for each) that describe the abilities of the graduates of the Chattanooga State PTA Program.

The following list of Course Student Learning Outcomes (CSLOs) represents specific objectives and includes skills, knowledge and attitudes that the student will obtain or be able to perform upon completion of the course. These CSLOs and instructional objectives (IOs) or indicators are linked to the overall PTA Program Student Learning Outcomes (PSLOs). Collectively, the CSLOs from all program courses enable students to achieve the program student learning outcomes. The student is required to perform at a minimal competency of 70% on the specific CSLO.

PSLO # 1: Decision Making:

CSLO # 1: When necessary, modify intervention or data collection appropriate to changes in patient/client condition to achieve goals established by the PT and within the scope of practice of a PTA.

1. Determine when to terminate exercise based on patient's heart rate, blood pressure, or symptom changes. (PGO: A.2, C.2)
2. Recognize changes in vital signs based on changes of position or activity that necessitate termination or suspension of treatment session and notification of the PT, nurse, and/or physician. (PGO: A.2, B.3, C.2)
3. Recognize if an intervention is contraindicated for a given patient/client diagnosis and make appropriate decisions for when to consult physical therapist

4. Identify adverse reactions to treatment procedures and make decisions on appropriate course of action for the PTA to follow in response to the adverse reaction.
5. Determine modifications to patient treatment when given case scenarios which require modification—especially in patients with multiple problems.

CSLO # 2: Use knowledge and information available to make reasonable and appropriate decisions regarding patient care. This CSLO is additionally defined via the following **indicators or instructional objectives** :

1. Make appropriate decisions and recommendations regarding discharge planning and/or referral of patients when provided with a case scenario.
2. Apply knowledge of procedures in emergency situations including evacuation of class and or clinic and role in assisting with emergency services including CPR when required.
3. Relate business decisions in physical therapy to market demands.

PSLO #2: **Communication/Teaching:**

CSLO # 3: Appropriately use medical language and physical therapy language in verbal and written or electronic communication. This CSLO is additionally defined via the following **indicators or instructional objectives** :

1. Communicate by appropriately using or documenting medical and physical therapy terms.
2. Discuss benefits of different mechanisms for documentation of patient/client interventions including SOAP notes, flow sheets, computer documentation, or dictation.

CSLO #4: Describe ways to communicate with the patient/client to relay relevant instructions regarding the physical therapy interventions or seek information from the patient to clarify their current condition—such as in administering standardized questionnaires or surveys to patients and others.

CSLO #5: Educate others about physical therapy and the role of the PTA. This CSLO is additionally defined via the following **indicators or instructional objectives** :

1. Review and present to the class (using powerpoint presentation) the neuromuscular, vascular, and skeletal anatomy of given peripheral joint or spinal segments.
2. Describe ways to instruct others about physical therapy and the role of PTAs.

3. Provide a class presentation on selected topics using program, library and community resources.

PSLO #3: Providing Physical Therapy Interventions

CSLO # 6: Identify and describe background theory, pathological conditions, surgical conditions, and other issues that may influence the patient/client's physical therapy. This CSLO is additionally defined via the following **indicators or instructional objectives** :

1. Recognize indications/contraindications for all physical therapy interventions and be able to discuss the importance of each in certain pathologies.
2. Discuss methods for transferring patients and when a transfer method is indicated for patient progression and patient/caregiver safety.
3. Describe normal and pathological gaits and compare and document
4. Construct appropriate therapeutic exercise program based on Plan of Care developed by the Physical Therapist.
5. Describe set up for cervical or lumbar traction with limits of traction pull and direction of pull for a given condition. Discuss options for home traction for lumbar or cervical if included in the plan of care.
6. Discuss treatment with intermittent venous compression and rationale for using pressure intensity.
7. Calculate age predicted maximal heart rate when provided with the patient's age and use as basis for aerobic or cardiac conditioning.
8. Calculate target heart rate using Karvonen formula when provided with parameters for aerobic or cardiac conditioning activities.
9. List common medications used for cardio pulmonary conditions.
10. Describe the patient position necessary for pulmonary hygiene techniques when given the involved lung segment, the steps in procedure for pulmonary hygiene (CPT), and expected results of treatment including cough and sputum characteristics.
11. Discuss the procedures, contraindications, indications, and typical medical and/or physical therapy diagnosis involved in the following: tilt table, moist hot packs, hydrotherapy, cold packs, ice massage, infrared, ultraviolet, ultrasound, short wave diathermy, microwave diathermy, phonophoresis, (superficial versus deep heat modalities), and biofeedback.
12. Describe measurement techniques and application for support garments/ stockings.
13. Describe, define, and recognize stages of open wounds to include viable versus nonviable tissue.
14. Identify procedure for application and removal of wound dressings, indications and precautions, and sterile versus clean technique.

15. Compare and contrast the waveform characteristics, indications, and precautions of the following electrical procedures: high voltage galvanic, TENS, biofeedback, AC vs DC, electrical testing, iontophoresis, IFES, NMED
16. Identify normal joint ROM for a given joint and describe procedure for measuring joint ROM with a goniometer or for determining functional ROM.
17. Determine MMT grade for a given muscle when provided with the description of the muscle functional abilities.
18. Label dermatome chart and predict dermatome sensation based on neurological level of involvement.
19. Describe the order of progression of massage techniques (pétrissage, effleurage friction, and tapotement) when performing a relaxing massage.
20. Identify normal vital sign measurements for blood pressure, heart rate, temperature, respiratory rate, oxygen saturation levels, and pain levels.
21. Identify common pathological conditions associated with given peripheral joints or spine and the associated typical physical therapy interventions.
22. Utilize computerized home exercise program to construct a protocol exercise program for a given pathological condition.
23. Recognize the relationship of anatomical structures in normal and abnormal movement to include normal and abnormal joint ROM.
24. Discuss neuromuscular conditions that benefit from physical therapy and interventions utilized to improve or manage those conditions and associated abnormal increases or decreases in muscle tone.
25. Review and identify normal and abnormal neurological reflexes/reactions and their definitions.
26. Discuss normal infant motor development and the implications of the associated developmental reflexes in contributing to promoting and or hindering normal gross motor and fine motor development.
27. Relate physical therapy precautions associated with specific medical, orthopedic, and or surgical procedures, such as total hip athroplasty, diabetes, total knee, skin grafts, stroke shoulder, pulmonary dysfunction, post op cardiac bypass, etc.
28. Recognize and discuss effects, indications, contraindications, purpose, and performance sequence for physical therapy interventions.
29. Describes how the PTA provides care within the plan established by the PT to meet short and long term goals.
30. Focuses on the PT's plan of care to provide activities to meet the patient's need for being able to complete ADLs.
31. Identify body mechanics and advantages to correct body alignment when utilizing specified lifting techniques in patient care and for instruction in patient ADLs.
32. Choose exercises and activities appropriate for a transfemoral (above knee) or transtibial (below knee) amputee to include exercise protocols and donning

and doffing of prosthetic as required in the PTs plan of care to meet short and long term goals.

33. Recognize purpose and type of isolation protection for given situation such as contact precautions, respiratory isolation, reverse isolation, etc.
34. Review compression therapies and determine parameters for compression pump for UE or LE intervention using the patient's blood pressure in deciding parameters. Discuss advantages and disadvantages of compression therapy and newer interventions of manual lymph drainage (MLD) that are being used more in this clinical community.
35. Determine appropriate coordination or dynamic and static balance activities when included in the plan of care for a given condition to meet goals established by the PT.
36. Compare different forms of therapeutic exercise to include strengthening, stretching, conditioning, and passive exercises.
37. Describe procedure for measurement of data gathering techniques for anthropometrical characteristics including height, weight, and limb or joint girth.
38. When using adaptive or assistive devices, describe procedures for assuring safe guarding by the PTA and safety suggestions for the patient as they become independent.
39. Recognizes changes in skin associated with pathology, static or dynamic positioning or excessive pressure caused from assistive devices, orthotics, or prosthetics.
40. Discuss health care reform and potential impact in physical therapy.
41. Review business concepts of direct and indirect expenses, marketing, techniques and outcomes evaluation given a diversity of practice settings.
42. Develop recommendations for quality improvement in a given type of facility and assist with implementation as appropriate.

PSLO #4: Professional Behavior

CSLO # 7 : Recognize importance of lifelong learning and resources available for development opportunities. This CSLO is additionally defined via the following **indicators or instructional objectives :**

1. Review current professional literature in selecting sources for an independent study project.
2. Utilize resources of the American Physical Therapy Association and discuss advantages of APTA membership.
3. Recognize importance of professional growth and identify ways to accomplish growth.

CSLO #8: Comply with APTA's core values (accountability, altruism, compassion/caring, cultural competence, duty, integrity, and social

responsibility) and Standards of Ethical Conduct for the PTA. This CSLO is additionally defined via the following **indicators or instructional objectives** :

1. Display a work ethic that aligns with Chattanooga State's college expectations as well as those of the Division of Allied Health and Nursing and the PTA Program.
2. Collaboratively work in groups to prepare class presentations on assigned topics.

CSLO #9: Abide by state practice act in the provision of physical therapy.

This CSLO is additionally defined via the following **indicators or instructional objectives** :

1. Identify the legal and ethical Role of PTA's in supervisory situations with support personnel and students.
2. Prepare and mail application to State Depart of Health Care Providers/Physical Therapy and to FSBPT examination and state licensure.
3. Review the legal impact of Medicare requirements/guidelines in different types of health care facilities on supervision and reimbursement.
4. Participate in community and service organization activities and is aware of social responsibility, citizenship and advocacy.
5. Discuss how to document interventions and data collection in compliance with facility standards and legal requirements in state.

WEEK/UNIT/TOPIC BASIS: A systematic and orderly list of activities and/or events that will comprise the total allotted time for the course.

WEEK	UNIT	TOPIC BASIS
1	Part I	<u>Review of Interventions/Data Gathering Skills:</u> Transfers, positioning, body mechanics, vital signs, ambulation, tilt table and paraffin
2	Part II	Review of Ethics, Legislation, SOAP Notes, and Standards of Practice
3	Part III	Health Care Reform/The "Business" of PT/Marketing Services
4	Part IV	<u>Review of Interventions:</u> Massage, anatomy of skin, burns, heat, whirlpool, cold packs, Fluori-Methane, spray and stretch, Jobst
5	Part IV	<u>Review of Interventions:</u> Ultraviolet, infrared, ultrasound, microwave diathermy, and short wave diathermy
	Part V	Review of Functional Anatomy
6	Part VI	<u>Review of Interventions/Data Gathering Skills:</u> Goniometry, traction,

- contrast bath and continuous passive motion
- 7 Part VI Review of Electrical Interventions: Electrical stimulation, ultrasound with electric stim, phonophoresis, iontophoresis, TENS, and biofeedback
- 8 Part VII Review of Muscle Physiology Properties
Part VIII Review of Neurodevelopment Techniques and Developmental Reflexes and reactions.
- 9 Part IX Review of Muscle Physiology: Eccentric, concentric, spasticity
Part X Review of neurotechniques; PNF, Bobath/NDT, Brunstrum
Part XI Review of Exercise Programs; Home Exercise Programs; PRE; Coordination, strengthening, stretching
- 10 Part XII Review of Specific Patient Conditions: Functional assessment; CVA's, SCI, Brain Injured, Brain functions, Amputees, CPT, Prosthetics, Cardiopulmonary
- 11 Part XIII The Licensing Process
- 12 Part IX Review of Pathological Conditions and Related Physical Therapy Treatments
- 13 Part IX Review of Pathological Conditions and Related Physical Therapy Treatments
- 14 Part IX Review of Pathological Conditions and Related Physical Therapy Treatments
- 15 EXIT EXAM for PTA Program

EVALUATION/ASSESSMENT

A. TESTING PROCEDURES:

- Objective typewritten **tests** will be given following Parts V, XII, and XVI (all determine 65% of grade). The student is required to complete the course with a minimal competency of 70% and each Exam is required to be passed with an 80% grade. Should you not make an 80% on the first attempt, you will have two additional opportunities to make an 80% on a similar exam. Your recorded grade for the exam will be the % score on the first exam. If

you have to re-take it, the recorded grade will be an average of the re-take and the initial grade, but no greater than 80.

- a. EXAM 1 (PSLO 3, CSLO 6)
- b. EXAM 2 (PSLO 3, CSLO 6)
- c. EXAM 3 (PSLO 3, CSLO 6)

2. **Quizzes and homework** will be given periodically over the topics to be reviewed for the day's lecture or on the previous week's topics. Homework/quizzes may be given in which you must answer the question and provide a reference for your answer. One of the homework projects will involve being given topic to prepare a procedure on some aspect of physical therapy treatment. More information will be given in class. Quizzes and homework will be averaged to determine 10% of grade. (PSLO 3, CSLO 6)
3. A **Physical Therapy Exit Exam** will be given as a Final exam. The exit exam grade will NOT be computed in the Final average, but the student must pass the exit exam with at least a 70% to pass the course. If the student does not pass on the first attempt, the student will have 2 additional attempts. **If the student still does not pass after 2 additional attempts, they will not pass the course and therefore, be restricted from graduation and a remediation plan will be developed for the student.** (PSLO 1, CSLO 1,2) (PSLO 2, CSLO 3,4,5) (PSLO 3, CSLO 6)
4. As a graduation requirement, you will be required to take a **College Exit Exam**. This test is a college requirement for graduation, but there is no required passing score and it is administered by the College and not the PTA program. You will be notified of dates/times available to take this exam. (PSLO 4, CSLO 8)

B. LABORATORY EXPECTATIONS:

Periodic procedures may be demonstrated in the classroom or lab, but no lab practical will be given.

C. FIELD WORK:

1. **PROJECTS:** All projects will be averaged to count for 20% of final grade.
 - a. **Group Projects**—students will be assigned a major joint, i.e. hip, knee, shoulder. You will work in groups of three to cover the topics of anatomy, pathology, and physical therapy treatments for the specific joint. Using library and/or community resources, present the information to the class. (PSLO 4, CSLO 8) (PSLO 2, CSLO 5)(PSLO 3, CSLO 6)

- b. **Individual Independent Study**—This will be your first project. You should pick one of the topics below. The class will be divided by the course topics. You will be required to submit a written report to describe/discuss the aspects of each topic enumerated below: (IO: 29,39,44,50,62)
- i. Prosthetics & Orthotics
 - a. Contact Fillauer, O&P , or Stubbs Limb and Brace and schedule facility tour.
 - b. Mike Dean (husband of Amy Dean at PACE) is contact person at Fillauer
 - c. Attend amputee clinic. Determine cost of BK vs AK prosthesis.
 - d. Read and provide two textbook resources regarding Amputee rehab.
 - ii. Stroke rehab
 - a. Read and Provide two textbook resources regarding Stroke Rehab
 - b. Interview OT or SLP and identify major aspects of SLP or OT for CVA patient at different levels of care.
 - c. Compile list of local SNF and HHC agencies with contact information.
 - iii. Manual Lymph Drainage
 - a. Doug Lee, PTA, at Avalon Therapy
 - b. Provide discussion as to differences in “traditional” lymphadema treatment and the concept of MLD.
 - c. Develop HEP for person with UE edema and LE edema. Include home wrapping techniques/schedule.
 - d. Provide process with cost and contact information on how to become MLD certified.
 - e. Identify at least 4 local facilities that provide MLD therapy by a certified therapist.
 - iv. SCI rehab
 - a. Contact Shepard Rehab and schedule a facility tour.
 - b. Read and provide textbook resources regarding SCI rehab
 - c. Locate and provide contact information on local van “renovations” to provide lift package. Include time, cost, type of vehicle needed, options.
 - d. Develop HEP for different stages of SCI for quad and Para.

- v. Insurance Reimbursement
 - a. Identify PT reimbursement issues at SNF, OP PT clinics, Acute care hospitals.
 - b. Interview office manager at two different PT clinics regarding reimbursement CAPs and exceptions to CAP

 - vi. HEP
 - a. Compile HEPs and exercise protocols for the following orthopedic conditions:
 - i. TKA
 - ii. THA
 - iii. Rotator cuff repair
 - iv. ACL reconstruction
 - b. Provide brief description of surgical procedures for the above conditions.
 - c. Compile list of local orthopedists with their “specialty” listed. Provide at least 3 physicians for each condition listed above with their contact information.
 - d. Describe reasons for differences in protocols.

 - vii. Aquatic therapy:
 - a. Read and Provide two textbook resources regarding aquatic Rehab
 - b. Identify 6 local clinical facilities where aquatic rehab is available.
 - c. Discuss benefits of aquatic therapy as well as alternative therapies that are land based.
 - d. Discuss reimbursement issues associated with aquatic therapy.
 - e. Describe maintenance issues associated with aquatic programs.
- 2. PROFESSIONAL MEETINGS:** The student is encouraged to attend all professional meetings at the state and local level. The Tennessee Physical Therapy Association Spring Meeting will be in April in Nashville and hopefully you can attend. There is a “current issues” seminar scheduled for Thursday, January 21th at UTC regarding “Spirituality and Health Care” and you will be expected to attend. (PSLO 4, CSLO 7)
- 3. AFTER CLASS ACTIVITIES:** there are several supplemental activities that would be of value to you. These may be presented immediately following class time. I hope you will be able to schedule these activities with your

work. They would not usually take more than 1-2 hours. A separate work time on resumes will be offered for refining your resume. These special times may be on your daily schedule or will be announced 1-2 weeks ahead of time. (PSLO 4, CSLO 7)

D. OTHER EVALUATION METHODS:

Class participation:

Course content is most effectively reviewed when students are comfortable and confident discussing the topics. Students are expected and encouraged to participate in class discussions while respecting classmates/instructor and complying with APTA core values and standards of ethical conduct. Students who do not volunteer for discussions will be called on in class and expected to contribute to class discussions. Five percent (5%) of the course grade will be derived from class participation points. (PSLO 4, CSLO 8)

Attendance:

Students who miss 3 lectures in one class as a result of an unexcused absence (as defined in the PTA Program Student Handbook) will have their final grade lowered a full letter grade for each group of 3 lectures and/or labs missed. Tests or quizzes given during an unexcused absence are not repeatable, and the student would receive a zero for each quiz and/or test missed. Tardiness is considered a form of absence. Three tardies equals one absence. Students will not be allowed to make up quizzes given at the beginning of the class when they are tardy and will receive a zero grade for the quiz. (PSLO 4, CSLO 8)

CSLO/Assessment Alignment:

CSLO:	CSLO #1	CSLO #2	CSLO #3	CSLO #4	CSLO #5	CSLO #6	CSLO #7	CSLO #8	CSLO #9
PT 201 Assessment	Test 1, 2 Exit Exam	Test 1,2, 3 Exit Exam	Case study, Presentations, HEP project,	Test 2	Presenta tion	Test 1,2,3, Exit Exam, presenta tions ,	Independ ent study project;	Class participa tion, presenta tions	Test 1, exit exam

E. GRADES:

3 Tests = 65% (see description of testing requirements in section A.)
 Projects = 20%
 Quizzes = 10%
 Class Participation = 5%

100%

Physical Therapy EXIT EXAM:

Students must pass the PTA EXIT EXAM to receive course credit, but this grade is not calculated in course grade average.

METHODOLOGY/INSTRUCTIONAL ACTIVITIES: The strategies, methods, and processes that will occur within the course to provide students with an opportunity to achieve the stated course competencies are identified in the course schedule and include these activities:

- IA1. Lecture/discussion
- IA2. Power point for topic outline. (available on E-learn)
- IA3. Comparison and discussion
- IA4. Student presentations with small group projects,
- IA5. Student research and investigation for independent study written projects,
- IA6. Student self instruction/review with faculty guidance. and
- IA7. Homework

COURSE DELIVERY FORMAT:

This course is most closely aligned with the college **Standard Format**—This format is the traditional format and may use an online format to provide access to “static” materials which include the syllabus, course material, contact information, and presentations. Faculty must make available when requested a copy of syllabus and any other instructor provided course materials, including their contact information. Faculty may require on-line activities and assignments to include online testes and submission of all written and on-line communications. The extent of on-line activities/assignments may vary by course but will be specified on the syllabus.

COLLEGE POLICIES

This class is governed by the policies and procedures stated in the current Chattanooga State Student handbook. Additional or more specific guidelines may apply such as those located in the Allied Health Division Handbook and in the Physical Therapist Assistant Program Handbook.

ADA statement

Students who have educational, psychological, and/or physical disabilities may be eligible for accommodations that provide equal access to educational programs and activities of Chattanooga State. These students should notify the instructor immediately, and should contact Disabilities Support Services within the first two weeks of the semester in order to discuss individual needs. The student must provide documentation of the disability so that reasonable accommodations can be requested in a timely manner. All students are expected to

fulfill essential course requirements in order to receive a passing grade in a class, with or without reasonable accommodations.

Disruption Statement

The term “classroom disruption” means--student behavior that a reasonable person would view as substantially or repeatedly interfering with the activities of a class. A student who persists in disrupting a class will be directed by the faculty member to leave the classroom for the remainder of the class period. The student will be told the reason (s) for such action and given an opportunity to discuss the matter with the faculty member as soon as practical. The faculty member will promptly consult with the division dean and the college judicial officer. If a disruption is serious, and other reasonable measures have failed, the class may be adjourned, and the campus police summoned. Unauthorized use of any electronic device constitutes a disturbance. Also, if a student is concerned about the conduct of another student, he or she should please see the teacher, department head, or division dean.

Affirmative Action

Students who feel that he or she has not received equal access to educational programming should contact the college affirmative action officer.

Academic Integrity/Academic Honesty

In their academic activities, students are expected to maintain high standards of honesty and integrity. Academic dishonesty is prohibited. Such conduct includes, but is not limited to, an attempt by one or more students to use unauthorized information in the taking of an exam, to submit as one’s own work, themes, reports, drawings, laboratory notes, computer programs, or other products prepared by another person, or to knowingly assist another student in obtaining or using unauthorized materials. Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly through participation or assistance, are immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions, which may be imposed through the regular institutional procedures as a result of academic misconduct, the instructor has the authority to assign an “F” or zero for an activity or to assign an “F” for the course.

VIII. PROGRAM POLICIES:

Refer to the PTA Program Handbook for additional program policies that may apply to this and other PTA courses. --Such as attendance, lab expectations, etc. **The instructor reserves the right to modify this syllabus in writing during the course of the semester.**

Projects:

- B. Individual Independent Study** -- This will be your first project. You should pick any topic on which you wish to gain additional knowledge/experience. Submit your topic in

writing to your instructor. Along with the topic, you should submit how you expect to accomplish your goal of increasing knowledge/experience on your topic. It should include such things as: patient interviews, library research, visits to outside agencies, orthotic agencies, w/c companies, specialty clinics, etc.

The outline of the project proposal should be:

- I. Purpose of project:
- II. Specific procedures in project:
 - A. Library research--use at least 3 references
(required) Use the reference format used in Physical Therapy Journal.

- suggestions
- B. Meeting with outside individual/agency
 - C. Case Study
 - D. Observe surgery
 - E. Visit Owner of Home Health Agency
 - F. Interview President of Tennessee PT Association
 - G. Talk with Students from other PTA Programs or Student Special Interest Group
 - H. Be on planning committee for Fall TPTA Conference.

- III. Findings: What you hope to learn by doing this project.

Once your topic and methods to increase awareness are approved, you may proceed with your project. Comments/approval will be returned to you. Final typed reports should be 5-7 pages, double spaced, with one additional page with references listed. You should use at least three references **not from your text books**. You should have the page number typed on the top right corner. Keep a copy of your submitted report.

C. Policy and Procedure Project:

You are to review the P&P manual at the facility where you are in clinic. You should answer the following questions from one of the policies or procedures which is read. These questions are listed on a separate page at the end of this schedule.

D. Computer program: There is a computer program located in the PTA lab which you are required to view and be responsible for information presented. It is:

1. **Home Exercise program:** There is a HEP computer program available in the PTA. You are to describe a patient pathology and develop a HEP from the computer software. The due date will be announced later. You should describe the patient dx and then attach their HEP Home exercise program for physical therapy.

E. **Portfolio:** you will be working on a portfolio to be used for interview/employment purposes. You should take care to keep a record of any and all special projects and activities in which you participate. **This will not be a graded activity, and it is not a course requirement. However, if you wish to do one, I will work with you on some guidelines.** The portfolio should be a small three ring binder with a cover and indexed sections. The sections should be something like: cover letter, resume, clinical facilities, example of soap notes (with no names or identifying features) , example of HEP, independent study, associated activities, transcript, licensure, volunteer activities, accomplishments—i.e. officer in club, or participant in club activities, special topics of interest.....???? I will work with you as much as possible to help you to develop this.

F. **Exam review books:** You are required to get the PTA exam review books in the bookstore. It is your responsibility to review these on a weekly schedule and come to class with questions. We will spend the first 10 minutes of each class going over questions you have from the chapters. The chapters will be divided equally to allow for completion of both volumes by the end of the semester. This will not be a part of your grade determination for the course.

ATTENDANCE: As always, attendance is mandatory. Students who miss 3 lectures will have their final grade lowered a full letter grade for each group of 3 lectures missed. Tests or quizzes given during an unexcused absence are not repeatable, and the student would receive a zero for each quiz and/or test missed. Tardiness is a form of absence. Three tardies equals one absence. Refer to the PTA Program handbook for specific definitions regarding absences. Students tend to have a problem with being on time this semester. Please don't let that happen since it will impact your grade.

COMPOSITE PICTURES FOR GRADUATION:

During the semester, I will schedule to have a professional photographer take your class picture. The class will need to decide how/what they want. ALREADY DONE.

GENERAL PURPOSE FOR PT 201 SEMINAR

1. Prepare the student to interface multiple treatments and medical conditions.
2. Provide the students with a forum to clear misunderstandings regarding Physical Therapy care, clinic, patient treatments, student vs PTA role, etc.
3. Provide the student with a systematic review of all previous Physical Therapy courses which have been studied.
4. Provide a guided review and preparation for taking the FSBPT board exam.
5. Allow students to work as teams in preparing and presenting projects on joints/pathology/anatomy/ and physical therapy treatment.
6. Provide the student guidance in preparing special independent study projects.
7. Provide the student with guidance in applying for licensure, resumes, interviews, and Job seeking.
8. Provide the student with the guidance in how to write policy and procedures and their purpose.

In the PTA Program, a student who is dismissed from class as a result of a class disruption, will receive a zero quiz grade and an unexcused absence for each occurrence.

PHYSICAL THERAPIST ASSISTANT PROGRAM

Spring 2010, PT 201-Seminar

Tues: 8:00 - 10:00am.

Room: 2029 HSC

Instructor: Laura Warren, MS, PT, Associate Professor

Office: 2037 HSC

I hereby acknowledge that I have read the PTA student handbook and am aware of the policies of the PTA Program and of this course regarding grading and performance as outlined in the daily schedule and syllabus which has been provided.

Signed: _____ Date: _____

PT 201 Homework Assignment**MEDICARE: WHAT IS IT/HOW DOES IT IMPACT YOU?**

Use your CI as a resource for this information. Answer the following questions regarding Medicare.

1. Who qualifies for Medicare? _____

2. What are the two types (parts) of Medicare? _____

3. List three "rules" about Medicare documentation: _____

4. Does Medicare pay for long term care? _____

What restrictions are present in long term care? _____

5. Describe the monthly documentation requirements: _____

6. Does your facility use a specific form for Medicare: (If possible please bring a copy to share in class.) _____

7. What is unique about Medicare reimbursement at your current facility? _____

8. Does Medicare pay for PTA treatments? _____

9. What expectations are there for future Medicare reimbursement in PT? _____

MARKETING PHYSICAL THERAPY SERVICES

1. You are in a rural home health practice and notice that your agency has not been receiving many stroke patients as referrals although you know that the patients are there. What suggestions would you have to investigate this problem?

2. You are in an out patient orthopedic practice and have 3 strong referring physicians. One of these physicians has suddenly stopped sending referrals to your clinic. What suggestions would you have to correct this problem?

3. You are in a busy nursing home setting and work with one PT and 2 other PTA's. The two other PTA's have both resigned and you are having to work extra hard. What suggestions would you have to recruit staff and to manage until new PTA's are hired?

4. You are a new PTA in a large hospital. Although you have been introduced to some of the hospital staff, you still seem to get the "eye" when you enter the nursing station on several floors. What suggestions do you have to correct this situation?

5. Think of one area that you think is really Great at the clinic that you are presently working. Create a 30 second advertisement as to WHY physicians should send their patients to your clinic.
6. Design a memo/handout/single page/add that will describe the clinical facility where you work and why a certain physician should refer his patients to you.

7. Describe a "type" of physical therapy practice and how you would decide which physicians you would market to.

8. You wish to work as a contract therapist. Describe qualities that this type person should have to be successful as a contract physical therapist assistant.

9. Overhead expenses are those that you cannot charge for directly to the patient/and or client and get reimbursed for. Such things as electricity are included in this category. Name at least 5 other overhead expenses that must be considered in a physical therapy business.

PATHOLOGICAL CONDITIONS REPORT

Consider the following conditions/pathologies/lab tests. Work in groups of three using the references provided in class. Elect a spokesperson to present informally to the class:

TB,

HIV/AIDS,

Hepatitis B/A,

Diabetes Type I,

Diabetes Type II

Hemoglobin, Hematocrit

For your condition/disease, indicate the following:

1. Etiology
2. Symptoms
3. Prognosis
4. Treatment (PT and/or medical)
5. PT response/interaction

POLICY AND PROCEDURE PROJECT

1. Title of policy or procedure most often used in the clinic for reference (ask other clinicians): _____

2. Purpose of this section: _____

3. Consequences of not having a Policy and Procedure manual: _____

4. Uses of the entire manual: _____

5. How often should this be reviewed/updated? _____

6. What other documents are used to develop the manual? _____

7. Who wrote the manual? (position, i.e. staff therapists, director, supervisor, administration) _____

PT 201 PRESENTATION GUIDELINES

You and your two presentation partners are to provide the following information to the rest of the class. You will be responsible for the information presented in all of the presentations. Your presentations will be divided into the following 3 categories--. Should be done in power point, but you may also use any audiovisuals/ posters/handouts/ etc. which you think would be helpful. You are allowed approximately 20 minutes for your group's presentation. This will determine 15% of your final grade for the course. You should approach this as if you were presenting an in-service to your employer. Information presented will be represented on Test #3. ASK me for help or resources if you need it . Use the Anatomy TV s presentations to supplement your presentation. Go to library web page and proceed from there. Eastgate is username and password is center, I think. Try that or call library to get it.

I. Anatomy:

- A. skeletal
- B. muscular
- C. Neuro-vascular
- D. Include loose packed and closed packed positions for the joint

II. Typical Pathological Conditions/Injuries:

--give at least 3 of the most common conditions

III. Treatment Techniques:

- A. indications of treatment for the conditions given in (II.)
- B. Specific procedures used
- C. Contraindications or precautions to be taken with each of the conditions given in (II.)
- D. Give a home exercise program for at least one of the pathologies presented. Use the HEP computer program in the lab.

Report topics:

- 1. Hip
- 2. Knee
- 3. Shoulder
- 4. Lumbar Spine
- 5. Cervical Spine
- 6. Ankle (not done in 08)
- 7. Elbow (not done in 08)

1	1	1	2	2	2
4	4	4	5	5	5
6	6	6			

PT 201 PRESENTATION GUIDELINES

Potential Points

1. Professional presentation: 10 points

Clear, easy to hear, organized, eye contact,
Vocabulary, volume, confidence

Points awarded: _____

Comments:

2. Content: 80 points

Accuracy of information, application to patient care,
Reference to sources cited
Completeness of information
HEP appropriate with necessary information

Points awarded: _____

Comments:

3. Audio/visual aids: 10 points

Must have at least part of presentation on **power point**.
Clarity, neatness,

Points awarded: _____

Comments:

TOTAL POINTS AWARDED/GRADE _____

Group Name: _____

Individual: _____

Notes: