

PTA 101L

Introduction to Clinical Practice 1 Lab

CRN 21945 – Fall 2010

Tentative Syllabus- Subject to change as needed by the instructors

Accessibility Notice

If you need support or assistance because of a disability, you may be eligible for academic accommodations through Disability Services. For more information, contact Disability Services at (541) 463-5150 (voice) or 463-3079 (TTY), or stop by Building 1, Room 218.

Catalog Description

This co-requisite lab to PTA 101 allows for practice of physical therapy interventions for localized acute and chronic pain and soft tissue injuries. Topics and skills include application of superficial and deep heating agents, electrical modalities, compression/taping, bracing, exercise, and assisted mobility training. Principles of safe and effective communication, data collection, protection of patient privacy and body mechanics are integrated into laboratory practice. 2 Lab credits.

Instructors

Instructor	email	phone	office
Christina Howard	howardc@lanecc.edu	541-463-5764	Building 30, 100
Beth Thorpe	thorpeb@lanecc.edu	541-463-3274	Building 30, 108
Brian Wilkinson	wilkbandit@gmail.com	541-463-5167	Building 30, 109
Classroom	Building 30, Room 122	Times	Friday 9-11:50am and 1-3:50pm

Campus Office Hours:

Christina M, Tu 9:30-10:30, W 11-12, Th 12-1:50p (lab); by appointment

Beth MW 11:30-12:30, Th 2-2:50 (lab), F by appointment (no office hrs Weeks 7-9 due to clinical travel)

Brian: Moodle messaging

Voice mail responses: Students can expect to receive a returned phone call from the instructor(s) within 24 business hours. For more immediate response, students should call the HP Department, 541-463-5167.

Email responses: Email responses to students are completed same day by 10:00pm, Monday through Friday. Weekend responses are at the discretion of the instructors.

Course Outcomes

Specific lesson level objectives are included in weekly Moodle resources. Course outcomes will be verified by one or more of the following assessments:

Professional Conduct and Behavior

OUTCOME	ASSESSMENT
Demonstrate reliability by meeting participation standards	Professionalism and Attendance Rubric
Sign into course at least twice a week	Moodle activity reports
Completes on-line assignments completely and on-time; Initiates discussions with classmates	Professionalism and Attendance Rubric; Moodle assignment activity logs
Demonstrate informed consent and protection of patient privacy during laboratory activities	Laboratory activities and examination, skill checks
Values PTA lab equipment by following program equipment use policies	Supervised and unsupervised lab practice, laboratory activities
Arrives on-time and appropriately prepared to participate in hands-on laboratory instruction and examination	Professionalism and attendance grading criteria
Initiates active communication and problem-solving with instructors as questions and concerns arise	Moodle messages, in-class activities, electronic or written meetings as needed

Technology and Computer Literacy

OUTCOME	ASSESSMENT
Use technology appropriately, efficiently, and effectively for course assignments, self-assessments, and peer and instructor communication	Moodle message logs, uploaded assignments; Moodle activity reports
Demonstrates knowledge and understanding of the college and program Appropriate Use Policy for computer use and electronic communications.	Moodle activity reports; Moodle message logs
Communicate with instructors and classmates synchronously and asynchronously through	Moodle message system; Professionalism and Attendance Rubric

email and the college course management system	
Use laboratory equipment appropriately, efficiently, and effectively for course activities and self-assessments during practice and case simulations	Policies and procedures for laboratory conduct and lab use; safety policies followed in laboratory; skill checks

Communication

OUTCOME	ASSESSMENT
Document accurate and thorough treatment information for course specific patient case simulations using SOAP and proper medical format.	Documentation Criteria Rubric; written assignments and examination; laboratory activities and laboratory practical
Clearly identifies self as SPTA during case simulations	In class activities, skill checks, practical examination
Integrates patient goals/concerns/questions throughout case simulations; applies a patient-centered approach	In class activities, skill checks, practical examination

Individual and Cultural Differences

OUTCOME	ASSESSMENT
Identifies and responds to various individual and cultural differences, i.e. deafness, non-English speaking, etc. in simulated patient scenario with respect.	Written assignments and examination; case simulation

Safety

OUTCOME	ASSESSMENT
Demonstrate precautions and techniques to ensure protection of self and patient during patient care activities	Skill check, laboratory examination

Interventions

OUTCOME	ASSESSMENT
Measure vital signs (HR, RR, O2 sat, BP)	Skill check, laboratory exam
Demonstrate correct long term positioning for a	Skill check, laboratory exam

student subject in supine, prone, and side lying positions	
Teaches a motor skill using principles of motor learning	Take home assignment
Safely perform appropriate transfers during simulated patient problems requiring a range of assistance from minimum to maximum in the following situations: bed to/from wheelchair, bed repositioning, bed to/from gurney, supine to/from sitting, sit to/from stand	Skill check, laboratory exam
Safely perform appropriate wheelchair locomotion, management and training during a simulated patient problem requiring a range of assistance.	Skill check, laboratory exam
Assess pain, skin, and compression therapy for treating soft tissue pathology	Skill check, laboratory exam
Modify the treatment and/or intervention according to the pain response	Skill check, laboratory exam
Demonstrate safe and effective application of the following physical agents to a person with a musculoskeletal or neuromuscular impairment: ice massage, ice pack, hot pack, ultrasound, electrical stimulation	Skill check, laboratory exam
Demonstrate the safe application of passive, active assisted, and active resistive exercises, stretching, and massage during a student case scenario	Skill check, laboratory exam

Clinical Problem Solving and Judgment

OUTCOME	ASSESSMENT
Apply problem-solving algorithms accurately during clinical case studies	Peer-to-peer activities case simulation, written assignments and examination
Select assistive devices according to patient need, and recognize signs and symptoms of misfit	Case simulation, skill check and examination
Recognize and communicate the need for additional information or reassessment from the supervising physical therapist for each of the physical therapy interventions and simulated patient care activities in the course	Role play, case simulations, written assignment and examination
Defend clinical decision making during skill	In class activities, peer-to-peer feedback, formal

Manual contact participation

This course requires a high level of touch as it deals with the actual delivery of physical therapy treatments and procedures while in class.

All students are expected to actively participate in the delivery and reception of such modalities and procedures as: hot packs, cold packs, massage, ultrasound, and gait training activities on flat surfaces and stairs with appropriate assistive devices.

Anyone with physical contraindications to the reception of any modality or procedure in this course has the responsibility to notify the instructor before acting as a patient for a fellow student.

A high level of professionalism and respect is expected in the classroom and lab. Anyone who feels compromised by a fellow student or instructor has the responsibility to discuss the situation with the parties involved at an appropriate time and location. Students with apprehension regarding the amount of touch required, given, or received, or with apprehensions regarding the delivery of modalities to fellow students has the responsibility to talk to the instructor or Program Coordinator at an appropriate time and location.

Personal Care

Dress

Shorts (running, short-legged) for men and women and halter or jog bras for women are the appropriate lab attire for lab courses. Access to the trunk, low back, shoulders, and extremities is a must for lab courses.

Sweats may be worn over lab clothing when not playing the role of a patient.

Recommended shoes are to be closed toe and heel and of low height sole and heel. No flip flops or sandals without a back strap. Shoes may be removed when simulating the role of the patient. Hair will be worn up or pulled back off the face during all lab sessions.

Jewelry shall be simple - dangling earrings, bracelets, necklaces, caps and hats are not allowed.

Hygiene

Gum chewing is not allowed.

Good personal hygiene is a must and should include the avoidance of an excessive amount of perfumes, sprays, colognes, strong breath smells resulting from smoking or eating certain foods, smoky clothing, etc.

Equipment and Lab Practice Rules

Equipment Operation

During any open lab time or any lab time in which the assigned activities have been completed, the students are encouraged to practice treatment procedures that have been previously covered in class. Equipment that has not been introduced in class discussion may not be operated by the students. Any broken equipment shall be reported immediately, promptly tagged, and placed out of commission.

All equipment will be handled with care and respect. The appropriate machine instruction booklet (when available) will be read prior to the use of any machine.

Additional Lab Practice

The lab area will be available to students outside of class time since there are many skills and machines to be mastered during the course. Immediate supervision will not be available, but an instructor will be available during some portion of the open lab time.

The lab is not available on holidays, evenings after 6pm, or immediately prior to lab tests. Any request for lab times other than the scheduled time must be presented to the instructor in advance. All clinic rules apply during lab practice.

Grading Policies

Grades are based on the following:

Course Percentage	Course Activity	Minimum Passing Criteria
10%	Professionalism and Attendance	70% of total points
10%	Pre-Lab and Pass/No Pass Assignments	70% of total points
50%	Skill Checks	70% of total points
30%	Comprehensive Lab Final	70% of total points

Laboratory grades are based on attendance, quality of participation in on-line and face-to-face instructional activities, safety, skill check criteria, and professionalism. To obtain full credit for Moodle professionalism and attendance, students must actively engage in classroom discussions

and activities, ask questions to clarify concepts in which the student may need additional instruction, check the Moodle forums regularly, download and print necessary materials from the web, and submit any assignments online as required. Student engagement is evaluated at the discretion of the instructor.

Student must earn 70% of all points in each course activity category to pass. There is no option to change grading basis for this course to pass(P)/no pass(NP).

The instructors may assign additional activities. In such case, students will be informed of any additional requirements and how those requirements will be included when calculating the final grade for the course.

Letter Grades

Letter grades are assigned based on the following percentages

A = 92.5 to 100	A- = 90 to < 92.5	B+ = 87.5 to < 90
B = 82.5 to < 87.5	B- = <82.5 to 80	C+ = 77.5 to < 80
C = 70 to < 77.5	D = 65 to < 70	F = < 65

Students who receive an ‘Incomplete’, a ‘D’ or ‘F’ grade will be allowed one-year to make up the non-passing grade. The curricular design and prerequisites for cooperative education will require waiting a full academic year prior to resuming the PTA program. If a second course results in an ‘Incomplete’, a ‘D’ or ‘F’ grade, the student will be dismissed from the PTA program.

Professionalism and Attendance

Lateness/tardiness is unacceptable behavior in the classroom as well as in the clinic. All assignments are to be submitted on time. If an assignment is submitted after the due date, it will be graded and the final grade will be lowered 15% for each calendar day the assignment is late. No assignments will be accepted later than 3 days past the original due date without prior approval by the instructor. Deadlines and due dates are available on the Moodle course calendar.

The health professions (HP) office phone is 541-463-5167. Call the HP office to reach instructors during instructional time.

Do not come to class if you have a fever >100 degrees Fahrenheit.

Send instructors a message (telephone or electronic) regarding the nature of your absence so that we can make arrangements to make up work and practice.

In order to earn a passing grade for professionalism and attendance, you must earn a score of at least 35/50 (70%) as measured by the following criteria:

50/50

Dressed appropriately for all lab sessions

Present and punctual for all class and lab sessions

Prepared for all class and lab sessions (reading assignments, practicing skills, and participating in class/lab discussions).

Asked or answered questions 90% of class sessions

Demonstrated active listening and thoughtful speaking in all class sessions

Demonstrated consistent professional behaviors (i.e. notifies instructor before class if absent or late, respectful, accepts constructive feedback, accepts responsibility for own learning).

Completed all written assignments on time and completely

42/50

Dressed appropriately for all but one lab session

Absent one time, notified instructor before class began, made up all assignments

Late or left early ≤ 2 times, notified instructor before class began/ended

Prepared for 90% class and lab sessions by reading assignments, practicing skills, and participating in class/lab discussions.

Asked or answered questions 80% of class sessions

Demonstrated active listening and thoughtful speaking in all class sessions

Demonstrated consistent professional behaviors most of the time (i.e. notifies instructor before class if absent or late, respectful, accepts constructive feedback, accepts responsibility for own learning).

Completed 90% written assignments on time and completely.

35/50

Dressed appropriately for all but two lab sessions

Absent two times, notified instructor before class began, made up 50% of all assignments

Late or left early 3 times, notified instructor before class began/ended

Prepared for 80% class and lab sessions by reading assignments, practicing skills, and participating in class/lab discussions.

Asked or answered questions 60-70% of class sessions

Demonstrated active listening and thoughtful speaking in most class sessions

Demonstrated consistent professional behaviors most of the time (i.e. notifies instructor before class if absent or late, respectful, accepts constructive feedback, accepts responsibility for own learning).

Completed 60-80% written assignments on time and completely.

20/50

Dressed appropriately for all but three lab sessions

Absent three times, notified instructor for some but not all absences, no make up assignments completed

Late or left early 4 times, notified instructor for some but not all of the times

Prepared some of the time, frequently not prepared for questions, discussions, small group work, etc.

Asked or answered questions less than 50% of class sessions

Demonstrated active listening and thoughtful speaking inconsistently

Demonstrated consistent professional behaviors inconsistently
Completed $\leq 50\%$ written assignments on time and completely.

10/50

Dressed appropriately for all but four or more lab sessions

Absent > 3 times, did not notify instructor before class began, made up no assignments

Late or left early > 4 times, did not notify instructor before class began/ended

Frequently not prepared for class and lab sessions

Asked or answered questions less than 30% of class sessions

Consistently demonstrated lack of active listening and thoughtful speaking in most class sessions

Consistently demonstrated lack of professional behaviors

Wellness Policy

Do not come to class if you have a fever > 100 degrees Fahrenheit.

Send instructors a message regarding the nature of your absence so that we can make arrangements to make up work and practice. It is up to the instructor to determine the nature and amount of make-up activities and face-to-face practice time.

[Click here](#) for recommendations on when to seek medical attention for flu-like symptoms.

Critical Safety Elements

Red Flags

Students must demonstrate competency in identified patient safety skills during skill checks and formal assessments. Failure to demonstrate a critical safety element according the skill check/lab assessment will result in automatic failure of the skill check/assessment. Critical Safety elements for skill checks include, but are not limited to:

- safety belts used
- wheelchairs locked
- foot rests lifted
- good body mechanics
- bed locked
- wash or sanitize hands before and after patient contact, hands on patient and,
- alert to patient's response.

Skill Check Grades

Skill checks are graded practical tests where students demonstrate safe and effective techniques for skills taught in class. Grading criteria is provided during instruction and practice to allow you to seek peer and instructor input on your ability to demonstrate basic competency before completing a formal lab test that includes the skill.

We expect students practice multiple times with multiple partners, and actively seek feedback from others. Make use of the skill sheets to perform practice and self-evaluation activities during lab practice. By the time you start your graded skill check, you should be well rehearsed and prepared.

Initial skill checks are scheduled during lab. If you are absent, a grade of zero will be earned for that skill check (with exceptions according to course Wellness Policy). If you cannot demonstrate competency during the initial skill check (<70% or red flags), then you must repeat the skill until you earn at least 70%. The score earned on your first skill check attempt is your grade. All skill checks must be completed before finals week.

80% of total points, 100% on safety criteria	V or V+ indicates safe and effective treatment
70-80% of total points, omissions in safety	V- indicates omissions, ineffective Rx, below appropriate level
<35 points, omission in safety	Repeat- indicates unsafe and/or ineffective Rx

Laboratory Final

The comprehensive final examination is a timed, clinical case simulation where you integrate 3-4 modalities/procedures learned in lab. Grading is based on your ability to demonstrate proficiency in theoretical knowledge and effective application of PT interventions. Goals for treatment are explicitly stated on the grading criteria and include:

- proper positioning
- correct patient and SPTA body mechanics
- treatment explanations, clearly stated instructions
- professional manner,
- inclusion of any precautions that might exist
- assessment pre/during/post treatment, and
- appropriate treatment response to any inappropriate physiological/psychological response of the patient, etc/

It is the student's responsibility to immediately notify the instructor if he/she has selects a lab test scenario in which they have previously assumed the patient role. Failure to do so will result in loss of points during examination.

PLEASE PLAN AHEAD FOR FINALS WEEK. Practical exams are scheduled on Wednesday, Thursday, and Friday, Week 11. You are responsible for signing up for a time which works in your schedule during the sign up period. There are no make-up comprehensive final exams.

The lab final is worth 80 points. The instructors will assign testing times for the Week 11 lab examination. A final grade of no less than 56 points is required to pass the course. Students may re-take the laboratory exam once. The initial exam is the scored attempt. Students may also be required to perform remedial study, assigned by the instructor, prior to retaking the laboratory exam. This may include, but not be limited to, a peer evaluation of competency performance.

College Closures and Lane Alert

Snow or Ice: When bad weather strikes, check <http://mylane.lanecc.edu> or call 541-463-3000 to find out about college closures or delays. KLCC (89.7 FM) broadcast closure information. Closure notices also will be posted on the local school closure website at www.valleyinfo.net. If the college is closed due to weather or other events during scheduled lab time, make up labs will be scheduled.

It is up to the instructor to determine the nature and amount of make-up activities and face-to-face practice time due to any scheduled or unscheduled absence.

Text Books

Title	Edition	Author
Physical Agents Theory and Practice for the Physical Therapist Assistant	2nd	Barbara J. Behrens
Lukan's Documentation for PTAs	3rd	Wendy D. Burcher
Principles and Techniques of Patient Care	4th	Pierson and Fairchild
Therapeutic Exercise	5th	Kisner and Colby

Textbooks for PTA 101/101L will also be used in PTA 103/103L, and PTA 104/104L