

ANGELO STATE UNIVERSITY
Archer College of Health and Human Services
Physical Therapy Program

PT 7655 Neuromuscular Examination & Management

Fall 2019 6 credits (4-6-0)

COURSE DESCRIPTION: Using the Guide to Physical Therapy Practice and current evidence, student physical therapists will utilize neurologic examination, tests and measures to diagnosis and implement interventions designed to address neuromotor dysfunction in a culturally competent manner. Interventions will be grounded in the foundational movement science and evidence-based practice.

CO-COURSE COORDINATOR: Carolyn Mason, PT, PhD
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Office Hours: By appointment

CO-COURSE COORDINATOR: Kendra L. Nicks, PT, ScD, COMT
Associate Professor
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Office Hours: By appointment

INSTRUCTORS: Teresa Huckaby, PT, DPT
Assistant Clinical Professor
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Office: HHS 224F
Office Hours: By appointment

Regina Hartnett, PT, MPT
Adjunct
325-656-4357
regina.hartnett@angelo.edu

GUEST LECTURERS:

Derrick Chan, PT, ATC, LAT
Leddy Priddy, PT
Laura Wilson, PT
WTRC Peds Physical Therapists
Others to be announced

CLASS HOURS / LOCATIONS:

MTWRF**	8:00 AM – 12:00 PM	HHS 216	Lecture/Lab
MTRF**	1:00 PM – 5:00 PM	HHS 216	Lecture/Lab

** Please see attached tentative schedule for details..

CLOCK HOURS: Lecture: 64
 Lab: 96

PREREQUISITES: Successful completion of previous DPT coursework.

COURSE OBJECTIVES: At the completion of this course, the student should be able to perform each of the following in a safe, effective and culturally competent manner:

1. Define and identify the components of normal gait and common gait deviations. **7D19**
2. Describe functional mobility assessment components. **7D19**
3. Define and identify parts of footwear and their use.
4. Describe indications, contraindications, impact on gait, and possible shoe modifications for a variety of orthotics including but not limited to AFO, KAFO, and HKAFO designs. **7D19**
5. Perform examinations related to orthotic prescription, orthotic check-out, and orthotic adjustment/modifications and determine appropriateness of orthotic devices. **7D19**
6. Independently examine and re-examine a patient with neuromuscular problems by obtaining a pertinent history from the patient and from other relevant sources, by performing relevant systems review, and by selecting appropriate age-related tests and measures. **7D17, 7D18, and 7D19**
7. Synthesize neuromuscular examination data to complete the physical therapy evaluation. **7D19**
8. Integrate information to determine the need for further examination or consultation by a physical therapist or for referral to another health care professional. **7D16**
9. Engage in the diagnostic process in an efficient and cost-effective manner to establish differential diagnoses for patients with neuromuscular problems across the life span. **7D22**
10. Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations. **7D21**
11. Determine patient or client prognoses based on evaluation of results of neuromuscular examinations and medical and psychosocial information. **7D20**
12. Collaborate with patients, clients, family members, payers, other professionals, and individuals to determine a safe and effective plan of care that is ethical, realistic, and acceptable to the patient, client, family, and therapist. **7D7, 7D8, 7D23, 7D24**
13. Formulate goals and functional outcomes related to neuromuscular problems that specify expected time to achieve. **7D23**
14. Determine what parts of the plan of care that may, or may not, be delegated to the physical therapist assistant taking into consideration the needs of the patient, the PTA's role, education, training, and competence, the TX PT Practice Act, practice guidelines policies, and facility policies. **7D24**
15. Create a discharge plan and possible home program for a patient/client with a neuromuscular problem. **7D26**
16. Competently perform physical therapy interventions to achieve goals and outcomes of the patient/client with neuromuscular problems. **7D27b, d, g, i**
17. Adapt the plan of care in response to patient status and/or data collected from selected outcome measures of a patient with a neuromuscular problem. **7D30**
18. Identify those areas of the plan of care that will be directed to a PTA. **7D29**

19. Determine and competently perform appropriate outcome measures that address impairments, functional status, and participation of a patient/client with a neuromuscular problem. **7D31**
20. Document accurately the examination, evaluation and diagnosis, the prognosis and plan of care, the intervention and patient response, and home program/discharge plans using electronic health records. **7D32**
21. Promote optimal health by providing information on wellness, disease, impairment, functional limitation, disability, and health risks related to age, gender, culture, and lifestyle to a patient/client with a neuromuscular problem. **7D34**
22. Critically evaluate published studies related to topics in neuromuscular physical therapy and express in writing established positions on the care and management. **7B**
23. Explore alternative and complementary therapies in rehabilitation via reading and participation.
24. Identify and implement appropriate professional behaviors as identified by the Professional Behaviors in the classroom which will carry over to the clinic.
25. Formulate and implement plans for personal and professional improvement by utilizing feedback from both self and peer assessment activities.

TEACHING METHODS/PHILOSOPHY: A variety of teaching methods and learning activities will be utilized in the course including lecture and discussions, laboratory demonstration and practice, videotapes and other A-V material, case studies, problem-solving sessions, small group work, self-instructional and self-assessment activities, peer assessment activities, reading and written assignments, clinical simulations with feedback, tutorials as needed, and written and practical examinations. Learning will be in all three domains – cognitive, psychomotor, and affective.

The student is expected to be focused on the course material during class time. Time will be required outside of scheduled course time to practice the motor skills required for successful implementation of various evaluations and interventions to be learned in the course. Time may be scheduled with the faculty members for clarification and additional feedback on performance of various course activities.

TENTATIVE SCHEDULE: See attached.

REQUIRED TEXTBOOKS:

1. O'Sullivan SB, Schmitz TJ. *Physical Rehabilitation*. 6th ed. Philadelphia, PA: F.A. Davis, 2014.
2. O'Sullivan SB, Schmitz TJ. *Improving Functional Outcomes in Physical Rehabilitation 2nd ed.*. Philadelphia, PA: F.A. Davis, 2016.
3. Lusardi MM, Nielson CC. *Orthotics and Prosthetics in Rehabilitation*, 3rd ed. St. Louis, MS: Saunders, 2012.

REQUIRED TEXTBOOKS PREVIOUSLY PURCHASED

1. Shumway-Cook A & Woollacott MH. *Motor Control: Translating research into clinical practice*. 5th ed. Philadelphia, PA: Lippincott Williams & Wilkins, 2018
2. Ciccone CD. *Pharmacology in Rehabilitation*. 5th ed. Philadelphia, PA: F.A. Davis, 2016.
3. Goodman CC, Fuller KS. *Pathology: Implications for the physical therapist*. 3rd ed. Philadelphia, PA: Saunders, 2009.
4. Blumenfeld H. *Neuroanatomy through Clinical Cases*. 2nd ed. Sunderland, MA: Sinauer Associates, Inc, 2010.

OPTIONAL TEXTBOOKS

1. Lundy-Ekman L. *Neuroscience: Fundamental for Rehabilitation* 3rd ed. Philadelphia, PA: W. B. Saunders, 2007.
2. Tecklin JS. *Pediatric Physical Therapy*. 5th ed. Baltimore, MD: Lippincott Williams & Wilkins, 2015.
3. *Observational Gait Analysis*. The Pathokinesiology Service and The Physical Therapy Dept., Rancho Los Amigos National Rehabilitation Center, 2001.

LAB ATTIRE (REQUIRED)

- T-shirt
- Shorts and/or yoga pants for modesty
- Shoes with low heels and enclosed heels and toes
- Hair restrained as necessary.

GRADING/EVALUATIVE PROCEDURES

Activity	Value
Final Exam	25%
Practical Exam (Mastery Required)	20%
Practical Exam Documentation (Mastery Required)	5%
Task Analysis	5%
Class Assignments (3 at 3% each)	9%
Case Presentation	10%
Balance and Fall Risk Reduction Program Documentation	10%
Peds Quizzes	2%
Peds Orthopedic Presentation	5%
Peds Checkoffs (Mastery Required)	4%
PNF checkoff (Mastery Required)	5%
Total	100%

The Final Examination will consist of both multiple choice and short answer question and will be computer administered in the Testing Center. Final Examination will be comprehensive. No retakes will be given of the written examination.

The comprehensive practical exam will represent 20% of the final course grade. Criterion referenced methods will be used for evaluation. Demonstration of mastery (80%) is required. **One retake may be given at the discretion of the course instructors.** Once a retake is successful, regardless of the passing score obtained, a score of 80% will be used to calculate the final grade. Students with below Mastery (80%) performance on the first attempt of the practical exam will be subject to the program policy regarding failures as outlined in the Doctor of Physical Therapy (DPT) Program Student Handbook. Should mastery on a graded activity not be achieved after repeating the activity/assignment, a "Fail" will be assigned for the course.

Mastery will be required on the Practical Exam Documentation and check offs for successful completion of these activities. If a student should not achieve mastery on the first attempt, the maximum value of second attempt is 80% on that activity.

Clinic integration visits will be graded on objectives provided to the clinical instructor and student. These objectives will be based, in part, on Professional Behaviors, clinical reasoning, and hands-on examination and treatment skills. **Mastery performance is required to pass the course.**

Written assignments (projects) are non-mastery items. As such there are no retakes for these items and whatever grade the student receives on their first attempt will stand. Written assignments submitted without student name will not be graded and will be given a grade of "0" (zero).

Criterion-referenced methods will be used to evaluate all course activities.

Students with repeated below Mastery performance will be subject to the program policy regarding repeated failures as outlined in the Doctor of Physical Therapy (DPT) program Student Handbook. Students who receive a failing course grade are subject to dismissal from the DPT program.

The final course grade will be assigned as follows:

A	=	90-100%
B	=	80-89%
C	=	70-79% (does not meet mastery)
F	=	≤ 69%

Students must score 80% or better in total (A or B grade) in order to meet mastery and receive credit for this course. Students who receive a failing course grade are subject to dismissal from the DPT program. Exceptions may be sought by petition of the Academic Committee of the Physical Therapy Program.

ACADEMIC HONESTY

Academic honesty policies and procedures are reinforced throughout all aspects of the professional program. Faculty and students should familiarize themselves with the Angelo State University Code of Student Conduct found in the ASU Student Handbook available on the ASU website (<http://www.angelo.edu/student-handbook/>). This document, in addition to the information listed below, will be utilized to identify and address academic dishonesty within the program. The Department of Physical Therapy bases student conduct on the APTA Code of Ethics, Guide for Professional Conduct and Standards of Practice (<http://www.apta.org/>) (**Appendix 8**), in addition to Professional Behaviors. Specifically, the Department of Physical Therapy aligns itself with Angelo State University procedures under the Code of Conduct located at <http://www.angelo.edu/student-handbook/code-of-student-conduct/>, and the Community Policies located at <http://www.angelo.edu/student-handbook/community-policies/>. Both of these documents are located in the Angelo State University Student Handbook <http://www.angelo.edu/student-handbook/> and fall under the guidance of the Office of Student Affairs and Enrollment Management. Please see the Dept. of Physical Therapy Student Handbook for further explanation.

STUDENTS WITH DISABILITIES

University Statement on Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments Act of 2008 (ADAAA), and subsequent legislation.

Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and **it is the student's responsibility** to initiate such a request by emailing ADA@angelo.edu, or by contacting:

Mrs. Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
University Center, Suite 112
325-942-2047 Office
325-942-2211 FAX
Dallas.Swafford@angelo.edu

When a student states he or she could meet the program's technical standards with accommodation(s), the Office of Student Affairs will confirm that the stated condition qualifies as a disability under applicable laws. If the condition qualifies as a disability, the University will determine if it agrees that the student can meet the technical standards with reasonable accommodation; this includes a review of whether or not the accommodation requested is reasonable, taking into account whether or not the accommodation would jeopardize clinician/patient safety or the educational process of the student or the institution, including all course work, clinical educational experiences and internships deemed essential to graduation. Students are required to read and sign the DPT program's technical standards (DPT Program Student Handbook Appendix I) form and to update their responses on this form if their health status changes.

A student who requires accommodation to meet the technical standards must obtain verification by the Office of Student Affairs that proper reasonable accommodation is available for the student to meet the standard. The program will not provide accommodation without such written verification.

ATTENDANCE/TARDINESS

Attendance and promptness to classes, meetings, and future work obligations are considered professional behaviors. As this department is preparing potential professionals in the area of physical therapy, it is part of our expectation that student presence and timeliness will be held in highest regard. Tardiness is a disruption to the instructor and fellow students. A student is considered tardy if he/she arrives for class after the instructor has begun class activities. Please see the following related to implications from excessive lateness or absences without a reasonable excuse:

- a. First offense- verbal warning
- b. Second offense- second verbal warning, initiation of Disciplinary Tracking Form.
- c. Third offense- 1% off final course grade
- d. 1% off final course grade for each additional unexcused tardy or absence

Per the student handbook, **2 or more occurrences combined or mixed will result in the initiation of a Disciplinary Tracking Form.**

If a student has an unexcused absence during integrations it may lead to the removal of that student from that clinical environment. It is the responsibility of the student to contact the clinical site and give notice if they are ill, or have transportation issues.

If the student is unable to attend class, it is the student's responsibility to either call the PT office at 942-2545 or the office of the professor of the class directly. This notification should be made prior to commencement of said class.

Continued issues with tardiness/attendance across all courses will result in disciplinary probation and will be referred to the PT faculty for consideration of options, including program dismissal. The PT faculty is not oblivious to doctor's appointments and other potential hazards and emergencies in daily life. Simply taking responsibility to notify the office or the professor if issues arise is considered professional behavior. Please do not rely on a classmate or other form of notification, as these have proven unreliable in years past.

ATTENDANCE AT ALL SCHEDULED EXAMINATIONS IS MANDATORY. Any unexcused absence from an examination will automatically result in a score of ZERO for that examination. Any student absent from examinations due to illness or injury must have a written justification from their physician. **Absence from an examination for any other reason must be excused before the time of the scheduled examination** or brought about by a very serious circumstance. For excused absences only, make-up examinations must be taken no later than one week after the student returns to class. Extended absences must be approved by the Program Director of Physical Therapy.

PROFESSIONAL BEHAVIORS

Professional attire including nametag is expected when guest speakers are scheduled unless other instructions are given. Appropriate clinic attire is expected during clinical integration.

Maintaining a safe and clean learning environment is the responsibility of students and faculty. **Gum-chewing is not permitted in lab, during on-campus patient/client experiences or during any off-campus activities.** Cell phones need to be turned off upon entering the classroom. Personal e-mailing and internet surfing are not allowed during lecture and lab activity. Students with three violations will be penalized 1% on their final course grade. Thereafter, 1% will be deducted for each subsequent violation and will be excluded from the class activity.

Continual problems with professional behaviors will be directed to the student's academic advisor and, if necessary to the Academic Committee for action.

PHYSICAL THERAPY EQUIPMENT SIGN OUT

ASU Department of Physical Therapy equipment sign out will only be done following the procedures listed below:

1. Check with the primary faculty who traditionally use the equipment for initial approval
2. Check with the other faculty team teaching the course to make sure they have not scheduled a use for the equipment while you desire to check it out
3. See the PT department secretary to sign out and sign in the equipment, stating the date of sign out, the piece of equipment and the anticipated date of return
4. Inform the primary faculty member when the equipment is returned.

ACCIDENT/INCIDENT REPORTING

Any student involved in a safety incident on ASU property or at an ASU related educational activity (e.g. accidental needle stick, fall, etc.) must immediately notify the course coordinator, clinical instructor and/or department chair. If the incident occurs after hours, all incidents must be reported to the University Police at 942-2071. A student Accident/Incident Report must be completed no matter how insignificant the incident may appear. [See Appendix 15 of the Student Handbook for the form.]

RELIGIOUS HOLY DAYS

Faculty will provide accommodations for student absences for observance of a religious holy day(s) (OP 10.19). Students should make every effort to inform a faculty member at the beginning of the semester regarding these absences.

7655 week 1

Week of: **August 26**

	8/26	8/27	8/28	8/29	8/30
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 AM					
8:30 AM				Review of developmental sequence, and reflexes	Review evaluation set up
9:00 AM	Orientation to course Framework for Clinical Decision Making Interventions to Improve Motor Control and Motor Learning	Section 1: PNF D1/D2 UE	Section 1 Ball activities		
9:30 AM					
10:00 AM					
10:30 AM					
11:00 AM					
11:30 AM			Section 2 Ball activities	Task Analysis	Participant Evaluation - Baptist Retirement Community
12:00 PM					
12:30 PM					
1:00 PM					
1:30 PM				PT 7243	7655
2:00 PM					
2:30 PM	Development of Balance and Fall Risk Reduction Program, Tests and Measures	Section 2: PNF D1/D2 UE,			
3:00 PM					
3:30 PM					
4:00 PM					
			PT 7337		

4:30 PM				
5:00 PM				

fall 7655 week 2

Week of: September 2

	9/2 MONDAY	9/3 TUESDAY	9/4 WEDNESDAY	9/5 THURSDAY	9/6 FRIDAY	9/7 SATURDAY	9/8 SUNDAY
8:00 AM	Labor day- no class						
8:30 AM							
9:00 AM				CRPS		Task Analysis Report	
9:30 AM					Section 1 PNF D1/D2 LE Review and Cases		
10:00 AM				Balance and Fall Risk Reduction Program - Baptist Retirement Community		Management of BG Disorders	
10:30 AM							
11:00 AM							
11:30 AM			Impaired Motor Function and Sensory Integrity: Examination				
12:00 PM							
12:30 PM							
1:00 PM				PT 7337	PT 7243	Observational Gait- Leddy	
1:30 PM							
2:00 PM							
2:30 PM							
3:00 PM							
3:30 PM							
4:00 PM							
4:30 PM		Section 2 PNF D1/D2 LE Review and Cases					
5:00 PM							
5:30 PM							
6:00 PM							
6:30 PM							

fall 7655 week 3

Week of: **September 9**

	9/9 MONDAY	9/10 TUESDAY	9/11 WEDNESDAY	9/12 THURSDAY	9/13 FRIDAY	9/14 SATURDAY	9/15 SUNDAY	
8:00 AM								
8:30 AM	Eval skills		7655					
9:00 AM								
9:30 AM		7655			AFO's and Gait			
10:00 AM	Balance and Fall Risk Reduction Program - Baptist Retirement Community		Balance and Fall Risk Reduction Program - Baptist Retirement Community	NDT - Hartnett				
10:30 AM								
11:00 AM								
11:30 AM								
12:00 PM								
12:30 PM								
1:00 PM	Orthotics Leddy Priddy		PT 7337	PT 7243	Management of MS and ALS			
1:30 PM		PD interventions BIG						
2:00 PM								
2:30 PM								
3:00 PM		aquatic lecture						
3:30 PM								
4:00 PM								
4:30 PM								
5:00 PM		section 1 pool WTRC						
5:30 PM								
6:00 PM								
6:30 PM								

fall 7655 week 4

Week of: **September 16**

	9/16 MONDAY	9/17 TUESDAY	9/18 WEDNESDAY	9/19 THURSDAY	9/20 FRIDAY	9/21 SATURDAY	9/22 SUNDAY	
8:00 AM								
8:30 AM	Eval skills							
9:00 AM			7655					
9:30 AM		Section 1: Bed mobility and transitions to stand		High Risk Infant and Gait, Health Promotion and Safety				
10:00 AM	Balance and Fall Risk Reduction Program - Baptist Retirement Community					FES Section 2		
10:30 AM								
11:00 AM								
11:30 AM								
12:00 PM					Lunch			
12:30 PM								
1:00 PM		Pedi Assessment	PT 7337	PT 7243	FES Section 1			
1:30 PM	GMI Section 1							
2:00 PM								
2:30 PM								
3:00 PM	GMI Section 2				Pedi treatment lab at WTRC			
3:30 PM								
4:00 PM				BOT and PDMS Lab with Children				
4:30 PM								
5:00 PM		Aquatic Therapy in WTRC Pool - Section 2						
5:30 PM								
6:00 PM								
6:30 PM								

Fall 7655 week 5

Week of: **September 23**

	9/23 MONDAY	9/24 TUESDAY	9/25 WEDNESDAY	9/26 THURSDAY	9/27 FRIDAY	9/28 SATURDAY	9/29 SUNDAY	
8:00 AM								
8:30 AM	Eval skills		7655					
9:00 AM								
9:30 AM								
10:00 AM	Balance and Fall Risk Reduction Program - Baptist Retirement Community	Section 2: Bed mobility and transitions to stand - Hartnett	Balance and Fall Risk Reduction Program - Baptist Retirement Community	NDT - Hartnett	Case presentations			
10:30 AM								
11:00 AM								
11:30 AM								
12:00 PM								
12:30 PM								
1:00 PM	Community Volunteers- History and Examination	Gaming Augmented Section 1	PT 7337	PT 7243				
1:30 PM								
2:00 PM								
2:30 PM								
3:00 PM								
3:30 PM								
4:00 PM		Gaming Augmented Section 2		BWSTT and other lab-section 1				
4:30 PM								
5:00 PM								
5:30 PM								
6:00 PM								

Fall 7655 week 6

Week of: **September 30**

	9/30 MONDAY	10/1 TUESDAY	10/2 WEDNESDAY	10/3 THURSDAY	10/4 FRIDAY	10/5 SATURDAY	10/6 SUNDAY	
8:00 AM								
8:30 AM	Eval skills							
9:00 AM								
9:30 AM		Standing and Gait-		Pedi-PT in education, Family centered care	Sensory Integration, Musculoskeletal presentations			
10:00 AM	Balance and Fall Risk Reduction Program - Baptist Retirement Community							
10:30 AM			Participant Evaluation - Baptist Retirement Community					
11:00 AM								
11:30 AM								
12:00 PM								
12:30 PM								
1:00 PM		Pedi NDT	PT 7337	PT 7243	concussion -chan			
1:30 PM								
2:00 PM	Community Volunteers- Interventions							
2:30 PM								
3:00 PM								
3:30 PM								
4:00 PM				BWSTT and other lab- section 2				
4:30 PM								
5:00 PM								
5:30 PM								
6:00 PM								

Fall 7655 week 7

Week of: **October 7**

	10/7 MONDAY	10/8 TUESDAY	10/9 WEDNESDAY	10/10 THURSDAY	10/11 FRIDAY	10/12 SATURDAY	10/13 SUNDAY
8:00 AM	Integrations						
8:30 AM							
9:00 AM							
9:30 AM							
10:00 AM							
10:30 AM							
11:00 AM							
11:30 AM							
12:00 PM							
12:30 PM							
1:00 PM	mock practical section 1	mock practical section 2	PT 7337	PT 7243	Pedi- Legal Issues		
1:30 PM							
2:00 PM							
2:30 PM							
3:00 PM							
3:30 PM							
4:00 PM							
4:30 PM							
5:00 PM							
5:30 PM							
6:00 PM							

Fall 7655 week 8

Week of: **October 14**

	10/14 MONDAY	10/15 TUESDAY	10/16 WEDNESDAY	10/17 THURSDAY	10/18 FRIDAY	10/19 SATURDAY	10/20 SUNDAY																														
8:00 AM	Integrations																																				
8:30 AM						Integrations																															
9:00 AM											Integrations																										
9:30 AM																Integrations																					
10:00 AM																					Integrations																
10:30 AM																										Integrations											
11:00 AM																															Integrations						
11:30 AM																																				Integrations	
12:00 PM																																					
12:30 PM																																					
1:00 PM	Practical Exams	Practical Exams	PT 7337	PT 7243	written exam																																
1:30 PM						Practical Exams	Practical Exams	PT 7337	PT 7243	written exam																											
2:00 PM											Practical Exams	Practical Exams	PT 7337	PT 7243	written exam																						
2:30 PM			Practical Exams	Practical Exams												PT 7337	PT 7243	written exam																			
3:00 PM								Practical Exams	Practical Exams										PT 7337	PT 7243	written exam																
3:30 PM													Practical Exams	Practical Exams								PT 7337	PT 7243	written exam													
4:00 PM	Practical Exams	Practical Exams			PT 7337											PT 7243	written exam																				
4:30 PM						Practical Exams	Practical Exams			PT 7337									PT 7243	written exam																	
5:00 PM											Practical Exams	Practical Exams			PT 7337							PT 7243	written exam														
5:30 PM			Practical Exams	Practical Exams	PT 7337											PT 7243		written exam																			
6:00 PM								Practical Exams	Practical Exams	PT 7337									PT 7243		written exam																