Chair: Tracy Christofero | **GC#7: Course Change**

Request for Graduate Course Change

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. ***The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.***

College: COHP Dept/Division: School of PT Current Alpha Designator/Number: PT 732

Contact Person: Neil Evans Phone: 6-5617

CURRENT COURSE DATA:

Course Title: Clinical Skills II

Alpha Designator/Number: P T 7 3 2

Title Abbreviation: C l i n S k i l l s I I

1. Complete this **five** page form in its entirety and route through the departments/committees below for changes to a course involving: course title, alpha designator, course number, course content, credit hours, or catalog description.
2. If this change will affect other departments that require this course, please send a memo to the affected department and include it with this packet, as well as the response received from the affected department.
3. If the changes made to this course will make the course similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet as well as the response received from the affected department.
4. List courses, if any, that will be deleted because of this change (*must submit course deletion form).*
5. If the faculty requirements and/or equipment need to be changed upon approval of this proposal, attach a written estimate of additional needs.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head [signature]	Date 3/23/15
Registrar [signature]	Date 3/23/15
College Curriculum Chair [signature]	Date 4/3/15
Graduate Council Chair	Date

Chair: Tracy Christofero | **GC#7: Course Change**

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Dept. Chair/Division Head [signature]	Date 3/23/15
Registrar [signature]	Date 3/23/15
College Curriculum Chair	Date
Graduate Council Chair	Date

Request for Graduate Course Change - Page 2

College: COHP | Department/Division: School of PT | Alpha Designator/Number: PT 732

Provide complete information regarding the course change for each topic listed below.

Change in CATALOG TITLE: ☒ YES ☐ NO

From: Clinical Skills II (limited to 30 characters and spaces)

To: Therapeutic Interventions

If Yes, Rationale: The content in the course is shifting from teaching exclusively introductory clinical skills to including therapeutic exercise/interventions, teaching & learning, and physical and mechanical modalities. Therefore, the name change will be more appropriate for the course content.

Change in COURSE ALPHA DESIGNATOR:

From: ____ To: ____ ☐ YES ☒ NO

If Yes, Rationale:

Change in COURSE NUMBER: ☐ YES ☒ NO

From: ____ To: ____

If Yes, Rationale:

Change in COURSE GRADING

From ☐ Grade To ☐ Credit/No Credit

Rationale: No Changes in grading

Change in CATALOG DESCRIPTION: ☒ YES ☐ NO IF YES, fill in below:

From: This 2 credit course uses both lecture and laboratory covering the theory and practice of essential physical therapy skills that include electrotherapeutic modalities and soft tissue massage.

To: This 3 credit hour course introduces students to teaching and learning principles through the application of physical, thermal, and mechanical modalities and therapeutic interventions. Therapeutic interventions include activities to improve joint and mus

If Yes Rationale: The increase in credit hours and the shifting of content into this course precludes a change in the catalog description.

Request for Graduate Course Change - Page 3

Change in COURSE CREDIT HOURS: ☒ YES ☐ NO If YES, fill in below:

NOTE: If credit hours increase/decrease, please provide documentation that specifies the adjusted work requirements.

From: 2 credits

To: 3 credits. The increase in credit hours is needed in order to provide enough contact time to cover the new material being added to the course. For example, content from the therapeutic exercise portion of PT 721 is being added into this course as well as teaching and learning objectives. Please refer to the attached syllabus.

Change in COURSE CONTENT: ☒ YES ☐ NO

From: The course currently contains physical,thermal, and mechanical modalities.

To: The physical, thermal, and mechanical modalities will continue to be taught and in addition there will be additional course objectives added to this course including therapeutic exercise and teaching and learning.

Rationale: All of the content being covered in separate courses makes it difficult for students to incorporate this knowledge. Since all of the content could fall under therapeutic interventions, the faculty feel that this change will allow students to consolidate all the information into appropriate application. Additionally, the current delivery of teaching and learning provides students with theory but fails to provide students with application. The faculty feel that instructing appropriate interventions will provide students the opportunity to develop these skills.

Request for Graduate Course Change-Page 4

College: COHP

Department: School of PT

Course Number/Title PT 732 Therapeutic Interventions

1. REQUIRED COURSE: If this course is required by another department(s), identify it/them by name and attach the written notification you sent to them announcing to them the proposed change and any response received. Enter NOT APPLICABLE if not applicable.

Not Applicable

2. COURSE DELETION: List any courses that will be deleted because of this change. A *Course Deletion* form is also required. Enter NOT APPLICABLE if not applicable.

PT 753: Professional Practice II
Additionally, PT 721 Applied Ex Phys and Ther Ex in Rehab will be modified by eliminating one credit hour.

3. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials as a result of this change, attach an estimate of the time and cost etc. required to secure these items. (NOTE: approval of this form does not imply approval for additional resources. Enter NOT APPLICABLE if not applicable.

Not Applicable

Request for Graduate Course Change - Page 5

Please insert in the text box below your course change summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings) based on the appropriate change:

COURSE DESCRIPTION CHANGE	COURSE NUMBER CHANGE	COURSE TITLE CHANGE
Department:	Department:	Department:
Course Number and Title:	Current Course Number/Title:	Current Course Number/Title:
Rationale:	New Course Number:	New Course Title:
Course Description (old)	Rationale:	Rationale:
Course Description: (new)	Catalog Description:	Catalog Description:
Catalog Description:	Credit hours:	

COURSE DESCRIPTION CHANGE
Department:
School of Physical Therapy
Course Number and Title:
PT 732 Therapeutic Interventions
Rationale:
There is new material being shifted into this course which does effectively change the description of the course.
Course Description (old):
This 2 credit course uses both lecture and laboratory covering the theory and practice of essential physical therapy skills that include electrotherapeutic modalities and soft tissue massage.
Course Description: (new):
This 3 credit hour course introduces students to teaching and learning principles through the application of physical, thermal, and mechanical modalities and therapeutic interventions. Therapeutic interventions include activities to improve joint and muscle mobility, muscle strength, cardiopulmonary, and neuromuscular function.
Catalog Description:
This 3 credit hour course introduces students to teaching and learning principles through the application of physical, thermal, and mechanical modalities and therapeutic interventions. Therapeutic interventions include activities to improve joint and muscle mobility, muscle strength, cardiopulmonary, and neuromuscular function.

COURSE TITLE CHANGE
Department:
School of Physical Therapy
Current Course Number/Title:
PT 732 Clinical Skills II
New Course Title:
PT 732 Therapeutic Interventions
Rationale:

New

Course Title/Number	**PT 732 Therapeutic Interventions**
Semester/Year	**Spring 2016**
Days/Time	**Tuesday and Thursdays 2:00 pm – 5:00 pm** **75 classroom hours (60 Lab/15 Lecture)**
Location	**SMEC Room 113**
Course Coordinator/Instructor	Saurabh Mehta, PT, PhD
Office	SMEC Room 129
Phone	304-696-5620
E-Mail	mehtas@marshall.edu
Office/Hours	by appointment
Additional Instructor	Neil Evans, PT, DPT, OCS, CSCS
Office Phone	304-696-5617
E-Mail	evansn@marshall.edu
Additional Instructor	Rania Karim, PT, DPT, GCS, CEEAA
Office Phone	304-696-5604
E-Mail	karimr@marshall.edu
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy be going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to http://www.marshall.edu/academic-affairs/?page_id=802 Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

Credit Hours: 3 hours (75 contact hours)

Course Description: This 3 credit hour course introduces students to teaching and learning principles through the application of physical, thermal, and mechanical modalities and therapeutic interventions. Therapeutic interventions include activities to improve joint and muscle mobility, muscle strength, cardiopulmonary, and neuromuscular function.

1). Demonstrate the ability to competently carry out exercise testing, and assessment and develop and carry out an exercise plan for patients referred to physical therapy including: a) The ability to recognize signs/symptoms of patients in which exercise should be deferred, delayed or terminated. b) The ability to administer a	CC-5.30	Reading Assignments Lecture Laboratory Examples/Practice	Written Exam Laboratory Cases Laboratory Report Lab Check-offs

submaximal graded exercise test; and measuring heart rate and blood pressure. c) The ability to interpret test results. d) The ability to determine a diagnosis for which the patient will receive physical therapy and develop an exercise program; or determine the need to refer the patient to another health professional for further evaluation and treatment. e) The ability to provide specific written modification for an age appropriate exercise prescription (e.g., child, adolescent, geriatric).			
2)Discuss the neuromuscular system's response to exercise, including: a) The physiological adaptations that occur with prolonged bed rest and resistance exercise. b) The theories of muscle fatigue and delayed onset muscle soreness following exercise. c) The changes in strength and endurance as a result of specific exercise programs. d) The changes in muscle fiber composition and myosin heavy chain transformation as a result of specific exercise programs.	CC-1	Reading assignments Lecture Outside research articles	Written Exam
3)Identify in writing and demonstrate in laboratory, the aspects of a comprehensive, individualized health-fitness assessment and community wellness screening and exercise treatment plan including: a) Identity use of a health history to determine cardiovascular disease risk factors.	CC- 5.30; 5.51	Reading assignments Lecture Laboratory Examples/Practice	Written Exam Laboratory Report

b) Identity evaluation of aerobic capacity, strength, and flexibility. c) Identify and develop a comprehensive exercise plan.			
4) Discuss and implement the various types of resistance training in a laboratory setting or case scenario as appropriate throughout the lifespan including. • Isometric • Isotonic concentric • Isotonic eccentric • Isokinetic		Reading assignments Lecture Laboratory Examples/ practice Case Studies	Written examination Case study Laboratory assignments Laboratory Check-offs
5) Discuss and implement exercises specific to balance training in a laboratory setting and case scenario as appropriate.		Reading assignments Lecture Laboratory Examples/ practice Case Studies	Written examination Case study Laboratory assignments
6) Discuss and implement appropriate peripheral joint mobilizations in a laboratory setting and case scenario as appropriate, citing appropriate contraindications and precautions that may be present.		Reading assignments Lecture Laboratory examples/ practice Case Studies	Written examination Case study Laboratory assignments
7) Design and safely perform an appropriate exercise program for a patient using a case history on a fellow student, incorporating flexibility techniques, ROM techniques, strengthening techniques, and neuromuscular re-education techniques when appropriate.		Reading assignments Lecture Laboratory examples/practice Case Studies	Written examination Case study Laboratory assignments Laboratory Check-offs
8) Document appropriate skilled interventions demonstrating safe and effective techniques as indicated in each of the case studies presented.		Case Studies	Case Studies Laboratory Check-offs
9) Recognize indications for Active, Active-Assist, and Passive Range of Motion and demonstrate correct employment of each technique	CC-5.39a	Reading assignments Lecture/class discussion Case studies	Written Examination Case Study Laboratory assignments

		Demonstration/Lab experiences	
10) Recognize and implement safety precautions and direct examinations to improve safety and reduce risk of injury and infection in the clinical setting.	CC 5.43	Reading assignments Lecture/class discussion Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills	Class Participation Written Examination Mini Skills Check-offs Clinic Documentation Clinic Visit Skills Performance Quizzes
11) Demonstrate effective skills in applying appropriate intervention techniques: therapeutic massage as appropriate, electrotherapeutic modalities, physical agents and mechanical modalities throughout the lifespan.	CC-5.39	Reading assignments Lecture/class discussion Case studies (including small group discussions about case studies)Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills Peer grading	Class Participation Written Examination Mini Skills Check-offs Quizzes
12) Discuss the roles of learning styles, adherence variables and predictors, communication styles, and health literacy and beliefs in planning successful learning experiences in patient and health education.	CC-5.41,5.50, 5.51,5.52	Lecture Small group discussions	Exam questions Assignment
13) Compare and contrast adult learning with that of a child as well as basic principles of educating diverse populations.	CC-5.17, 5.18, 5.26,5.41	Lecture Small group discussions Experiential lab	Exam questions Assignment
14) Devise and implement an effective, patient-centered education plan of care with the outcome of increasing patient adherence and empowerment.	CC-5.9,5.26,5.34, 5.35,5.41	Lecture Small group discussions Experiential lab	Exam questions

15) Apply the concepts of program evaluation to the development, implementation, and evaluation of quality improvement measurements and patient outcomes assessments.	CC-5.12,5.13, 5.45, 5.46, 5.47,5.48	Lecture Small group discussions	Exam questions

Required Texts, Additional Reading, and Other Materials

1. Cameron, M.H. (2013). *Physical Agents in Rehabilitation: From Research to Practice.* (4th ed.) Elsevier Saunders Publications.
2. Kisner, K, Colby, LA. Therapeutic Exercise: Foundations and Techniques, 6th ed. F.A. Davis, Philadelphia, PA. 2012
3. Plack M and Driscoll M. *Teaching and Learning in Physical Therapy from Classroom to Clinic.* 2011. Thorofare, NJ. SLACK Incorporated
4. Other handouts as provided.

Some components of the Physical Therapist's Essentials "PT Kit" will be required.

Kit includes:	Stethoscope	Cloth measuring tape
	Sphygmomanometer (adult cuff)	Reusable pen light
	Taylor percussion hammer (reflex hammer)	Stop Watch
	Lister bandage scissor	Pulse Oximeter

Course Requirements

Class participation is demonstrated by timely completion of all assigned readings and/or written homework assignments prior to the class for which they are assigned. Points for class preparation, participation, and presentation will be based on the student's individual performance during each scheduled class session or clinical visit.

Other assignments may include but are not limited to: documentation, skill check offs, outside homework assignments, and pre-class quizzes.

Grading Criteria:

3 Exams (15% each)	45%
10 pre-class quizzes	15%
2 Skill check offs (15% each)	30%
HEP project	10%

SOPT Grading Policy:

89.50 – 100	A
79.50- 89.49	B
69.50-79.49	C
<69.50	F

Attendance Policy: Please see the School of Physical Therapy Student Handbook for details.

Tentative Course Schedule

Date	Content	Required Prior to Class	Assessment
Week 1	Introduction to Modalities Introduction to Therapeutic Interventions Introduction to Teaching and Learning		
Week 2	Cryotherapy/Thermotherapy Increasing Mobility		Quiz on Bb
Week 3	Therapeutic Massage/ Advanced massage techniques		Quiz on Bb
Week 4	Ultrasound		Quiz on Bb
Week 5	PNF		Exam 1
Week 6	Aerobic Conditioning		Skill Check off
Week 7	Principles of Muscle Recruitment and Neurophysiology		Quiz on Bb
Week 8	Electrical Stimulation for muscle contraction Increasing strength		Quiz on Bb
Week 9	Electrical Stimulation for pain		Quiz on Bb
Week 10	Muscle Adaptation to Training		Exam 2
Week 11	Mechanical Modalities		Quiz on Bb
Week 12	Increasing balance		Quiz on Bb
Week 13	UV, LASER, Diathermy		Quiz on Bb
Week 14	Aquatics and Whirlpool		Quiz on Bb Project DUE
Week 15	Using technology to help with teaching Special Considerations		Skill Check off
Week 16			Final Exam

Old

Course Title/Number	**PT 732-Clinical Skills II**
Semester/Year	**Spring 2013**
Days/Time	**Tuesdays 1-4pm, Thursdays 10-12** **45 classroom hours (35.5 Lab/9.5 Lecture)**
Location	**SMEC Room 111**
Course Coordinator/Instructor	Tamara N. Gravano, PT, DPT, GCS
Office	SMEC Room 135
Phone	304-696-5616
E-Mail	Gravano@marshall.edu
Office/Hours	Tuesday and Wednesday 10-12 and by appointment
Additional Instructor	Neil Evans, PT, DPT, OCS
Office	SMEC 133
Phone	304-696-5617
E-Mail	Evansn@marshall.edu
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy be going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to http://www.marshall.edu/academic-affairs/?page_id=802 Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

Course Description: From Catalog

This 3 credit course uses both lecture and laboratory covering the theory and practice of essential physical therapy skills, including clinical decision making methodology, modalities, and safe patient handling techniques of positioning, bed mobility, transfers, and use of assistive devices.

Course Student Learning Outcomes **Upon Completion of this course, the student will:**	**How Practiced in this Course**	**How Assessed in this Course**
1) Collect appropriate health information from a patient or client's medical record, subjective history, and data from quantitative and qualitative tests/measures necessary to formulate a complete physical therapy evaluation, diagnosis, and prognosis. (CC 5.28-5.34)	Reading assignments Lecture/class discussion Case studies (including small group discussions about case studies) Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills	Class Participation Written Exam Mini Skills Check-offs Clinic Documentation Clinic Visit Skills Performance
2) Perform a complete patient/client examination in a safe and efficient manner. (CC 5.35)	Reading assignments Lecture/class discussion Case studies (including small group discussions	Written Examination Mini Skills Check-offs Clinic Documentation Clinic Visit Skills

	about case studies) Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills	Performance
3)Effectively and efficiently evaluate and perform dependent and assisted mobility skills with patients and/or caregivers. (CC 5.30: d,i)	Reading assignments Lecture/class discussion Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills	Class Participation Written Examination Mini Skills Check-offs Clinic Documentation Clinic Visit Skills Performance
4) Evaluate basic aspects of correct wheelchair fit and functional mobility under various conditions with regard to the lifespan. (CC 5.30 d,i)	Reading assignments Lecture/class discussion Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills	Written Examination Mini Skills Check-offs Clinic Documentation Clinic Visit Skills Performance
5) Recognize and implement safety precautions and direct examinations to improve safety and reduce risk of injury and infection in the clinical setting. (CC 5.43)	Reading assignments Lecture/class discussion Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills	Class Participation Written Examination Mini Skills Check-offs Clinic Documentation Clinic Visit Skills Performance Quizzes
6) Demonstrate effective skills in applying appropriate intervention techniques: therapeutic massage as appropriate, electrotherapeutic modalities, physical agents and mechanical modalities throughout the lifespan. (CC-5.39)	Reading assignments Lecture/class discussion Case studies (including small group discussions about case studies) Demonstration/Lab experiences Peer teaching of didactic information and psychomotor skills Peer grading	Class Participation Written Examination Mini Skills Check-offs Quizzes

Required Texts, Additional Reading, and Other Materials

1. Minor M, Minor S. *Patient Care Skills.2010 (*6th ed) Norwalk, CT: Pearson. **(Required)**
2. Cameron, M.H. (2013). *Physical Agents in Rehabilitation: From Research to Practice.* (4th ed.) Elsevier Saunders Publications. **(Required)**
3. Pierson FM, Fairchild SL (2008). *Principles and Techniques of Patient Care.* (4th Ed). St. Louis, MO, Saunders Elsevier. (Optional)
4. Other handouts as provided.

All components of the Physical Therapist's Essentials "PT Kit" will be required.
Kits and individual components will be provided by the SOPT.

Kit includes:
- 54" gait belt
- 6 & 12" goniometer
- Dual head stethoscope
- Sphygmomanometer (adult cuff)
- Taylor percussion hammer (reflex hammer)
- Lister bandage scissor
- Cloth measuring tape
- Reusable pen light
- Stop Watch
- Pulse Oximeter

Course Requirements

Class participation is demonstrated by timely completion of all assigned readings and/or written homework assignments prior to the class for which they are assigned. Points for class preparation and participation will be based on the student's individual performance during each scheduled class session and clinical visit.

Other assignments may include but are not limited to: documentation from clinic visits and professionalism demonstrated during peer.and instructor interactions is factored into your final grade.

A portion of the grades earned for performance and documentation during Clinic Visits will also be reflected in the overall course grades.

See Course Schedule Below for due dates

Grading Criteria:

(2) Written Exams; Mid-Term (20%), Final (20%)	40%
Mini Skills Check-offs (3)	30%
Clinic Documentation (3)	5%
Clinic Visit Skills Performance (3)	5%
Modalities Quizzes (3)	15%
Modalities Lab Questions (5)	5%
	***100 %**

Attendance Policy: Please see the School of Physical Therapy Student Handbook for details.

Course Schedule

Week	Content	Required Prior to Class
1 Tues 1/15	Course Intro; Bed Mobility and Transfers I (Lecture and Lab)	M&M Ch 5&8
Thur 1/17	Bed Mobility and Transfers II (Lab)	M&M Ch 5&8
2 Tues 1/22	Human Movement II – Dr. Rine	See syllabus for PT 712 Lecture attire
Thur 1/24	Transfers Infection Control; Universal Precautions (Lecture and Lab) Meet in St. Mary's School of Nursing Lobby	M&M Ch 3;

3 **Tue 1/29**	Wheelchair Management (Lecture and Lab)	M&M Ch 7
Thur 1/31 **10-1pm**	**Hospital visit- Chart review and Transfers** **Each student assigned 1 hr time slot**	**Wear Clinic Attire**
4 **Tue 2/5**	Gait with Assistive Devices I; (Lecture and Lab)	M&M Ch 9 *Hospital Visit doc. due*
Thur 2/7	Gait and Wheel Chair Management (Lab)	M&M Ch 9
5 **Tues 2/12**	Gait on Stairs and uneven surfaces with AD (lab)	M&M Ch 9
Thur 2/14 **10-1**	Mobility Skills check off 1 Each student assigned one 20 min time slot (3 graders)	**Wear Clinic attire**
6 **Tue 2/19**	Mobility Skills check off 2 Each student assigned one 20 min time slot (3 graders)	**Wear Clinic attire**
Thur 2/21 **10-1pm**	**Hospital/clinic visit- GT w/AD** **Each student assigned 1 hr time slot**	**Wear Clinic attire**
7 **Tues 2/26**	Therapeutic Massage (Lecture and Lab) Lab attire	Reading on Black Board (Andrade: pp 153-213, 307-395)
Thur 2/28	Dead Day	Hospital Documentation due
Fri Mar 1	**Midterm Exam (Time TBA)**	
8 **Tue 3/5 &** **Thur 3/7**	**Spring Break Week No Class**	
9 **Tue 3/12**	Inflammation and Tissue Repair Pain Gating	Cameron Chapters 3 &4
Thur 3/14	Tone Abnormalities Motion Restrictions	Cameron Chapters 5 &6
10 **Tue 3/19**	Thermal Agents: Cold and Heat Ultrasound	**Cameron Chapters 7, 8, & 9** **Quiz #1**
Thur 3/21	**Hospital Visit, Live Patient Evaluation for Presentation** **Each Student Assigned 1 hr time slot**	**Bring lab coat, badge,** **Eval equip.**
Fri 3/22 **(if nec)**	**Hospital Visit, Live Patient Evaluation for Presentation** **Each Student Assigned 1 hr time slot**	**Bring lab coat, badge,** **Eval equip.**
11 **Tue 3/26**	**LAB #1: Thermal Agents LAB**	**Therapeutic Modalities Lab Manual**
Thur 3/28	UV, LASER, Diathermy	Cameron Chapters 10, 15, & 16
12 **Tue 4/2**	**LAB #2: Ultrasound LAB** **LAB #3: UV, LASER, Diathermy LAB**	Therapeutic Modalities Lab Manual
Thur 4/4	Mechanical Agents: Traction, Compression	Cameron Chapters 18 & 19 **Quiz #2**
13 **Tues 4/9**	**LAB #4: Mechanical Agents: Traction, Compression LAB**	Therapeutic Modalities Lab Manual
Thur 4/11	Electrical Stimulation	Cameron Chapters 11, 12, 13, & 14
14 **Tues 4/16**	**LAB #5: Electrical Stimulation LAB**	Therapeutic Modalities Lab Manual
Thur 4/18	EBP for Modalities	Handouts; Assigned Readings **Quiz #3**
Fri 4/19 @ **1-5PM**	Guest Presentation: Bill Drischoll from Dynatronics	

15 **Tue 4/23**	Open Lab	--- --- --- --- --- ---
Thur 4/25	**Skills check off 3 Students Assigned one 15 min time slot**	
Fri 4/26 **IF NEEDED**	**Skills check off 3 Students Assigned one 15 min time slot**	
16 **Tue 4/30**	Dead Day	
Wed 5/1	**Practical Exam (Graded in Cases Course)**	
Thur 5/2	**Written Final Exams**	
Fri 5/3	**DPT I Clinical Case Presentation Day (Time TBA)**	