

**PT 788: Rehabilitation Considerations in Selected Patient Populations III
Fall 2018**

Course Title/Number	PT 788: Rehabilitation Considerations in Selected Patient Populations III
Semester/Year	Fall 2018
Days/Time	Thursdays *Except where noted Time: 1-4 pm *Except where noted The instructor(s) reserve the right to alter the syllabus or schedule at any time. Students will receive due notification of any changes.
Location	SOPT Room 105
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by 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

<p>Course Coordinator/Instructor: Brad Profitt, PT, DPT, CSCS, DC, CFCE, OCS School of Physical Therapy Office 147 (304) 696-5619 Profitt2@marshall.edu</p>	<p>Course Instructors: Gretchen Pfof PT, DPT, NCS James Dauber PT, DPT, DSc, OCS, SCS</p>
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Catalog Description: Principles of physical therapy management of select patient populations including bariatrics, women’s health, cancer, and selected progressive and chronic diseases.

***Course Description**

Principles of physical therapy management of select patient populations including bariatrics, women’s health, oncology, and selected progressive and chronic diseases. Other special topics to be covered include dry needling and ergonomics. The student must have successfully completed all prior curricular course work.

Credit Hours: 1, total scheduled hours: 17 total contact hours: (16) lecture contact hours, 2 lab contact hours

***Required Text, Additional Reading, and Other Materials**

Goodman CC, Fuller KS, Boissonnault WG. Pathology: Implications for the physical therapist, 3rd ed. Philadelphia: Saunders, 2009.
Umphred DA, Lazaro RT, Roller ML, Burton GU. Neurological Rehabilitation, 3rd ed. St. Louis: Elsevier, 2013.
Additional Readings and Material will be provided for specific cases and topics.

Recommended Materials

None – Lab materials provided.

Computer Requirements

Students must have access to the internet for research of evidence, and Blackboard to access course documents, notes, and other materials.

Program’s Student Learning Outcomes

Upon completion of the DPT in Physical Therapy, students will be able to: Apply to take the National Physical Therapy Examination in order to become licensed to practice Physical Therapy in the US.

The table below shows the following relationships: How each student learning outcomes will be practiced and assessed in the course.

Course Student Learning Outcomes	Students will gain practice to achieve the learning outcome through:	Students will be assessed using the following methods:	CAPTE Curriculum Content
1. Discuss the pathogenesis of many common conditions, including both cellular and clinical presentations of pathology within the realms of: a. Women’s Health and Pelvic Floor Dysfunction b. Diseases and Conditions of the Genitourinary System c. Oncology d. Osteoporosis e. Organ Transplantation	Reading Assignment Case Studies Lecture	✓ Case & Assignments ✓ Exam	CC 1.0 CC 3.0
2. Analyze common pathological conditions within the realms of: Women’s Health, Pelvic Floor Dysfunction, Genitourinary conditions, Oncology, Osteoporosis, and Organ Transplantation and identify when to refer patients to other health care professionals.	Reading Assignments Lecture Case Studies	✓ Exam	CC 1.0, 3.0, 5.20, 5.27, 5.36

Course Student Learning Outcomes	Students will gain practice to achieve the learning outcome through:	Students will be assessed using the following methods:	CAPTE Curriculum Content
3. Discuss ways to modify and monitor physical therapy intervention for patients with pathology within the above medical realms.	Reading Assignments Lecture Lab	✓ Case Assignments ✓ Exam	CC 5.35, 5.36, 5.38, 5.43, 5.51, 5.52
4. Given a case scenario, the student will be able to: a. complete examination, evaluation and develop a plan of care related to areas of workspace design, work hardening for a return to work and functional capacity evaluation b. work with industry personnel in the case management process c. Provide consulting to industry/workplace personnel to maintain/set-up an ergonomically safe workplace.	Readings Case Studies Lecture Discussion	✓ Case Assignments ✓ Exam	CC 5.30 h, x
5. Identify and effectively progress physical therapy interventions to achieve patient goals with regard to use of proper body mechanics in the home and work environments, functional retraining in work and prevention of (re)-injury.	Case studies Peer Assessment Readings Lecture	✓ Case Assignments ✓ Exam	CC 5.39 c, i
6. Describe the theory and evidence behind the use of dry needling as a physical therapy intervention for pain modulation.	Readings Lecture	✓ Exam	CC 5.22, 5.30 p, 5.39 i
7. Recognize patients who may benefit from dry needling and locate common myofascial trigger points using basic physiological and biomechanical principles.	Readings Lecture Lab	✓ Exam	CC 5.30 p, 5.39 i

Course Requirements/Due Dates: See Course Schedule Below for quiz/exam dates

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| <ol style="list-style-type: none"> 1. Case Studies & Assignments – Written, Discussion and Presentation 2. Written examinations 3. Lab and Class participation |
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Grading Policy

Exams (2 @ 25% each)	50%	Grading Criteria:	
Ergonomic Consult	15%	89.50%-100%	A
Patient Resources Assignment	10%	79.50%-89.49%	B
Interview & Reflection	10%	69.50%-79.49%	C
Presentation	10%	<69.50%	F
Participation	5%		

Exams will be provided in a paper format with Scantron, where applicable, for the purposes of statistical analysis. Students may make an appointment with the course instructor(s) to view exam. Any refuting of examination questions must be handled in a professional manner and preferably in a written format within 24-48 hours of viewing the exam results. No make-up exams will be given unless you are absent for a justifiable reason (i.e., death in family, illness), with appropriate documentation. Late submission of assignments will result in a zero '0.'

Participation will be graded on the 5 following items: Punctuality, Professionalism, and Interaction in small group discussion, ACTIVE lab participation and Preparedness.

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

***Course Outline, including due dates for major projects:** The following topics will be covered.

Student's successful completion of this class will be determined by the completeness and participation in the group sessions as well as the final exam, and successful completion of ALL assignments. The Tentative Course Schedule is as follows:

Date	Topic	Readings	Instructor
X/X/18 (Tu) 1:00-3:00	Lecture: Dry Needling Theory and Concepts		Dauber (2 hr lecture)
X/X/18(Th) 1:00-3:30	Lecture: Ergonomics, Work Hardening & Work Space Design		Profitt (2 hr lecture, .5hr lab)
X/X/18 (W) 1:00-4:00	Lecture: PT Management following Organ Transplant	Goodman Ch 21	Bose (3 hr lecture)
X/X/18 (Th) 1:00-2:00	Written Exam I: Dry Needling, Ergo/work space, Organ Transplant,		Profitt (1 hr)
X/X/18 (F) 10:00–12:00 1:00-5:00	Lecture/Lab: Women's Health	Goodman Chs 19 & 20 Umphred Ch 29	Marnie Clemens, PT, DPT, OCS, WCWS, FAAOMPT (4.5 hr lecture, 1.5 hr lab)
X/X/18 (Tu) 1:00-3:30	Lecture: Oncology Rehabilitation	Goodman Ch 9	Pfost (2.5 hr lecture)
X/X/18 (Tu) 1:00-2:00	Written Exam II: Women's health, Oncology, Yoga,		Profitt (1 hr)

Please see Assignment Addendum.