



TEMPLE
UNIVERSITY

College of Health Professions
Department of Physical Therapy
Doctor of Physical Therapy Program
Transition
Course Descriptions

DPT 8573: Diagnostic Imaging/Pharmacology - 3 Credit Hours

The first part of this 2-part course focuses on a basic understanding, interpretation, and application of data derived from a variety of imaging techniques. Specific emphasis will be placed on the usefulness of this data in the establishment of a differential diagnosis, prognosis, and intervention for patients with musculoskeletal, cardiopulmonary, and neurological conditions. The second portion of the course serves as a basic introduction to Pharmacology as it relates to the practice of Physical Therapy. Pharmacokinetics, indications and contraindications of various drugs are presented relative to their effect on diagnosis, prognosis, and interventions in Physical Therapy.

The required texts for this course are:

- Erkonen W.E. and Smith W.L. Radiology 101: The Basics and Fundamentals of Imaging. 2nd Ed. Lippincott Williams & Wilkins, Philadelphia, 2005. ISBN# 0-7817-5198-5.
- Ciccone, C.D. Pharmacology in Rehabilitation. FA. Davis, Philadelphia, Fourth edition 2007. ISBN-13: 978-0-8036-1377-5; ISBN-10: 0-8036-1377-6.