THE DAEMEN COLLEGE TDPT PROGRAM CURRICULUM

Required Core Courses:
- Clinical Pharmacology (3 credits)
- Differential Diagnosis in Physical Therapy (5 credits)
- Evidence Based Practice (2 credits)
- Management and Administration (3 credits)
- Principles of Professional Practice (2 credits)

Discipline Specific (may be required):
- Cardiopulmonary Health & Wellness (3 credits)
- Integumentary System (2 credits)
- Musculoskeletal System (5 credits)
- Neuromuscular System (5 credits)

Program Faculty
Pam Bartlo PT DPT CCS
Susan Bennett PT EdD NCS
Mike Brogan PT PhD
Charles Ciccone PT PhD
Laura Edsberg PhD
Greg Ford PT DPT MS OCS
Mary Rose Franjoine PT DPT MS PCS
Jody Gandy PT PhD
Joan Gunther PT PhD
Jennifer Gurski MD
Sharon Held PT DPT MS PCS
Cara Innus MPAS RPA-C
Richard Johnston PT MA
Allyson Kirk MPAS RPA-C

Theresa Kolodziej PT DPT MS
Margaret Mazzone PT MS
Kirsten Nielsen PT PhD
Tamara Owen PT ATC MS MBA
Joel Patterson RPA-C
Jennifer Priore PT DPT MS
Ron Schenk PT PhD OCS FAAOMPT
Gregg Shutts RPA-C MS
Jeff Slear PT CES
Keith Taylor PT PhD
Mary Jean Taylor MA PT PCS
Steven Tepper PT PhD
Laurie Walsh PT JD

ENROLLMENT
Courses may be taken in a matriculated or non-matriculated manner; however, no more than five credits associated with the transitional Doctor of Physical Therapy program can be taken as a non-matriculated student.

Tuition is based on institutional graduate credit fees. Financial Aid as a Graduate Student is available. Our Financial Aid Office will assist all matriculated students as needed.

For more information and/or to register, contact Theresa Kolodziej, Director of the Daemen College Transitional Doctor of Physical Therapy Department at 716-839-8412 or by email: tkolodzj@daemen.edu.

DAEMEN COLLEGE
4380 Main Street
Amherst, New York 14226

Daemen College reserves the right to cancel or change the course for due cause. Cancellation will result in a full tuition refund. Participant cancellation will also result in full tuition refund.
**PT 704 – MUSCULOSKELETAL SYSTEM (5 CREDITS)**

**January 9-11 and January 23-25, 2009**

**Course Description:**

Differentiating musculoskeletal dysfunctions/disorders of the spine and upper and lower extremities, and their associated structures is the emphasis of this course. Students will further develop the concepts of decision-making and critical thinking in evidence-based clinical practice. Musculoskeletal examination and treatment techniques, including spinal and extremity manipulation, will be presented and applied in a conceptual framework emphasizing functional restoration, health, and wellness. Laboratories will promote development of skill in the application of examination and intervention techniques discussed in a lecture format. Techniques will be discussed and practiced in the context of clinical problems. Students will have the opportunity to critically evaluate examination findings via paper cases to further build differential diagnosing and problem-solving skills as they relate to current practice standards. Contemporary perspectives to surgical management will be presented and explored by regional experts in the field.

Course hours are 8:00-6:00 on January 9-10 and January 23-24, and 8:00-1:00 on January 11 and January 25. Independent student learning experiences will be completed to fulfill course credit requirements. Required course materials and pre-course readings will be provided upon registration.

**PT 703 – DIFFERENTIAL DIAGNOSIS II (2.5/5.0 CREDITS)**

**February 20-22, 2009**

**Course Description:**

This course is an integration of musculoskeletal, neuromuscular, integumentary and cardiopulmonary pathologies that require physical therapy management. Key topics characteristic of common pathologies (the etiology, epidemiology, underlying pathophysiology, clinical signs and symptoms related to impairments, functional limitations, disabilities, prognosis, diagnosis, medical, and surgical management) will be discussed. Reading and interpreting laboratory analysis, radiographs and images related to differential diagnosis will be integrated in case presentations. Topics for discussion will also include practice setting specific diagnostic principles and examination techniques as they relate to individuals across their life span. Knowledge of other general medical disorders of the endocrine, genital-urinary, and gastrointestinal systems, as well as specialty areas such as oncology, HIV/AIDS, TB, and Hepatitis, will be presented with emphasis on systems review for differential diagnosis.

*Prerequisite: Differential Diagnosis I. Lecture and laboratory components are required. Lab clothes (shorts & tank tops) will be needed. Course hours are 8:00-6:30 on February 20-21, and 8:00-1:00 on February 22. An independent student learning experience will be completed to fulfill course credit requirements. Required course materials and pre-course readings will be provided upon registration.

**PT 708 – NEUROMUSCULAR SYSTEM (5 CREDITS)**

**March 13 & 14 plus March 27 & 28, 2009**

**Course Description:**

Clinical decision making and critical thinking in evidence based clinical practice during all phases of patient/client management for individuals with neuromuscular dysfunction will be discussed. Key theoretical and functional principles and applications of neuroanatomy, neurophysiology, psychology, lifespan development, and motor control/learning will provide the foundational knowledge for movement and related disorders seen in neuromuscular patient populations, as well as, for clinical examination (including nerve conduction and electromyography), standardized outcome assessment, evaluation and differential diagnosis, and prognosis and intervention planning and therapeutic techniques. Models of motor control, major principles related to motor learning, contributions of information processing and memory, and contemporary research evidence will be integrated into clinical practice as a means toward optimizing skill acquisition for a wide variety of clinical diagnoses and as strategies to optimize motor control across the life span. Options and applications of assistive technology (including orthotics and other equipment/devices), as well as, fitness and prevention will be discussed in this course.

Course hours are 8:00-6:00 on all four days. Independent student learning experiences will be completed to fulfill course credit requirements. Required course materials and pre-course readings will be provided upon registration.

**PT 710 – MANAGEMENT & ADMINISTRATION (3 CREDITS)**

**April 17-19, 2009**

**Course Description:**

A broad survey of topics essential to the administration and management of physical therapy services will serve as the framework for this course. Topics covered will include: leadership models and practice, ethical dilemmas and problem solving, professional compliance and regulatory issues, liability and risk management, quality assurance, planning and fiscal considerations, marketing and public relations, personnel management, information management and documentation, and outcomes assessment.

Course hours are 8:00-6:00 on April 17-18 and 8:00-4:00 on April 19. An independent student learning experience will be completed to fulfill course credit requirements. Required course materials and pre-course readings will be provided upon registration.