



# *Academic Notes*

October 19, 2009

AN 2009-2010

## **SPECIAL NOTICES**

### **CENTER FOR PUBLIC SERVICE AND COMMUNITY ENGAGEMENT COMMUNITY PARTNER AWARD**

The Indiana State University Community Partner Award is presented annually to one or more non-profit organizations, educational institutions, public agencies, or private/corporate organizations that have contributed to the experience of Indiana State University students through the development and sustenance of a lasting partnership. This award recognizes organizations that have impacted student learning and faculty teaching and scholarship.

For more information and nomination forms visit our website at [http://www.indstate.edu/publicservice/Community\\_Partner\\_Award.htm](http://www.indstate.edu/publicservice/Community_Partner_Award.htm). **Nomination deadline is Monday, November 30, 2009.** Completed nomination forms should be returned to the Center for Public Service and Community Engagement, Tiley Hall, room 134J.

For further information, contact Heather Dalton Miklozek at [heather.miklozek@indstate.edu](mailto:heather.miklozek@indstate.edu)

### **FACULTY AWARD FOR COMMUNITY-BASED LEARNING AND SCHOLARSHIP**

The Faculty Award for Community-Based Learning and Scholarship is presented annually to one or more full-time faculty members at Indiana State University who have made serving the community an integral part of their academic goals and activities.

For more information and nomination forms visit our website at [http://www.indstate.edu/publicservice/Faculty\\_Award\\_Community-Based\\_Learning.htm](http://www.indstate.edu/publicservice/Faculty_Award_Community-Based_Learning.htm). **Nomination deadline is Monday, November 30, 2009.** Completed nomination forms should be returned to the Center for Public Service and Community Engagement, Tiley Hall, room 134J.

For further information, contact Heather Dalton Miklozek at [heather.miklozek@indstate.edu](mailto:heather.miklozek@indstate.edu)

### **FACULTY DISTINGUISHED SERVICE AWARD**

The Faculty Distinguished Service Award recognizes distinguished service outside the classroom to the university, students, professional organizations, and the community.

For more information and nomination forms visit our website at [http://www.indstate.edu/publicservice/Faculty\\_Distinguished\\_Service\\_Award.htm](http://www.indstate.edu/publicservice/Faculty_Distinguished_Service_Award.htm). **Nomination**

**deadline is Monday, November 30, 2009.** Completed nomination forms should be returned to the Center for Public Service and Community Engagement, Tirey Hall, room 134J.

For further information, contact Dr. Catherine Stemmans at [cat@indstate.edu](mailto:cat@indstate.edu)

### **PRESIDENT'S AWARD FOR CIVIC AND COMMUNITY LEADERSHIP**

The President's Award for Civic and Community Leadership is presented annually to an undergraduate student at Indiana State University who has made community and civic engagement integral to her/his college experience.

For more information and nomination forms visit our website at [http://www.indstate.edu/publicservice/Presidents\\_Award\\_Civic\\_Community\\_Leadership.htm](http://www.indstate.edu/publicservice/Presidents_Award_Civic_Community_Leadership.htm). **Nomination deadline is Monday, November 30, 2009.** Completed nomination forms should be returned to the Center for Public Service and Community Engagement, Tirey Hall, room 134J.

For further information, contact Heather Dalton Miklozek at [heather.miklozek@indstate.edu](mailto:heather.miklozek@indstate.edu)

### **ACADEMIC NOTES PUBLICATION SCHEDULE FOR FALL 2009**

**Below is the circulation schedule for the electronic copy of *Academic Notes* through December 14, 2009. All submissions for inclusion in Academic Notes are due in the Office of Academic Affairs no later than 10:00 a.m. on the Wednesday prior to the distribution of Academic Notes on the following Monday. Submissions must be in hard copy along with an e-mail, disk, or CD with the same information. The electronic version must be formatted either in Word with pages with signatures scanned and inserted as a picture OR PDF saved as text and image. (Do NOT send PDF just saved as an image.) Information submitted to Academic Notes that is not accompanied by an electronic version or that is incomplete or unusable will be returned to the appropriate office.**

**Academic Notes is available using Acrobat Reader at [http://www.indstate.edu/academicaffairs/academic\\_notes.htm](http://www.indstate.edu/academicaffairs/academic_notes.htm)**

### **ACADEMIC NOTES PUBLICATION SCHEDULE FOR FALL 2009**

<b><u>Deadline for Items</u></b>	<b><u>Issue Date</u></b>
October 21	October 26
October 28	November 2
November 4	November 9
November 11	November 16
November 18	November 23
November 25	November 30
December 2	December 7
December 9	December 14

# ACALOG NOTE

The format for curriculum proposals has changed to correspond with the structure of Acalog, the new version of the electronic catalogs. Some proposals will be published under the old structure and some under the new structure during this transition period.

## Improved Electronic Catalog

The new electronic version of the undergraduate catalog is posted at

<http://www.indstate.edu/academics/catalogs.htm> Some advantages of the new format are:

- It is easily searchable and searchable from the internet
- It is easier for students and advisors to find and choose the courses students need
- Students create a personal portfolio of courses in which they are interested
- Links to information such as department web sites, advising information, and video clips can easily be added
- Every page can easily be printed.

If you have questions, please contact Academic Affairs, extension 3662.

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# GRADUATE PROPOSALS

## NEW COURSES

### COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

#### **PASS 500X – Health Care Experience**

1 credit

This course offers experiential learning in a clinical setting for unlicensed persons. Supervised patient interactions in a variety of clinical settings designed to assess one's ability to be in the clinical environment.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

#### **PASS 610 – Bioscience**

4 credits

A comprehensive review of human anatomy and physiology integrating biochemistry and microbiology with an emphasis on cellular foundations for the diagnosis and treatment of human illness.

**Prerequisites:** Admission to the Physician Assistant Program

**Co-requisites:** PASS 611, 613, 617

A-F Grading

*Preferred effective term: Fall 2010*

#### **PASS 611 – Physical Diagnosis**

3 credits

To develop the knowledge, attitudes and skills requisite for medical history taking, physical examination, clinical problem solving and diagnostic assessment for persons throughout the lifespan.

**Prerequisites:** Admission to the Physician Assistant Program

**Co-requisites:** PASS 610, 613, 617

A-F Grading

*Preferred effective term: Fall 2010*

#### **PASS 613 – Clinical Science**

3 credits

Clinical nutrition, evidence-based medicine foundations and basic clinical skills with an emphasis on the cellular mechanism for health and illness will be presented. A survey of human genomics is included.

**Prerequisites:** Admission to the Physician Assistant Program

**Co-requisites:** PASS 610, 611, 617

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 617 – Introduction Physician Assistant Practice**

2 credits

This is an exploration of bioethical, legal, and cultural influences in clinical practice. An analysis of health care delivery systems, evidence-based medicine in clinical decision making, and the interdisciplinary approach to ensure quality patient outcomes is included.

**Prerequisites:** Admission to the Physician Assistant Program

**Co-requisites:** PASS 610, 611, 613

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 620 – Clinical Medicine I**

4 credits

The pathophysiology, presenting signs and symptom, diagnosis and management of the most common clinical problems seen in primary care using an organ systems and life stages approach and focusing on orthopedics, endocrinology, gastroenterology, ophthalmology, ENT, and wound management.

**Prerequisites:** PASS 610, 611, 613, 617

**Co-requisites:** PASS 622, 624, 626

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 622 - Specialty Care I**

4 credits

The essentials of diagnosis and management of medicine specialty areas for primary care practitioners, using an organ systems and life stages approach. Cardiology, pulmonology, behavioral medicine, dermatology, and women's health are the areas of focus.

**Prerequisites:** PASS 610, 611, 613, 617

**Co-requisites:** PASS 620, 624, 626

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 624 – Pharmacotherapeutics I**

3 credits

The essentials of basic pharmacological principles and disease process therapeutics are presented. A framework is placed for safe and effective use of medications and point-of-care therapeutics resources.

**Prerequisites:** PASS 610, 611, 613, 617

**Co-requisites:** PASS 620, 622, 626

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 626 – Clinical Management I**

4 credits

Integrating clinical medical knowledge with pharmacotherapeutics and health systems realities into clinical decision making, this course emphasizes a holistic approach to the patient while ensuring safe and appropriate medical care. Co-morbidities, challenges to care delivery, and other patient complexities will be addressed while developing strategies to maximize clinical outcomes.

**Prerequisites:** PASS 610, 611, 613, 617

**Co-requisites:** PASS 620, 622, 624

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 630 – Clinical Medicine II**

4 credits

The pathophysiology, presenting signs and symptom, diagnosis and management of the most common clinical problems seen in primary care using an organ systems and life stages approach and focusing on infectious disease, emergency medicine, neurology, pediatrics, and preventative medicine.

**Prerequisites:** PASS 620, 622, 624, 626

**Co-requisites:** PASS 632, 634, 635, 636

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 632 – Specialty Care II**

3 credits

The essentials of diagnosis and management of the medicine specialty areas for primary care practitioners, using an organ systems and life stages approach. This course focuses on oncology, hematology, nephrology and urology.

**Prerequisites:** PASS 620, 622, 624, 626

**Co-requisites:** PASS 630, 634, 635, 636

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 634 – Pharmacotherapeutics II**

3 credits

The essentials of basic pharmacological principles and disease process therapeutics are expanded to include infectious disease, neurology, oncology, hematology, pediatrics, surgery, and emergency medicine. A framework is set for safe and effective use of medications and the use of point of care therapeutics resources.

**Prerequisites:** PASS 620, 622, 624, 626

**Co-requisites:** PASS 630, 632, 635, 636

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 635 – Applied Research**

2 credits

This course strengthens students' ability to critically evaluate clinical data through the discipline of evidence-based medicine. Students retrieve and analyze best available external clinical evidence from systematic research and be able to present and apply findings for clinical practice.

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 636 – Clinical Management II**

3 credits

Integrating clinical medical knowledge with pharmacotherapeutics and health systems realities into clinical decision making in infectious disease, pediatrics, oncology, and surgery, this course emphasizes a holistic approach to the patient while ensuring safe and appropriate medical care. Developing strategies to maximize clinical outcomes is included.

**Prerequisites:** PASS 620, 622, 624, 626

**Co-requisites:** PASS 630, 632, 634, 635

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 643 – Clinical Skills**

3 credits

This course imparts the professional and technical skills necessary to gain proficiency in knowing when and how to perform a wide range of clinical procedures. Experiential learning for diagnostic and therapeutic procedures in the primary care and emergency medicine context occur.

**Prerequisites:** PASS 630, 632, 634, 635, 636

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 655 – Clinical Project**

3 credits

An independent study course designed to foster a sense of clinical inquiry and carry the process of gathering and presenting evidence-based knowledge through each of its phases culminating in an in-depth analysis of a current clinical issue placed in the context of the local communities served during the clinical year.

**Prerequisites:** PASS 635

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 670 – Family Medicine Rotation**

3 credits

Clinical experience in an office setting designed to build a solid foundation for the evaluation, documentation, diagnosis, and treatment of persons presenting for care in a typical family medicine office practice. The student may have an opportunity to develop proficiency in office procedures commonly performed in a family medicine practice.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 671 – Emergency Medicine Rotation**

3 credits

Clinical experiences in a hospital based emergency department to include the triage, stabilization, treatment and / or transfer of patients with urgent and emergent conditions. Students also learn strategies for interacting with patients, families, and colleagues experiencing various levels of stress.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 672 – General Surgery Rotation**

3 credits

Clinical experiences in a primarily hospital based general surgery service. Comprehensive management of the surgical patient, intraoperative care, informed consent and emerging trends in surgical interventions are included.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 673 – Women’s Health Rotation**

3 credits

An outpatient experience focused on evaluation, diagnosis, treatment and prevention of disease across a woman’s lifespan. Intimate exams, recognition of signs of partner abuse, and sensitive history taking are essential components of this experience.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 674 – Internal Medicine Rotation**

3 credits

A clinical preceptorship focused on the evaluation and treatment of adults presenting for care in an internal medicine practice. Opportunities to integrate the skills necessary to evaluate and manage chronic illness and to perform or assist in procedures common to the practice of internal medicine in hospital and office settings.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 675 – Geriatrics Rotation**

3 credits

Clinical experience in the care of the elderly designed to prepare the student for the evaluation and treatment of geriatric patients with complex problems. Prevention of medical misadventures and sensitivity to quality of life issues will be emphasized. Long term care, hospital, office and home visits are included.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 676 – Behavioral Medicine Rotation**

3 credits

A clinical experience designed to integrate the principles of mental health into the diagnosis and management of persons with acute or chronic mental illness. An emphasis will be on integrating non-pharmacological interventions with the safe and appropriate use of psychoactive pharmaceuticals into the comprehensive care of persons with mental illness.

**Prerequisites:** Approval of clinical coordinator



A-F Grading

*Preferred effective term: Fall 2010*

**PASS 677 – Pediatrics Rotation**

3 credits

A clinical experience in which the student will learn to evaluate and manage pediatric patients presenting for wellness visits or care of acute or chronic illness primarily in an outpatient setting.

Newborn to adolescent care, injury prevention counseling and recognizing the signs of at risk children are included.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 678 – Floating Rotation**

3 credits

A student-selected repeat of a required rotation: behavioral, family, emergency or internal medicine; surgery; women’s health; pediatrics; or geriatrics. The selection allows for a deeper understanding of the complexity of disease processes, clinical management, and spectrum of issues in the chosen field.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 679 – Elective Rotation I**

3 credits

In association with the clinical coordinator, each student will choose two four-week rotations from a list of possibilities: primary care, hospitalist, orthopedics, nephrology, interventional radiology, sports medicine, integrative medicine, among others. Placements will be according to availability.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 680 – Elective Rotation II**

3 credits

In association with the clinical coordinator, each student will choose two four-week rotations from a list of possibilities: primary care, hospitalist, orthopedics, nephrology, interventional radiology, sports medicine, integrative medicine, among others. Each student will select two rotations and be placed according to availability.

**Prerequisites:** Approval of clinical coordinator

A-F Grading

*Preferred effective term: Fall 2010*

**PASS 686 – Clinical Management III**

4 credits

A summative course, designed to integrate clinical experience with the principles of evidence-based medicine, cultural competency, cost-effectiveness analysis and outcomes-based clinical medicine. Systems analysis, reimbursement and funding issues will be addressed. Presentation

of the clinical project occurs during this course.

**Prerequisites:** Approval of clinical coordinator

**Co-requisites:** PASS 687

A-F Grading

*Preferred effective term: Fall 2010*

### **PASS 687 – Physician Assistant Practice Transition**

5 credits

Information required of students as they transition from school to clinical practice. Key areas include PANCE blueprint; certification and licensure maintenance; ethical and legal issues; impaired professionals; cultural competency; community service; leadership development; personal health and wellness.

**Prerequisites:** Permission of course instructor

**Co-requisites:** PASS 686

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 600 - Introduction to Physical Therapy**

2 credits

This course introduces the student to key aspects of a career in physical therapy, such as physical therapy roles, practice settings, the American Physical Therapy Association, and laws, policies, and regulations.

**Prerequisites:** Admission to Doctor of Physical Therapy Program

**Co-requisites:** PHTH 601

A-F Grading

*Preferred effective term: Summer 2011*

### **PHTH 601 – Advanced Human Anatomy**

8 credits

This course introduces the student to advanced concepts of human anatomy and physiology of the body systems in preparation for clinical practice as a physical therapist. This course includes theory and laboratory components.

**Prerequisites:** Admission to DPT program

**Co-requisites:** PHTH 600

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 602 – Physical Therapy Examination**

3 credits

In this course the student is introduced to tests and measures that physical therapists use to gather information about the patient/client. The tests and measures covered include: vital signs, goniometry, manual muscle testing, sensory testing, reflex testing and palpation of surface anatomy.

**Prerequisites:** PHTH 600, 601

**Co-requisites:** PHTH 604, 605

A-F Grading

*Preferred effective term: Fall 2010*

**PHTH 604 – Lifespan Development**

3 credits

This course combines the physiological, neurological, and psychological factors that contribute to the control of voluntary movement and the learning of motor skills over the lifespan. Students learn to recognize components of normal and abnormal development.

**Prerequisites:** PHTH 600, 601

**Co-requisites:** PHTH 602, 605

A-F Grading

*Preferred effective term: Fall 2010*

**PHTH 605 – Clinical Medicine I**

3 credits

The focus of this course is the aspects of physical therapy in acute care management including safety, infection control, and promoting client mobility.

**Prerequisites:** PHTH 600, 601

**Co-requisites:** PHTH 602, 604

A-F Grading

*Preferred effective term: Fall 2010*

**PHTH 610 – Clinical Education I**

5 credits

This course is an intensive 400 hour clinical experience for the physical therapy student. Emphasis is placed on providing professional care under the supervision of a physical therapist. Assignments are designed to provide a variety of client care experiences and build upon the skills introduced during previous course work.

**Prerequisites:** PHTH 620, 621, 622

A-F Grading

*Preferred effective term: Fall 2010*

**PHTH 620 – Applied Neuroscience I**

3 credits

This course focuses on the study of the structure, organization, and function of the nervous system. Emphasis is on the sensory and motor systems involved in motor control and on basic knowledge required for clinical practice as a physical therapist.

**Prerequisites:** PHTH 602, 604, 605

**Co-requisites:** PHTH 621, 622

A-F Grading

*Preferred effective term: Fall 2010*

**PHTH 621 – Pharmacology**

3 credits

This course introduces the student to pharmacological background for the clinical treatment of patients referred to physical therapy. It includes the fundamentals of the actions of drugs, including mechanisms of therapeutic and adverse effects.

**Prerequisites:** PHTH 602, 604, 605

**Co-requisites:** PHTH 620, 622

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 622 – Clinical Medicine II**

3 credits

This course introduces common physical therapy treatment interventions. Topics include integumentary management for wound healing interventions, therapeutic modalities with an emphasis on the healing process and electrical modalities

**Prerequisites:** PHTH 602, 604, 605

**Co-requisites:** PHTH 620, 621

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 700 – Musculoskeletal I**

3 credits

This course covers the examination skills and treatment interventions that apply specifically to the musculoskeletal system. Basic examination skills for all upper peripheral joints and therapeutic interventions are addressed throughout the lifespan.

**Prerequisites:** PHTH 610

**Co-requisites:** PHTH 701, 706, 712

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 701 – Imaging and Diagnostics**

3 credits

This course is an introduction to medical imaging and an overview of its role in the health care delivery system. Topics include an introduction to basic imaging equipment with an emphasis on digital acquisition, quality, and processing. Imaging techniques covered include: X-rays, nuclear medicine, ultrasound, MRI, CT, and PET scans.

**Prerequisites:** PHTH 610

**Co-requisites:** PHTH 700, 706, 712

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 706 – Clinical Medicine III**

3 credits

Mastery of physical therapy subjective and objective examination and treatment intervention for patients of all ages who present with a musculoskeletal problem with emphasis on amputation, prosthetics, upper and lower extremity orthotics, fracture management, and connective tissue disorders. Emphasis will be placed on the most common physical therapy diagnoses.

**Prerequisites:** PHTH 610

**Co-requisites:** PHTH 700, 701, 712

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 710 – Clinical Education II**

5 credits

This is the second intensive 400 hour clinical experience for the physical therapy student. Emphasis is placed on providing professional care under the supervision of a physical therapist. Assignments are designed to provide a variety of client care experiences.

**Prerequisites:** Permission of physical therapy clinical director

A-F Grading

*Preferred effective term: Summer I 2013*

### **PHTH 712 – Applied Neuroscience II**

3 credits

This course focuses on the study of pain, spinal cord injuries, and spinal cord disorders. Emphasis is placed on the physical therapist's role in assessment and providing care as a member of the interdisciplinary team.

**Prerequisites:** PHTH 610

**Co-requisites:** PHTH 700, 701, 706

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 720 – Musculoskeletal II**

3 credits

This course covers the examination skills and treatment interventions that apply specifically to the musculoskeletal system. Basic examination skills for all lower peripheral joints, abnormal gait, and treatment modalities are addressed throughout the lifespan.

**Prerequisites:** PHTH 700, 701, 706, 712

**Co-requisites:** PHTH 721, 723, 724, 725

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 721 – Differential Diagnosis**

3 credits

This course is designed to provide students with the knowledge and clinical tools to medically screen clients for the presence of symptoms and signs that require the expertise of other health care professionals. It focuses on diagnoses that are not covered by common physical therapy practice.

**Prerequisites:** PHTH 700, 701, 706, 712

**Co-requisites:** PHTH 720, 723, 724, 725

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 723 – Special Populations**

3 credits

This course is designed to focus on the special physical therapy needs of children, women, and older adults. The course has an emphasis on acute and chronic disorders for these populations and the role of the physical therapist in providing care.

**Prerequisites:** PHTH 700, 701, 706, 712

**Co-requisites:** PHTH 720, 721, 724, 725

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 724 – Applied Neuroscience III**

3 credits

This course focuses on the study of brain injuries and disorders. Emphasis is placed on the

physical therapist's role in assessment and providing care as a member of the interdisciplinary team.

**Prerequisites:** PHTH 700, 701, 706, 712

**Co-requisites:** PHTH 720, 721, 723, 725

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 725 – Research Methods**

3 credits

An introduction to research in evidence-based physical therapy practice including the research process, reliability/validity, research designs, experimental design principles, writing of a research report and/or research proposal, and statistical concepts for data analysis. Emphasis is placed on clinical research pertinent to evidence-based physical therapy practice.

**Prerequisites:** PHTH 700, 701, 706, 712

**Co-requisites:** PHTH 720, 721, 723, 724

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 800 – Musculoskeletal III**

3 credits

This course covers the examination skills and treatment interventions that apply specifically to the musculoskeletal system. Basic examination skills for the muscles of the back, temporomandibular joint and therapeutic modalities are addressed throughout the lifespan.

**Prerequisite:** PHTH 710

**Co-requisites:** PHTH 801, 841, 891

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 810 – Clinical Education III**

8 credits

This course is the last intensive 640 hour clinical experience for the physical therapy student. Emphasis is placed on providing professional care under the supervision of a physical therapist. Assignments are designed to provide a variety of client care experiences.

**Prerequisites:** PHTH 800, 801, 841, 891

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 841 – Health Care Systems**

3 credits

This course introduces the student to models of health care delivery in various settings. Issues of access, cost, health policy, and the future of health care in the United States are explored, as well as the impact of economic trends that effect the rural and underserved populations.

**Prerequisites:** PHTH 710

**Co-requisites:** PHTH 800, 801, 891

A-F Grading

*Preferred effective term: Fall 2010*

### **PHTH 891 – Scholarly Project**

3 credits

This course focuses on implementation of an evidence-based independent clinical practice model. Students implement a program for improving patient/population health outcomes.

**Prerequisites:** PHTH 710

**Co-requisites:** PHTH 800, 801, 841

A-F Grading

*Preferred effective term: Fall 2010*

## **COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Advanced Practice Nursing**

### **NURS 810 – Community Health Planning**

3 credits

This course provides information on how to conduct a community health assessment identifying appropriate community needs. In addition, program planning to address those needs is discussed using evidence-based practice.

**Prerequisites:** Admitted into the Doctor of Nursing Program.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 822 – Organizational Informatics**

3 credits

This course focuses on information technology and its application in the underserved and rural healthcare settings with emphasis on analysis, implementation and selection related to ethical, regulatory, and legal issues.

**Prerequisites:** Admitted to the College of Graduate and Professional Studies or consent of instructor.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 825 – Analytical Methods**

3 credits

Critique and application of research to support advanced nursing practice and to support new models of care delivery using evidence-based practice.

**Prerequisites:** Admitted into the Doctor of Nursing Program.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 840 – Culturally Competent Care**

3 credits

This course explores issues related to interpersonal dynamics, culturally sensitive care, access, and social justice in health care for underserved, rural, and minority populations.

**Prerequisites:** Admitted into the College of Graduate and Professional Studies or consent of instructor.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 842 – Health Policy Leadership**

3 credits

This course provides students with skills to develop innovative approaches to complex issues involving health care systems. Creating shared visions, advocacy, strategic planning, and change management are addressed.

**Prerequisites:** Admitted into the College of Graduate and Professional Studies or consent of the instructor.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 850 – Rural/Underserved Residency**

3 credits

This course provides the tools to evaluate and improve health care programs and clinical outcomes. The focus is the clinical management of clients within underserved or rural health care systems.

**Prerequisites:** NURS 894

**Co-requisites:** NURS 895

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 891 – Scholarly Project I**

3 credits

This course provides opportunities for analysis of dynamic community systems and programming models. Theoretical frameworks for transformation, application, and synthesis of knowledge and skills into independent practice are explored.

**Prerequisites:** Admitted into the Doctor of Nursing Program.

**Co-requisites:** HLTH 612

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 892 – Scholarly Project II**

3 credits

This course provides students with skills to develop innovative approaches to complex issues in the health care system. Creating shared visions, advocacy, strategic planning, and program development are addressed.

**Prerequisites:** NURS 810, 891

A-F Grading

*Preferred effective term: Fall 2010*



### **NURS 893 – Scholarly Project III**

3 credits

This course focuses on implementation of an evidence-based independent clinical practice model. The student will implement a program for improving patient/population health outcomes.

**Prerequisites:** NURS 892

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 894 – Scholarly Project IV**

3 credits

This course provides opportunities to evaluate a health care program for underserved and rural populations. Students examine core principles of and challenges to program evaluation.

**Prerequisites:** NURS 893

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 895 – Capstone Scholarly Project**

3 credits

This course provides students with the opportunities to present and publish research/assessment findings to improve health outcomes for underserved and rural populations.

**Prerequisites:** NURS 894

A-F Grading

*Preferred effective term: Fall 2010*

## **GRADUATE APPROVALS**

### **COURSE REVISIONS**

#### **COLLEGE OF EDUCATION: Elementary, Early, and Special Education**

#### **SPED 685 - Grant Development and Program Evaluation**

3 credits

This course provides students with the necessary skills to develop and submit grants to state agencies, federal agencies, and private foundations, and to evaluate existing or proposed programs in special education.

*Change description to:*

#### **SPED 685 - Grant Development and Program Evaluation**

3 credits

This course provides students with the necessary skills to develop and submit grants to state agencies, federal agencies, and private foundations, and to evaluate existing or proposed programs.

*Preferred effective term: Spring 2010*

## **CORRECTIONS**

**The titles of the following two new program proposals published in Academic Notes October 12, 2009 need to be amended to read Doctor, and not Ph.D. The corrections are reflected in bold and italics.**

**COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training**

*Doctor of Physical Therapy* (102 credits)

**CIP Code: 512308 Major Code: \_\_\_\_\_**

**Brief Summary:**

The objective of this post-baccalaureate campus based doctorate in physical therapy (DPT) is to provide competent health care providers who are skillfully able to effectively examine, evaluate, diagnose, and provide appropriate interventions for clients with primary, secondary, and tertiary physical impairments, functional limitations, and disabilities across the lifespan. The physical therapist has in-depth knowledge of cardiopulmonary, musculoskeletal, and neuromuscular disorders. The physical therapist functions as point-of-entry providers of physical rehabilitation and rehabilitation services. This program is part of the initiatives for the Indiana State Rural Health Innovation Collaborative (RHIC)

**Clientele to be Served:** The clientele to be served will be graduate students who desire to pursue a professional career as a physical therapist by obtaining the terminal clinical degree. The American Physical Therapy Association (APTA) is the nationally recognized professional organization for physical therapists, yet each educational institution providing physical therapy education is governed by the Commission on Accreditation in Physical Therapy Education (CAPTE). Because of Vision 2020, an initiative to advance entry-level degree requirements from a master level to a doctoral level by the year 2020, CAPTE has coordinated a significant change in the academic preparation of physical therapists. Vision 2020 projects the desire that physical therapists be recognized as the practitioner of choice for the diagnosis, intervention, and prevention of physical limitations. This vision is based on the impetus of autonomous professional practice by physical therapists developed through the didactic and clinical education of a CAPTE accredited clinical doctoral degree program in physical therapy.

**Curriculum:** Students are accepted into a full-time cohort model once a year starting with the first summer term. Students enroll in courses in the pre-determined sequence as outlined in the program of study. The DPT program will require 102 post baccalaureate graduate credit hours. There are a total of 29 credit hours of clinical, which excludes the hours for advanced human anatomy taken during the first summer term. A clinical credit hour at Indiana State University equates to three actual clinical contact hours. Some of the clinical hours are practice hours with simulations and volunteers, while the core of the clinical hours are spent with physical therapy preceptors providing supervised client care. The didactic and theory credit hours equates to 73 credit hours. The program does include credit hours for a culminating scholarly project.

**Employment Possibilities:** Physical Therapy is an allied health profession that provides services to help restore function, improve mobility, relieve pain, and prevent permanent physical disabilities. Practice settings for physical therapists include acute care, pediatrics, geriatrics, short- and long-term rehabilitation, cardiopulmonary, sports medicine, fitness centers, and

orthopedics.

### **Student Learning:**

The Indiana State University program for the Doctorate of Physical Therapy (DPT) will consist of a three year, 102 hours, full-time program of study. The initial admitted class will consist of 30 individuals. The main student learning outcomes/objectives of this program are to graduate successful physical therapy practitioners who are skillfully able to:

1. Utilize critical thinking with the knowledge derived from the biological, behavioral, and clinical sciences for clinical decision making.
2. Demonstrate ethical behavior consistent with professional and legal standards.
3. Provide guidance and interventions to promote wellness, health promotion and enhance the physical performance of persons in the community.
4. Provide safe and effective standards of care for a diverse client population.
5. Communicate effectively with clients, families, colleagues, other health care workers, and the general public orally and in writing.
6. Plan and execute research, disseminate research findings, and critically evaluate the professional literature to promote evidence-based practice.
7. Demonstrate continuing personal and professional growth to maintain professional competence, advance career development, and contribute to the development of the profession.

### **Proposed Catalog Copy:**

#### ***Doctor of Physical Therapy (102 credits)***

**CIP Code: 512308 Major Code: \_\_\_\_\_**

The purpose of the doctorate in physical therapy (DPT) is to provide competent health care providers who are skillfully able to effectively examine, evaluate, diagnose, and provide appropriate interventions for clients with primary, secondary, and tertiary physical impairments, functional limitations, and disabilities across the lifespan. The physical therapist has in-depth knowledge of cardiopulmonary, musculoskeletal, and neuromuscular disorders. The physical therapist functions as point-of-entry providers of physical rehabilitation and rehabilitation services. Students are accepted into a full-time cohort model once a year starting with the first summer term. Students enroll in courses in the pre-determined sequence as outlined in the program of study. The DPT program will require 102 post baccalaureate graduate credit hours. There are a total of 29 credit hours of clinical, which excludes the hours for advanced human anatomy taken during the first summer term. Some of the clinical hours are practice hours with simulations and volunteers, while the core of the clinical hours are spent with physical therapy preceptors providing supervised client care. The didactic and theory credit hours equates to 73 credit hours. The program does include credit hours for a culminating scholarly project.

Applicants must meet the admission requirements for the College of Graduate and Professional Studies. Admission into the physical therapy program will also require the following:

- A Bachelor's degree from a 4 year accredited university in a discipline other than Physical Therapy with a minimum cumulative 3.0 and science GPA of 3.0 recommended and the degree must be earned before enrolling in the DPT program.

- GRE exam is required of all applicants. Official score reports must be sent directly from the Educational Testing Service (ETS) — [www.gre.org](http://www.gre.org).
- Recommendation Forms from the following: A licensed physical therapist, an academic source, community service experience
- Resume should include a comprehensive outline of your student, volunteer, and professional work experiences and all honors and awards.
- Essay describing personal career objectives.
- Personal Interview with members of the Physical Therapy admissions committee may be required.
- Physical Therapy Experience is required. You must complete a minimum of 40 hours of volunteer or paid work under the supervision of a licensed physical therapist.

Prerequisite course work is also required if the student's undergraduate degree did not include the identified foundational courses. A listing of these courses is available on the program website. Academic Advisors are also available at Indiana State University to consult about undergraduate prerequisites. Official transcript evaluation will not be conducted until a student has applied to the program.

### Required Courses:

PHTH 600	2 credits
PHTH 601	8 credits
PHTH 602	3 credits
PHTH 604	3 credits
PHTH 605	3 credits
PHTH 610	5 credits
PHTH 620	3 credits
PHTH 621	3 credits
PHTH 622	3 credits
PHTH 700	3 credits
PHTH 701	3 credits
PHTH 706	3 credits
PHTH 710	5 credits
PHTH 712	3 credits
PHTH 720	3 credits
PHTH 721	3 credits
PHTH 723	3 credits
PHTH 724	3 credits
PHTH 725	3 credits
PHTH 800	3 credits
PHTH 801	3 credits
PHTH 810	8 credits
PHTH 841	3 credits
PHTH 891	3 credits
BIO 633	3 credits
PE 685	3 credits
HLTH 617	3 credits
PE 680	3 credits

PASS 621	2 credits
ATTR 625	3 credits

*Preferred effective term: Summer I 2011*

## **COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Advanced Practice Nursing**

***Doctor of Nursing Practice (39 credits)***

**CIP Code: 511699 Major Code: \_\_\_\_\_**

### **Brief Summary:**

In order to help our society better meet the continually changing health care needs of rural and underserved communities, the United States needs more and better educated mid-level providers. There is a corresponding shortage of doctorally educated nurse practitioner providers in the country. The proposed DNP program is created in an effort to help meet both health and education needs.

### **Student Learning:**

The Wabash Valley in the West Central region has 11 rural counties of which 8 are either Medically Underserved Areas (MUAs) or Health Professional Shortage Areas (HPSAs). The multifaceted health care needs of Indiana citizens in poor rural counties are growing throughout the state. The DNP program will address the health care needs of these underserved and rural populations. There will be a solid evidence based practice base that explores the research utilized in health care for the rural and underserved populations and ways to influence the quality of health care through epidemiological incidence and the Healthy People 2020 findings as well as approaches to their prevention of health problems and cure. The rural health practicum will focus on the resolution and study of these health problems and social-political mechanisms the DNP can influence change. The outcomes of practice showing health care disparities placed on certain groups in rural and underserved areas—women, children, elderly, and minorities—will be evaluated and published by student and faculty.

Indiana State University (ISU) will work with the other state universities in demonstrating capabilities and standards of practice for this role. The DNP takes the evidence based research and interprets it into practice. It looks at the efficacy of the research that the nurse researchers and others have conducted. Our ISU faculty are a blend of PhD and DNP as well as MSN prepared practitioners. This is a needed phenomenon as we move to the DNP program. The 39 cr. Hrs. build on the 48-51 cr. Hrs. with 765 hrs. of clinical practice in the FNP concentration of the Indiana State MS in nursing for 1500 hrs of total clinical practice. The competencies of this new practitioner are based on the National Organization of Nurse Practitioner Faculty (NONPF) Doctoral of Nursing Practice Entry Level Competencies (2006) the American Association of Colleges of Nursing (AACN) Essentials of Doctoral Education for Advanced Nursing Practice (2006) in Appendix 1. The DNP is the scholarship of practice just as physicians, psychologists, lawyers, pharmacists, and physical therapists are a practice degree. A number of societal, scientific, and professional developments have stimulated this major paradigm change in graduate education. One major impetus for change was the AACN's decision in October 2004 to

adopt the goal that preparation for specialization in nursing should occur at the doctoral level by 2015. (AACN, DNP Roadmap Task Force Report, October 20, 2006)

The degree is not the role. This DNP program will work with the communities it serves in finding how to make health care practice better, how practice identifies needs, and then disseminate their findings and develop this role and this practice. The journal, *Clinical Scholars Review: The Journal of Doctoral Nursing Practice*, is produced by Columbia School of Nursing and published by Springer Publishing Company, 2008, will be one in which we will promote publications by faculty and students. How and when certification of this role will occur is an ongoing discussion—certification is viewed as a means of distinction to patients and payers as well as a way of assuring the public of quality and reliable standards for these new clinical nurse experts. The AACN is still upholding the 2015 date as the last year that the American Nurses Credentialing Center will certify master's level advanced practice nurses.

In 2006, Indiana State University FNP Program surveyed its graduates on their programs strengths and weakness. Also an added question was: Are they planning on furthering your education through doctoral study (if they didn't already have a doctorate). Of the 42 graduates, 38 planned to continue their education (2 had already had a doctorate and one was working on a doctorate) and 35 would do their program at ISU if one existed in next 5-10 years (see Appendix 2). Over the last two years the faculty has attended meetings discussing the varied ways to attain the DNP. Our faculty are utilizing AACN's template of post-Master preparation with the FNP as the masters concentration (see Appendix 3). The curriculum and courses are developed to achieve this expert in evidence based practice and dynamic leader and change agent in nursing prepared at the doctoral level. The DNP program will serve Master of Science in nursing (MSN) prepared nurses who are currently practicing as nurse practitioners and have a desire to work with clients in underserved and rural communities. Nurse educators who also wish to pursue a terminal clinical degree will also select the DNP as an education option. Many nursing programs such as Indiana State University are recognizing the DNP for tenure track positions.

### **Proposed Catalog Copy:**

#### ***Doctor of Nursing Practice (39 credits)***

**CIP Code: 511699 Major Code: \_\_\_\_\_**

The Doctor of Nursing Practice Program will require 85 post baccalaureate graduate credit hours and a total of 1200 hours of supervised clinical preceptorship. A post-master's nurse practitioner who enters the Doctor of Nursing Practice Program will be required to complete a minimum of 39 credit hours at Indiana State University. Students prior to 2015 must have completed a master's degree to be eligible to enroll in the program and may apply a maximum of 48 graduate credits and 700 hours of formal clinical supervised hours from their master's degree toward the degree requirement. Consistent with other Doctor of Nursing Practice Programs and the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculty there is no dissertation requirement.

Applicants must meet the admission requirements for the College of Graduate and Professional Studies. Applicants must also meet the following requirements:

- A master's degree in nursing from a nationally accredited school of nursing preparing

family nurse practitioners.

- A minimum graduate grade point average of 3.0 on a 4.0 scale.
- Have successfully completed a graduate statistics course and nursing research course.
- Have an unencumbered license as a registered nurse in the state of practice and advanced practice registration.
- Have national certification as a family nurse practitioner.
- Meet all health clearance, criminal background checks, and other requirements for clinical practice.
- Three professional references submitted through reference site.
- Have a minimum of two years nursing clinical experience prior to enrolling in clinical courses.
- Provide a 2-3 page sample of written scholarly work.
- TOEFEL of 550 or greater, if English is not the primary language spoken.

**Core Courses:**

HLTH 612 Epidemiology 3 credits  
NURS 822 Organizational Informatics 3 credits  
NURS 842 Health Policy Leadership 3 credits  
NURS 825 Analytical Methods 3 credits

**DNP Cognate Courses:**

NURS 810 Community Health Planning 3 credits  
NURS 840 Culturally Competent Care of Diverse Populations 3 credits  
NURS 850 Rural/Underserved Residency 3 credits

**Guided Elective:**

Nursing Education (curriculum, tests, methods) or nursing administration (finance) 3 credits

**Nursing Scholarship of Practice Courses:**

NURS 891 Scholarly Project I 3 credits  
NURS 892 Scholarly Project II 3 credits  
NURS 893 Scholarly Project III 3 credits  
NURS 894 Scholarly Project IV 3 credits  
NURS 895 Capstone Scholarly Project 3 credits

*Preferred effective term: Fall 2010*