



## Graduate Catalog Addendum 2022-2023

### COLLEGE OF HEALTH AND WELLNESS COURSE DESCRIPTIONS

#### PHYSICAL THERAPY

##### **DPT 811 Introduction to Physical Therapy Profession**

The course will introduce the physical therapy profession to the students. Students will learn the history and evolution of physical therapy in the United States across the healthcare delivery system. Students will be introduced to the role of the American Physical Therapy Association, Guide to Physical Therapy Practice, and principles of clinical reasoning and its application in physical therapy practice. The course material will be delivered in a hybrid format. 2 credits

##### **DPT 812 Functional Anatomy I**

Functional Anatomy I covers the anatomy of the musculoskeletal, nervous, and vascular systems of the upper extremity, trunk, and thorax, including histology. The course material will be delivered in both lecture (online and face to face) and laboratory format. The students will learn anatomical concepts through the study of prosected human cadavers and various anatomical videos and software. The laboratory experience will consist of the application of anatomy to develop foundational skills of physical therapy examination such as surface anatomy, palpation, goniometry, manual muscle testing, manual length testing of the abovementioned body regions. 3 credits

##### **DPT 813 Applied Pathophysiology**

Applied pathophysiology course will emphasize on the interdependence of human anatomy, physiology and pathology due to an injury, disease, or disorders of the musculoskeletal, neuromuscular, cardiovascular, pulmonary, lymphatics, immune, endocrine and metabolic, hematologic, gastrointestinal, hepatic, pancreatic and biliary, renal and urologic, genital and reproductive systems, altered cell proliferation and differentiation, fluid and electrolyte imbalance, and genetic and developmental disorders. The students will learn the etiology, pathogenesis, clinical manifestations, and precipitating factors of the specific diseases of the abovementioned systems. The course will be delivered in a hybrid format. 3 credits

##### **DPT 814 (NU 748) Health Promotion in Families and Communities**

This graduate level course addresses health risks and trends in communities and in families. High-risk populations, aggregates, and communities comprise the focus for investigation. Developmental, psychodynamic, social-political, and cultural theories and concepts are synthesized and applied to analysis of health behaviors in community settings and in families across the life cycle. Risk appraisal methods and evidence-based strategies to identify and prevent health risks in individuals, families, and communities are examined. This course highlights local, state, and federal resources for families, particularly those individuals in medically underserved areas. 3 credits

##### **DPT 815 Functional Anatomy II**

Functional Anatomy II covers the anatomy of the musculoskeletal, nervous, and vascular systems of the Lower extremity, head, face, anterior neck, abdomen, and pelvis, including histology. The course material will be delivered in both lecture (online and face to face) and laboratory format. The students will learn anatomical concepts through the study of prosected human cadavers and various anatomical videos and software. The laboratory experience will consist of the application of anatomy to develop foundational skills of physical therapy examination such as surface anatomy, palpation, goniometry, manual muscle testing, manual length testing of the abovementioned body regions. 3 credits

##### **DPT 816 Foundations of Physical Therapy Skills**

The course will cover the foundational skills of physical therapy management skills including draping, patient positioning and bed mobility, transfer skills, wheelchair fit and mobility, gait training with various assistive devices. Students will also learn appropriate body mechanics when applying these skills during patient care. Universal precautions and assessment of basic vital skills will also be covered in the course. An overview of common safety protocols and American with Disabilities Act will be provided. Students will be introduced to strategies to enhance their communication skills to ensure strong patient client relationships. The course material will be delivered in both lecture (online and face to face) and laboratory format. 2 credits

#### **DPT 821 Art of Healthy Living**

The course will cover the concepts of lifestyle medicine in particular eating healthy foods, engaging in regular physical activity, effective stress management, restoration of sleeping behavior, avoidance of risky substances, and embracing positive social connections in life. The students will explore the potential impact of incorporating the principles of lifestyle medicine on society's health and the importance of adopting these principles in one's clinical practice. The course will be delivered in a hybrid format. 3 credits

#### **DPT 822 Biomechanics of Human Motion**

The course will provide biomechanical foundations of human motion for the practice of physical therapy rehabilitation. The course material will cover osteology, arthrology, osteokinematics, arthrokinematics, and muscle mechanics of the Axial and Appendicular skeleton. In addition, students will learn about normal and altered gait mechanics, its possible causes, and associated compensations. The course will be delivered in a hybrid format. 2 credits

PREREQUISITES: DPT 812 and DPT 815

#### **DPT 823 Therapeutic Modalities in Physical Therapy Practice**

The course will cover the foundations of therapeutic (physical, mechanical, and electrical) modalities, their effects on human pathophysiology, and their therapeutic role in various musculoskeletal and neuromuscular disorders commonly seen in physical therapy practice. The course material will be delivered in both lecture (online and face to face) and laboratory format. 2 credits

PREREQUISITES: DPT 812, DPT 813 and DPT 815

#### **DPT 824 Foundations of Neuroanatomy and Neuroscience**

The course will focus on the foundations of neuroanatomy, neurophysiology, neuroimaging, and their applications to neurological conditions commonly seen in physical therapy practice. The course material will also cover the neuroscience at the cellular level, development of the nervous system, three vertical systems (somatosensory, autonomic, and motor) and their interactions with the different body region such as the cerebrum, cerebellum, spinal cord, and the peripheral nervous system. The course will be delivered in a hybrid format. 2 credits

PREREQUISITES: DPT 812 and DPT 815

#### **DPT 825 Principles of Movement and Exercise Science**

The course will provide the foundations of movement and exercise science. Students will learn different factors that influence movement such as motor learning and relearning, motor control, and the development of motor skills. The students will learn to identify and analyze normal and abnormal movement patterns through observation and use of video and computer technology to task analysis of various functional activities. For the foundations of exercise science, students will learn different types of therapeutic exercises and their impact on human physiology. They will also learn the role of therapeutic exercises as a tool for injury prevention and management of various disorders seen commonly in physical therapy practice. Students will learn various aspects of exercise science that includes, theory and application of fitness training, various aspects of exercise testing and prescription, and the effects of exercise and physical activity on factors influencing work and athletic performance, training programs, and adaptations that include the reduction of risk factors for various medical and surgical conditions. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITE: DPT 822

#### **DPT 826 Introduction to Diagnostic Imaging**

The course will introduce various types of diagnostic imaging and other techniques such as plain film radiographs, magnetic resonance imaging, ultrasound imaging, computed tomography, nuclear medicine imaging, muscle and nerve electrophysiology test encountered by physical therapists in their daily clinical practice. The course will focus on the skill of viewing and interpreting the images and reports. The course will build on the knowledge gained in functional anatomy and applied pathophysiology courses. The course will be delivered in a hybrid format. 1 credit

PREREQUISITES: DPT 812, DPT 813 and DPT 815

### **DPT 827 Building Blocks of Development**

The course will include an in-depth study of principles and “building blocks” of normal human development, including embryological and fetal development, gross, fine and oral motor development, primitive reflexes and their role in movement development as well as normal adult movement patterns. Emphasis will be placed on precursors for function in all positions. Students will study and be able to apply current theories of motor control, including basic principles, clinical implications, and limitations of each model. Principles of motor learning and skill acquisition will be applied to patient cases. An overview of abnormal development as well as public laws that guide pediatric practice will be provided. Pediatric examination, using both quantitative and qualitative measures will be introduced. 1 credit

### **DPT 828 Neurobiology and Therapeutics of Pain**

The course will provide foundational knowledge of pain mechanisms within the framework of biopsychosocial pain model. The course will cover the neurobiology, neurophysiology, and neuropsychology of pain and its effects on different stages of healing. The students will learn the characteristics of acute and chronic pain, pain assessment, and management in the context of physical therapy rehabilitation. The course will be delivered in a hybrid format. 2 credits  
PREREQUISITE: DPT 813 and DPT 824

### **DPT 829 Pharmacotherapeutics in Physical Therapy**

The course will cover foundational principles of pharmacology including pharmacokinetics, pharmacodynamics, pharmacogenetics, pharmacotherapeutics, and pharmacy. The students will learn about therapeutic effects, side effects, indications, and contraindications of the drugs commonly encountered by physical therapists in their clinical practice. Students will also learn to optimize therapy sessions based on the knowledge of their patient’s current medication history. The course will be delivered in a hybrid format. 2 credits  
PREREQUISITE: DPT 813

### **DPT 830 Integrated Clinical Experience (ICE)**

ICE is a six-week full time clinical affiliation in which the student begins to apply didactic knowledge, practices professional behaviors, and patient management skills in the clinical setting under the direct supervision of a licensed physical therapist. 4 credits

### **DPT 831 Clinical Experience Readiness**

This course helps students prepare for their first clinical experience. Professional behaviors (i.e. safety, ethics, initiative, and communication skills) will be further developed. Principles of patient centered care, documentation, patient confidentiality (HIPPA), and laws governing the supervision of support personnel will be investigated. Strategies for self-reflection and conflict management will be explored. Topics of risk management, reimbursement, and advocacy will also be introduced. Utilization of the Clinical Internship Evaluation Tool (CIET) with expected performance criteria and benchmarks will be introduced. 1 credit  
PREREQUISITE: DPT 811

### **DPT 832 Musculoskeletal I: Foundations of Orthopedic Evaluation**

The course will build on the patient client management model to teach students the skill of hypothesis generation based on the subjective examination and the expertise of making clinical diagnosis based on the objective examination/evaluation followed by creating and implementing an efficient and effective plan of care, and outcome assessments for patients with commonly seen musculoskeletal disorders of the spine and extremities. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits  
PREREQUISITES: DPT 812, DPT 815, DPT 822, and DPT 825

### **DPT 833 Primary Care in Physical Therapy**

The course will provide a framework for students to learn and become skilled as a physical therapist in a primary care model. The course will cover medical screening, systems examination and review, differential diagnosis, and recognition of potential red flags that requires communication and need for referral to other appropriate health care professionals. The course material will be delivered in both lecture (online and face to face) and laboratory format. 2 credits  
PREREQUISITES: DPT 812, DPT 813, and DPT 815

### **DPT 834 Neuromuscular I: Foundations of Neurologic Evaluations**

#### Foundations of Neuroanatomy and Neuroscience and Principles of Movement and Exercise Science

The course will build on the patient client management model to teach students the skill of hypothesis generation based on the subjective examination and the skills of making clinical diagnosis based on the objective examination/evaluation followed by creating and implementing an efficient and effective plan of care, and outcome assessments for patients with commonly seen neuromuscular disorders. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITES: DPT 824 and DPT 825

#### **DPT 835 Basics of Research and Statistics**

The course will cover the principles of research design and statistical methods for both the quantitative and qualitative research. The students will learn the process of performing original research, formulate a research question, effective literature search strategies, process of synthesizing research, designing research methodology, understanding threats and biases in a research design, and choosing appropriate statistical tests. Students will also learn about the mechanism of writing a research proposal, Institutional Review Board process, importance of ethics in research and various scholarly dissemination channels.

The course will be delivered in a hybrid format. 2 credits

PREREQUISITE: DPT 811

#### **DPT 841 Art of Healing I**

Art of Healing 1 is the first of three graduate courses about the role of Humanities in Healing. DPT 841 focuses specifically on literary works that explore three themes: the human condition, the nature of suffering, and healers/healing. The role of narrative/storytelling in healing is a central focus of this course. Students read fiction, poetry, creative nonfiction, essays, and drama that depict how societies define and respond to issues of illness, suffering, and healing. The course's literary works raise essential questions about illness and healing as part of the human condition—questions that we will explore through discussion, research, writing, and a capstone project. Course modules cover topics such as cultural contexts for illness and healing, disability and family, mental health/illness, healing and healers, aging and mortality, and recovery. As a community of learners, students share their work each week and have opportunities to respond to the work of their classmates, applying their insights to the practice of physical therapy. 1 credit

PREREQUISITE: DPT 811

#### **DPT 842 Musculoskeletal II: Advanced concepts of Orthopedic Extremity Conditions**

The course will build on the Musculoskeletal I course to teach students the advanced psychomotor and clinical reasoning skills to become an entry level expert to manage patients with all musculoskeletal disorders of the extremities. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITE: DPT 832

#### **DPT 843 Health Systems I: Foundations of Cardiovascular, Pulmonary, Lymphatics, Integumentary, and Other Systems**

The course will build on the patient client management model to teach students the skill of physical therapy subjective and objective examination, evaluation, prognosis, and diagnosis followed by creating an efficient and effective plan of care, and outcome assessments for patients with commonly seen cardiovascular, pulmonary, lymphatics, integumentary, and other medical and surgical disorders. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITES: DPT 812, DPT 813, DPT 815 and DPT 816

#### **DPT 844 Neuromuscular II: Rehabilitation Principles of Non-traumatic Neurological and Vestibular Conditions**

The course will build on the Neuromuscular I course to teach students the advanced psychomotor and clinical reasoning skills to become an entry level expert to manage patients with all the non-traumatic neurological and vestibular disorders. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITE: DPT 834

#### **DPT 845 Application of Research and Statistics**

The course will build on the knowledge of basic research design and statistics. Students will perform a literature review in an interested area to identify a gap in the literature for a clinical area. Students will appraise the research design and statistical tests used in those studies. The course will be delivered in a hybrid format. 1 credit

PREREQUISITE: DPT 835

### **DPT 846 (NU 710) Quality and Data Analytics**

This course focuses on quality, informatics, and the role of statistics in quality improvement. Concepts, models, and strategies of quality improvement and informatics are examined. Students will apply principles of quality and regulatory management with an emphasis on defining, measuring, and evaluating outcomes within and across organizational systems. The student will apply informatics and statistical concepts to identify, gather, process, and manage information/data. At the end of the course, the student will be able to create and implement innovative solutions to improve patient care and safety. 3 credits

### **DPT 847 (NU 743) Organizational Leadership**

This course focuses on theoretical foundations and conceptual principles of leadership, professional collaboration, communications, and the skills necessary to practice leadership competently in healthcare environments, recognizing that organizational and systems leadership are critical to the promotion of high quality and safe patient care. Key concepts including ethical and critical decision making, motivation and individual behavior, interpersonal and group behavior, job satisfaction, work stress and culture, and influences of micro-, meso-, and macro-organizational behaviors are explored. The course is designed to enhance leadership self-awareness and to encourage students to fashion personal perspectives on how to lead professionally. Analyzing trends and issues in the current health care system that have implications for exercising leadership will help students determine the way they can make a difference. 3 credits

### **DPT 848 Rehabilitation Technology in Physical Therapy**

The course will cover the physical therapy evaluation and management of a patient with a need of or has an orthosis, prosthesis, or an assistive technology device. The students will learn about the role of a physical therapist in an interprofessional team to become proficient in determining the need, prescribe, refer/obtain, and evaluate the effectiveness of the device in improving patients' functional outcomes. The students will also learn to evaluate and recommend patient's home and workspace for proper ergonomics to alleviate pain and dysfunction. The course will be delivered in a hybrid format. 2 credits

PREREQUISITES: DPT 822

### **DPT 851 Art of Healing II**

DPT 851 (Art of Healing II) is the second of three graduate courses on the role of humanities in healing. DPT 851 focuses on communication exploring three themes: process of meaning-making, communication skills and sources of healing, and relationship dynamics. Students read scholarly communication sources that speak to these topics, and practice relevant communication skills such as effective listening and speaking related to issues of disability, illness, and healing. Students apply course content to the practice of physical therapy through discussion leadership, participation, classroom activities, and a capstone project. 1 credit

PREREQUISITES: DPT 841

### **DPT 852 Musculoskeletal III: Advanced Concepts of Orthopedic Spinal and Temporomandibular Joint Conditions**

The course will build on the Musculoskeletal I course to teach students the advanced psychomotor and clinical reasoning skills to become an entry level expert to manage patients with all musculoskeletal disorders of the spine and temporomandibular joint. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITE: DPT 832

### **DPT 853 Health Systems II: Advanced concepts in Cardiovascular, Pulmonary, Lymphatics, integumentary, and other systems**

The course will build on the Health Systems I course to teach students the advanced psychomotor and clinical reasoning skills to become an entry level expert to manage patients with all cardiovascular, pulmonary, lymphatics, integumentary, and other medical and surgical disorders. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITE: DPT 843

### **DPT 854 Neuromuscular III: Rehabilitation Principles of Traumatic Brain and Spinal Cord Injuries**

The course will build on the Neuromuscular I course to teach students the advanced psychomotor and clinical reasoning skills to become an entry level expert to manage patients with all the traumatic brain and spinal cord injuries. The course material will be delivered in both lecture (online and face to face) and laboratory format. 3 credits

PREREQUISITE: DPT 834

### **DPT 855 Empowering Children and Adolescents to Functional Independence**

This evidence-based course will cover in-depth knowledge on the examination, evaluation, diagnosis, prognosis, intervention, and discharge planning for pediatric clients across all settings from birth through adolescence and into young adulthood. Students will build upon concepts of normal development, motor control, and motor learning to develop a theoretical framework for addressing the physical therapy needs of children and adolescents who have musculoskeletal and/or neurological system dysfunction. Emphasis will be placed on empowering children and caregivers to maximize lifelong functional independence. 2 credits  
PREREQUISITE: DPT 827

#### **DPT 856 Diagnostic Imaging and Clinical Decision Making**

This is the advanced diagnostic imaging course that builds on the knowledge that was previously gained in the introduction to diagnostic imaging course and other clinical courses. The students will learn the guidelines, and ethical and legal considerations for the need of a diagnostic image and electrophysiological testing and need to recommend or refer it to appropriate healthcare professionals. Students will also learn to view and interpret abnormal findings and correlate clinically with the patient's presentation that would aid in making a clinical diagnosis and physical therapy management. The course will be delivered in a hybrid format. 1 credit  
PREREQUISITES: DPT 826, DPT 832, DPT 842, and DPT 852

#### **DPT 857 Physical Therapy for the Older Adults**

The course will cover topics related with aging adults such as chronic pain, side effects of polypharmacy, loneliness, and other psychological and physical disorders that leads to social isolation. The course will explore the opportunities to improve health and wellness, quality of life, reintegration, and the productive role the aging adults can play in the society. The course will be delivered in a hybrid format. 2 credits  
PREREQUISITES: DPT 821, DPT 828, DPT 829, DPT 832, and DPT 834

#### **DPT 858 (MBA 722) Strategic Analysis**

Strategic Analysis introduces the concepts within business strategy as a competitive advantage, by framing the fundamental relationship between strategy and operational effectiveness. It prepares students to develop and present a strategic plan by working on an individual and/or team basis using industry-leading tools such as value chain analysis, benchmarking, and Blue Ocean strategy. Best practices in strategic methods are applied to for-profit and not-for-profit sectors in both U.S. and global contexts, with an emphasis on critical analysis and ethical leadership behaviors across industries. 3 credits

#### **DPT 860 Terminal Clinical Experience I**

Terminal Clinical Experience I is a six-week full time clinical affiliation in which the student continues to apply didactic knowledge, practices professional behaviors, and patient management skills in the clinical setting under the direct supervision of a licensed physical therapist to progress towards entry-level professional practice. 4 credits

#### **DPT 861 Art of Healing III**

Art of Healing III is the third of three graduate courses about the role of Humanities in Healing. DPT 861 focuses on whole person health through creative expression that explores themes of cognition, play, healing, and inclusion. The role of creative arts as a method to process and reflect experiences is a central focus of the course material, and students will explore the course themes through individual and collaborative class modules. The 8-week course objectives seek to deepen content learning through current research, class discussions and reflection. Students will apply new insights by participating through creative art making, trauma informed movement, mindfulness, and visualizations. As a community of learners, students share their work each week and have opportunities to respond to the work of their classmates, applying their insights to the practice of physical therapy. 1 credit  
PREREQUISITE: DPT 851

#### **DPT 862 Musculoskeletal IV: Managing Orthopedics Cases**

The course will build on all the previous musculoskeletal clinical courses. The students will have the opportunity to put it all together their contemporary expertise in a case-based format. The students will practice their psychomotor and clinical reasoning skills to evaluate, diagnose, develop, and implement an efficient and effective plan of care during peer-to-peer simulated clinical scenarios. The course material will be delivered in a laboratory format. 1 credit  
PREREQUISITES: DPT 832, DPT 842, and DPT 852

#### **DPT 863 Health Systems III: Managing Medically Complex Cases**

The course will build on all the previous health systems clinical courses. The students will have the opportunity to put it all together their contemporary expertise in a case-based format. The students will practice their psychomotor and clinical reasoning skills to evaluate, diagnose, develop, and implement an efficient and effective plan of care during peer-to-peer simulated clinical scenarios. The course material will be delivered in a laboratory format. 1 credit  
PREREQUISITES: DPT 843 and DPT 853

#### **DPT 864 Neuromuscular IV: Managing Neurologic Cases**

The course will build on all the previous neuromuscular clinical courses. The students will have the opportunity to put it all together their contemporary expertise in a case-based format. The students will practice their psychomotor and clinical reasoning skills to evaluate, diagnose, develop, and implement an efficient and effective plan of care during peer-to-peer simulated clinical scenarios. The course material will be delivered in a laboratory format. 1 credit  
PREREQUISITES: DPT 834, DPT 844, and DPT 854

#### **DPT 865 Principles of Evidence Informed Practice**

The course will cover the three principles of evidence based/informed practice. The students will learn to formulate a foreground clinical question, find most relevant and high-quality research article, perform a quantitative and a qualitative appraisal of research articles to answer the clinical question. The course will emphasize on making students a consumer of research who are skilled in analyzing and evaluating research that would aid in their clinical decision making. The course will be delivered in a hybrid format. 2 credits  
PREREQUISITE: DPT 835

#### **DPT 866 (NU 738) Health Policy and Health Economics**

This course introduces economic concepts and current policy issues facing the United States health care system. Issues of cost, quality, access, disparities, and finance will be examined from the view of payers, providers, and regulators, and the interactions of these stakeholders both within the United States and in comparison, with global markets. Topics will include various health care markets, the role of government in financing of health care, the structure and functions of public and private health insurance, economic components of the delivery system, and understanding the challenges of health care reform. 2 credits

#### **DPT 870 Terminal Clinical Experience II**

Terminal Clinical Experience II is a twelve-week full time clinical affiliation in which the student applies didactic knowledge, practices professional behaviors, and patient management skills in the clinical setting under the direct supervision of a licensed physical therapist to progress towards entry-level professional practice. 8 credits

#### **DPT 871 Capstone Project**

This course will provide an opportunity to students to develop a capstone project in scholarship, clinical practice, or community service that shows their commitment towards lifelong learning and professional development. Through the project the students will provide an essence of nurturing and upholding the Carlow University's and the Carlow Physical Therapy program's mission and core values through their professional career. 1 credit

#### **DPT 880 Terminal Clinical Experience III**

Terminal Clinical Experience III is a twelve-week full time clinical affiliation in which the student applies didactic knowledge, practices professional behaviors, and patient management skills in the clinical setting under the direct supervision of a licensed physical therapist to progress towards entry-level professional practice. 8 credits

#### **DPT 881 Preparation for Physical Therapy Clinical Practice**

The course will offer an opportunity for students to learn about the National Physical Therapy Examination (NPTE) and the general process of license issuing from a Physical Therapy State board, including the jurisprudence exam. The students will learn about the NPTE content outline to develop a study plan to prepare for the license exam. The students will be expected to integrate and synthesize all the didactic and clinical coursework to prepare for an NPTE style comprehensive multiple-choice examination. The course will also cover post-professional specializations and pathways to help students map out their professional growth and development in clinical skills and leadership. The course will also cover topics such as CV development and preparation for job interviews, financial debt management, socially responsible practice, consequences of malpractice, and

advocacy of the profession through participation in professional associations and being a mentor/clinical instructor to others. The course will be offered in a hybrid format. 1 credit

## **INTERPROFESSIONAL EDUCATION**

### **IPE 710 Critical Thinking in IPP I**

This course is the initial 1 credit of a 3-credit course series aimed to promote the development of critical thinking within the construct of an interprofessional clinical team. Students will be introduced to concepts pertaining to interprofessional collaborative practice including learning about the practice scope of various health professions, providing a framework for shared critical thinking, and exploring how professions can work collaboratively to make evidence-based clinical decisions. Emphasis will be placed on the components of critical thinking including the role of cognitive biases in clinical decision-making processes. 1 credit

### **IPE 711 Critical Thinking in IPP II**

This course is the second 1 credit of a 3-credit course series aimed to promote the development of critical thinking within the construct of an interprofessional clinical team. Students will have the opportunity to apply critical thinking concepts relevant to interprofessional collaborative practice using a case-based format. Emphasis will be placed on making sound clinical decisions within the dynamics of the interprofessional team and developing self-evaluation skills. 1 credit  
Prerequisite: IPE 710

### **IPE 712 Critical Thinking in IPP III**

This course is the final 1 credit of a 3-credit course series aimed to promote the development of critical thinking within the construct of an interprofessional clinical team. Students will advance their ability to apply critical thinking concepts relevant to interprofessional collaborative practice using a case-based format. Emphasis will be placed on refining the interprofessional clinical decision-making process and acquiring proficient self-evaluation skills needed for life-long learning. 1 credit  
Prerequisite: IPE 710 and 711

### **IPE 715 IPE Ethical and Legal Issues**

This course examines the ethical, moral and legal accountability and professional responsibility for clinical practitioners, leaders, and educators. Ethical leadership and the roles of the leaders, team members, and educators in clinical practice as it relates to social justice, technology and business, research, and advanced practice specialty areas will be explored. The regulatory and legal framework for various interprofessional clinical practices will be addressed. Ethical reasoning, decision making, and action will be applied. 2 credits