



**Presbyterian College
Occupational Therapy Doctorate Program**

Course Descriptions (Credit Hours. Lecture. Lab. Clinical)

OTH 700 Human Anatomy: 5.3.4.0

This course provides in depth study and analysis of the regional and systemic organization of the human body through lecture and a simulated anatomical software program.

OTH 701 Kinesiology: 3.2.2.0

Lecture and Lab. This course will introduce the student to the kinematics and kinetics of human movement. Emphasis will be placed on understanding of regional functional anatomy and applying this information to movement and activity.

OTH 702 Pathophysiology: 2.2.0.0

This course will cover an overview of the most clinically significant diseases for the various body systems including a description of causes, epidemiology, pathophysiology, and clinical manifestations for the health care professional will be covered. Focus in this course will be the disease processes specific to the musculoskeletal, neuromuscular, cardiovascular, pulmonary, and the integumentary systems in individuals across the lifespan.

OTH 703 Neuroanatomy: 4.2.4.0

The course includes the study of functional neuroanatomy and neuroscience to understand the basic structure and function of the nervous system with special emphasis on topics of greatest concern to occupational therapists. The course will combine basic science knowledge with application to common injury and disease processes affecting the neurological systems as a foundation for building clinical problem solving in future clinical application courses.

OTH 704 Introduction to Occupational Therapy: 1.1.0.0

This course will allow students to gain a foundational knowledge and skills of occupation related to the history of the profession, current health care trends, and the various setting for OT practice.

OTH 706 Teaching and Learning 1: 1.1.0.0

The course provides an understanding of teaching and learning theories with application to clinical practice for occupational therapy.

OTH 707 Psychosocial Factors in care: 3.3.0.0.

This course will introduce students to various psychosocial considerations important to working with patients and clients successfully including ethics, cultural considerations, and communication.

OTH 708 Survey of Healthcare:2.2.0.0

This course will provide the student an overview of key topics in healthcare that are important for health professionals to understand. Topics will include an introduction to healthcare systems

organization, health care financing, Medicare, Medicaid, and managed care and future trends in health care.

OTH 709 OT Delivery Systems Management: 2.2.0.0

The course will provide a general examination of the delivery systems associated with the practice of occupational therapy, including practice environments and healthcare, legislative, and reimbursement systems.

OTH 710 Foundations of OT: 3.3.0.0

In this course, students will examine the critical reasoning that underlies the occupational therapy (OT) process and provision of OT services to clients. Emphasis will be placed on the development of critical reasoning in problem screening and identification, referral, assessment, goal setting, intervention planning, reassessment, and discontinuation of client and family centered care. Application of best practice (to include use of clinical reasoning, theory, and research) in various settings is included.

OTH 711 Occupational Patterns in Culture: 3.2.2.0

This course analyzes developmental theories and occupations across the lifespan (birth-death). Emphasis is placed on the analysis and synthesis of interrelationships of occupation and development as well as specific physical age-related changes. Cultural and environmental influences on occupation across the life span are included

OTH 712 Teaching and Learning 2: 1.1.0.0

The course provides an understanding of teaching and learning theories with application to clinical practice for occupational therapy students. Students will examine the means by which to successfully implement teaching and evaluate learning in a clinical setting.

OTH 713 Interprofessional Seminar 1: 1.1.0.0

This is the first course in a sequence that utilizes a case based learning model to integrate clinical management of common patient diagnoses across the professional discipline of occupational therapy and its interdisciplinary partners.

OTH 719 Fieldwork Level 1 A: 1.0.0.8

A part-time (one afternoon per week) fieldwork experience including clinic-based learning and application of the knowledge and skills learned in previous and concurrent graduate OT coursework.

OTH 720 Investigation, Evaluation, and Exploration of Essential Critical Inquiry: 2.2.0.0

This course covers concepts and principles of the research process including question, theory and hypothesis development, research design and methodology, and statistical reasoning and analysis. Critical review of professional literature and determination of the relevance and applicability of research findings to specific patient problems is introduced with the goal of promoting evidence-based practice in healthcare.

OTH 729 Fieldwork Level 1B: 1.0.0.8

The fieldwork course will address the psychological and social factors that influence engagement in occupation. This fieldwork experience will include, but not be limited to, acute mental health, community-based mental health and psychosocial support, specialized residential settings, and specialized educational settings. This course is offered as pass/fail.

OTH 800 Physical Agent Modalities: 2.1.2.0

Lecture and Lab. In this course the student will understand the use of physical agent modalities as an intervention and adjunctive therapy. Assessment (implications/contra-indications), implementation, and discontinuance of specific modalities will be addressed.

OTH 801 Motor learning and Analysis: 3.2.2.0

In this course, students will understand, analyze, and implement integration of motor control and motor learning approaches related to occupational therapy interventions including the analysis of posture, balance, reach, grasp, and quality of movement. Motor control and motor learning will be considered in specific relation to the impact on occupational performance. Current evidence is used to further inform the knowledge of selected methodologies for assessment and intervention related to movement analysis and development of motor control. A lifespan approach is considered to motor learning, motor control, posture, mobility, and upper extremity function.

OTH 802 Interprofessional Seminar 2: 1.1.0.0

This course is the second in a sequence that utilizes a problem based learning model to integrate clinical management of common patient diagnoses across the professional discipline of occupational therapy. The focus will be on interprofessional understanding and collaboration in a patient-centered health care delivery model. Teaching will occur through a case study model with students exploring various professional roles in the context of delivering quality care to the patient.

OTH 803 Interprofessional Seminar 3: 1.1.0.0

This course is the third and final in a sequence that utilizes a problem based learning model to integrate clinical management of common patient diagnoses across the professional discipline of occupational therapy. Cases in this course will focus on complex medical management. The focus will be on interprofessional understanding and collaboration in a patient-centered health care delivery model. Teaching will occur through a case study model with students exploring various professional roles in the context of delivering quality care to the patient

OTH 804 Teaching and Learning 3: 2.1.2.0

In this course, students will examine the role of the Occupational Therapist as an academician, professional educator, and fieldwork educator. This includes reviewing, critiquing, and applying theories of adult learning in order to develop the student's personal philosophy of teaching. Students will also explore the development of academic occupational therapy curriculum, including a review of OT education standards and an introduction to regional higher education accreditation standards. Because effective teaching flows most readily from the teacher's "undivided self" (Palmer, 1998, p. 15), an element of self-awareness is highlighted throughout this course. Students will complete self-assessments that are informed both by the student's review of his or her recorded teaching session and by the well-crafted, formative feedback provided by peers. The course also provides an opportunity for the student to present a formal, thirty-minute presentation or block of instruction.

OTH 805 Pharmacology: 2.2.0.0

This course covers the basic principles of Pharmacodynamics and Pharmacokinetics, as well as common adverse drug reactions of medications. The students will be exposed to key categories of medications including autonomic, cardiovascular, pain and inflammatory, endocrine, neurological, anti-infective and anti-cancer, as well as key special topics. The focus will be on understanding how these medications impact medical and rehabilitation management of the patient.

OTH 810 OT Practice in Mental Health: 3.2.2.0

Lecture and lab. In this course, students will apply critical reasoning, selected theories, and current evidence to evaluate, plan, implement and review outcomes for intervention approaches in mental

health practice. Emphasis is placed on facilitating optimal mental (including management of complex behaviors) through engagement in occupation.

OTH 811 Occupational Therapy in Adult Populations 1 (Orthopedics): 3.2.2.0

Lecture and Lab. The course will introduce the area of upper extremity function and dysfunction. The course will examine musculoskeletal disorders to include fractures, nerve compressions, and injuries to the shoulder, wrist, and hand. The use of appropriate assessments and interventions for impairments, illnesses, or injuries related to adult health conditions (including older adults) are addressed.

OTH 812 Occupational Therapy in Adult Populations 2 (Neurology): 3.2.2.0

In this course, students will understand, analyze, and implement occupationally based theories and evidence-based approaches to the care of adults with neurological injuries and conditions. In particular students will consider diagnoses including cerebral vascular accidents, traumatic brain injuries, spinal cord injuries, and degenerative diseases. Additionally, common impairments in neurologically-impaired patients related to cognition, communication, swallowing, visual-perceptual function, and motor control will be presented in relation to occupational performance. Current evidence is used to further inform the selected methodologies for assessment and intervention across the continuum of care.

OTH 813 Pediatric Practice in Occ. Therapy: 5.3.4.0

Lecture and Lab. This course will address the selection and application of appropriate assessments and interventions for the pediatric client population. Emphasis will be on analyzing atypical development, understanding the various roles of the occupational therapist with this population and specific pediatric approaches. Techniques for collaboration and advocacy within interdisciplinary teams will be discussed.

OTH 814 Assessment and Intervention in Contemporary Occupational Therapy: 3.3.0.0

In this course, comprised of lecture and lab components, students examine and learn to perform specific assessments and interventions that are associated with contemporary areas of practice. Course content areas may include low vision, obesity, ergonomics, building and construction design (including accessible and universal design), virtual reality, lifestyle redesign (modification), and aging in place. The course is augmented by expertise drawn from practicing clinicians and researchers both within and outside the field of occupational therapy. Students are provided with opportunities to practice and apply knowledge and skills in current practice areas.

OTH 816 Technology and Environmental Adaptations: 3.2.2.0

Lecture and Lab: The course guides the student through the design, development, modifications, compensation, and adaptations of personal needs and the environment, as it relates to occupational roles and context.

OTH 819 Fieldwork Level 1 C: 1.0.0.8

Students will be placed in physical disabilities setting (Pediatrics) to include but not be limited to: Long term care, Acute, Out-patient, and In-patient rehabilitation. Level I experiences are designed to integrate fieldwork seminars with clinical experiences in order to strengthen the ties between didactic and practical instruction.–This course is offered on a pass/fail basis.

OTH 820 Administration, Structure, and Management of Practice Settings: 3.2.2.0

This course includes an application of administrative and professional leadership processes, standards of practice, competencies, needs assessments, program development, outcome management, reimbursement, ethics, policy and trends in OT practice.

OTH 821 Leadership, Policy, and Promotion in OT: 3.3.0.0

In this course students will review the literature regarding leadership and examine their own leadership style. Federal and state legislation will also be critically analyzed and discussed relevant to its impact on those in the rehabilitation professions and on the clients they serve. Students will be exposed to advocacy activities that will provide them with opportunities to gain knowledge of specific societal needs.

OTH 822 Community Practicum: 2.1.2.0

Occupational therapy students, working in teams with local community agencies will develop a requested service project that is health related.

OTH 825 Professional Competency: 1.1.0.0

This course is an application of program learning in preparation for the Department Exit Exam (DEE) and the National Board for Certification in Occupational Therapy (NBCOT). The course uses critical analyses of professional entry competencies for the occupational therapist including certification, licensure, and professional development responsibilities. A programmatic review and professional self-assessment are conducted. It includes a de-brief from Level 2 Fieldworks conducted with faculty present.

OTH 829 Fieldwork Level 1 D: 1.0.0.8

The fieldwork course will primarily address the physical impairments and functional limitations that influence engagement in occupation for adults and seniors. This fieldwork experience will include, but not be limited to, acute care, inpatient rehabilitation, skilled nursing facilities, home health, and outpatient settings. This course is offered as pass/fail.

OTH 830 Doctoral Project 1: 1.1.0.0

This course is the first in a sequence that leads to the completion of a culminating project for the OTD curricula. The course will include review of content from Research and Critical Inquiry with a focus on formulating an appropriate research or project question. All core faculties will serve as faculty advisors, with possible advising from other Presbyterian College research faculty and adjunct faculty depending on student research question and faculty expertise for supervision and mentoring

OTH 831 Doctoral Project 2: 1.1.0.0

This course is the second in a sequence that leads to the completion of a culminating project for the OTD curriculum. Students will have selected an area of concentration from clinical practice, research, education, service, or advocacy. The student will work with a faculty advisor to develop, plan, and implement a project that will be presented at the completion of the third year prior to graduation. Individuals will demonstrate the abilities to refine, further develop, and apply knowledge gleaned from their literature reviews, analyze that information, refine their project questions, identify outcomes for their doctoral project, and complete a proposal for implementing and evaluating the 14-week doctoral experiential component of the curriculum. All core faculties will serve as faculty advisors, with possible advising from other Presbyterian College research faculty and adjunct faculty depending on student research question and faculty expertise for supervision and mentoring

OTH 832 Doctoral Project 3: 2.2.0.0

This course is the third in a sequence that leads to the completion of a culminating project in the OTD curriculum. The focus of this course is to prepare to implement the proposed project/research. All core faculties will serve as faculty advisors, with possible advising from other Presbyterian College research faculty and adjunct faculty depending on student research question and faculty expertise for supervision and mentoring

OTH 833 Doctoral Project 4: 1.1.0.0

This course is the fourth in a sequence that leads to the completion of a culminating project in the OTD curriculum. The focus of this course is to prepare to implement the proposed project/research. The student will complete all sections of the project including the introduction and justification for the project, literature review, methodology, and finally goals and objectives on which the project will be measured. All core faculties will serve as faculty advisors, with possible advising from other Presbyterian College research faculty and adjunct faculty depending on student research question and faculty expertise for supervision and mentoring

OTH 900 Doctoral Project 5: 3.0.6.0

This is the final course in a sequence that leads to the completion of a culminating project for the OTD curriculum. The student will complete the data, results and discussion sections of the project. Following this analysis, the student will present the final project via a poster or platform exhibition during Doctoral Project Week prior to graduation. All core faculties will serve as faculty advisors, with possible advising from other Presbyterian College research faculty and adjunct faculty depending on student research question and faculty expertise for supervision and mentoring

OTH 901 Occupational Therapy Independent Study: TBD

An Independent study is a course taught independently to one student. The class will be an extension class for Doctoral Students needing to extend their Doctoral Project or in need of an independent study opportunity. The course is individually determined and objectives will be determined once the course subject matter is described. Variable hours from 1-4 will be delegated and each description will be individually determined. The Independent Study course can be either didactic or online both with supervision.

OTH 910 Clinical Fieldwork Level 2A (12 Weeks): 10.0.0.40

This course is an intensive practicum to address the development of competent, entry-level, generalist knowledge and skills related to OT service provision. This fieldwork experience will focus on the application of purposeful and meaningful occupation and may include research, administration, and management of occupational services. This course is offered on a pass/fail basis.

OTH 911 Clinical Fieldwork Level 2B (12 Weeks): 10.0.0.40

This course is an intensive practicum to address the development of competent, entry-level, generalist knowledge and skills related to OT service provision. This fieldwork experience will focus on the application of purposeful and meaningful occupation and may include research, administration, and management of occupational services. This course is offered on a pass/fail basis.

OTH 920 Doctoral Experience (14 Weeks) 12.0.0.40

This is the culminating practical experience in the Doctor of Occupational Therapy Program. This experiential placement will be made consistent with the interest of the student, under the guidance of an external mentor and faculty advisor. The experience creates and enhances the student's professional skills and abilities allowing them to acquire advance knowledge in one or more areas of the profession. Examples are: legislation and policy, clinical practice, advocacy, leadership, research, program development, administration, education, or theory development.