

## Course Descriptions: Doctor of Occupational Therapy

Courses appear in the order of their offering sequence (single cohort) per Section 3 of the Prospectus.

### YEAR ONE: SEMESTER ONE (FALL 2022)

#### **OTD 6520 Basic Science I: Human Anatomy (5 hours)**

This course is an advanced, detailed examination of the structure and function of the human body. Special emphasis will be on the musculoskeletal, neurological, cardiovascular, and respiratory systems. A variety of learning opportunities will be provided to gain a better understanding of the systems and their interrelationships.

#### **OTD 6312 Movement Science I (3 hours)**

The course provides an introduction to the fundamental concepts underlying human movement. In this course, the principles of anatomy, functional anatomy, biomechanics, and kinesiology will provide a basis for understanding normal and abnormal movement in the human body. Ergonomic assessment and analysis will also be introduced.

#### **OTD 6313 Pathology and Medical Management (3 hours)**

This course focuses on the pathogenesis, clinical presentation, prognosis, and medical intervention of diseases encountered in occupational therapy practice. The relevance of medical imaging and laboratory values in diagnosis and management will be covered. Students will be introduced to the pharmacological management of various conditions and the implications related to Occupational therapy practice will be discussed.

#### **OTD 6330 Basic Tenets of OT Practice I (3 hours)**

This course will analyze OT history, philosophical base, theory, frames of reference, *Vision 2025*, and the sociopolitical climate and their importance in meeting society's current and future occupational needs. Students will also be introduced to documentation and will learn basic documentation skills.

#### **OTD 6240 Service in Occupational Therapy I (2 hours)**

This course introduces students to information necessary for service-based occupational interventions. This course will focus on entry-level clinical practice as it relates to service in local, national, and international organizations and agencies. This course explores how to serve the community drawing upon faith-based beliefs and following the guidelines and history of the profession.

### SEMESTER TWO (SPRING 2023)

#### **OTD 6420 Basic Science II: Neuroscience (4 hours)**

This course is an in-depth study of the structure and function of the neurological system and physiology. Students will be introduced to selected pathologies and special tests that facilitate the understanding of how the nervous system affects movement of the human body.

**OTD 6333 Basic Tenets of OT Practice II (3 hours)**

This course will introduce the interaction of occupation and activity, and the distinct nature of occupation. This course will explore therapeutic use of self, safety of self and others, the process of referrals to specialists, reimbursement, documentation, professional development, and personal and professional responsibilities.

**OTD 6430 OT Across the Lifespan: Pediatric Population (4 hours)**

This course will provide an overview of pediatric occupational therapy from birth through adolescence (18 years). Students will learn the entire clinical process, including screening, assessment, diagnosis, treatment, transition planning, and discharge. Students will be introduced to various pediatric standardized and non-standardized assessment tools, treatment techniques, and documentation. Patient and family education and counseling will also be covered.

**OTD 6432 OT Across the Lifespan: Mental Health Population (4 hours)**

This course will provide an overview of occupational therapy for individuals with mental health concerns. Students will learn the entire clinical process, including screening, assessment, diagnosis, treatment, transition planning, and discharge. Students will be introduced to various standardized and non-standardized assessment tools, treatment techniques, and documentation. Patient and family education and counseling will also be covered.

**OTD 6120 Fieldwork IA (1 hour)**

This course introduces students to the fieldwork experience and encourages them to develop a basic comfort level and understanding of the needs of clients. Level I FW will provide experiences designed to enrich didactic coursework through directed observation and selected participation of learning the OT process.

**OTD 6000 Grand Rounds 1 (0 hours)**

This course is a “grand rounds” experience in a problem-based learning format. Students develop their clinical decision-making process, as cases increase in complexity, through research, discussion and collaboration. IPE competencies are introduced. Students use the tools necessary to be a successful problem-based learner in the “grand rounds” format. Students will learn how to work effectively as part of a health care team, how to manage conflict and solve problems while respecting individual differences.

**SEMESTER THREE (SUMMER 2023)****OTD 6331 Evidence-Based Practice (3 hours)**

This course is designed for students to gain the knowledge and skills required to become an evidence-based practitioner. The course introduces the foundation of evidence-based practice and the integration of clinical reasoning skills.

**OTD 6434 OT Across the Lifespan: Adult Population (4 hours)**

This course will provide an overview of occupational therapy for adult patients, ages 18 through 59 years. Students will learn the entire clinical process, including screening, assessment, diagnosis, treatment, transition planning, and discharge. Students will be introduced to various standardized

and non-standardized assessment tools, treatment techniques, and documentation. Patient and family education and counseling will also be covered.

### **OTD 6350 Quantitative Research Methods (3 hours)**

In this course students will be introduced to quantitative research methods. This course provides an overview of research design from the perspective of the hierarchy of levels of evidence, including consideration of validity, strength of methodology, and relevance. Students learn to locate, select, analyze, and evaluate existing scholarly literature using descriptive, correlational, and inferential quantitative statistics, as well as design and implement scholarly studies to advance the literature.

### **OTD 6200 Ethics, Service, and Multiculturalism in OT (2 hours)**

In this course students will be introduced to ethical principles and multicultural awareness as they relate to occupational therapy. Students will discuss the social determinants of health as related to sociocultural factors, socioeconomic factors, diversity factors, and lifestyle choices. Students will explore professional ethics using the AOTA Code of Ethics and Standards of Practice.

### **OTD 6352 Treatment Techniques to Enhance Performance (3 hours)**

This course explores various media and methods to use in treatment. This course provides instruction and hands-on learning for making splints and orthotics and providing appropriate therapy techniques using methods available within various settings. This course will allow students the chance to explore various methods of treatment and will be introduced to activity analysis and grading activities up/down depending on the client. The course is designed to introduce and practice treatment techniques that are specific modalities for physical dysfunctions, such as superficial thermal agents, deep thermal agents, electrotherapeutic agents, and mechanical devices.

### **OTD 6121 Fieldwork IB (1 hour)**

This course introduces students to the fieldwork experience and encourages them to develop a basic comfort level and understanding of the needs of clients. Level I FW will provide experiences designed to enrich didactic coursework through directed observation and selected participation of learning the OT process.

## **YEAR TWO: SEMESTER FOUR (FALL 2023)**

### **OTD 7433 OT Across the Lifespan: Aging Population (4 hours)**

This course will provide an overview of occupational therapy for elderly patients (age 60 through end-of-life). Students will learn the entire clinical process, including screening, assessment, diagnosis, treatment, transition planning, and discharge. Students will be introduced to various standardized and non-standardized assessment tools, treatment techniques, and documentation. Patient and family education and counseling will also be covered.

### **OTD 7353 Adaptive Equipment and Patient Care Concepts (3 hours)**

This course introduces students to various adaptive equipment that may be used with clients. This course also introduces all the latest technology to use when helping and serving clients.

**OTD 7350 Qualitative Research Methods (3 hours)**

In this course students will be introduced to qualitative research methods. This course provides an overview of research design including hierarchy of levels of evidence, validity, strength of methodology, and relevance. Students learn to locate, select, analyze, and evaluate existing scholarly literature, as well as design and implement scholarly studies, including coding and synthesizing qualitative data, to advance the literature.

**OTD 7001 Grand Rounds 2 (0 hours)**

This course is a “grand rounds” experience in a problem-based learning format. Students develop their clinical decision-making process, as cases increase in complexity, through research, discussion and collaboration. IPE competencies are introduced. Students use the tools necessary to be a successful problem-based learner in the “grand rounds” format. Students will learn how to work effectively as part of a health care team, how to manage conflict and solve problems while respecting individual differences.

**OTD 7212 Clinical Communications (2 hours)**

In this course students will learn to create professional reports, explore how to develop grant proposals, and develop communication skills for interactions with clients and their families. This course will also teach effective intraprofessional collaboration between OT and OTA and interprofessional skills for interprofessional practice.

**OTD 7122 Fieldwork IC (1 hour)**

This course introduces students to the fieldwork experience and encourages them to develop a basic comfort level and understanding of the needs of clients. Level I FW will provide experiences designed to enrich didactic coursework through directed observation and selected participation of learning the OT process.

**OTD 7300 Fieldwork Preparation (3 hours)**

This course will review treatment techniques, evaluation techniques, and documentation skills to ensure students are prepared for their Fieldwork experience.

**SEMESTER FIVE (SPRING 2024)****OTD 7920 Fieldwork IIA (12 weeks) (9 hours)**

Students will engage in two full-time 12-week fieldwork placements during the spring and fall semesters. Students will apply their understanding of occupation, professional practice, therapeutic use of self, evidence-based practice, and leadership during these placements. Students will continue to focus on personal transformation as occupational therapists, applying content learned in didactic courses to clinical settings in order to develop the professional competencies of an entry-level occupational therapist.

**SEMESTER SIX (SUMMER 2024)****OTD 7255 Wellness and Health within the Community (2 hours)**

This course will explore sociocultural and socioeconomic factors that apply to occupational therapy service delivery. Students will learn and explore the role of occupational therapy in

promoting health and various teaching and learning approaches to promote health literacy within the community. Students will evaluate access to community resources and development of primary care opportunities for occupational therapy within the community.

**OTD 7342 Current Policies and Social Systems Related to OT (3 hours)**

This course will introduce current policy issues, advocacy to promote occupational therapy, and the system structures that create federal and state regulations for occupational therapy.

**OTD 7256 Faith, Health and Quality of Life (2 hours)**

This course is designed to examine the complex role of the occupational therapist in interactions with clients, colleagues, families, and the profession. Students gain an understanding of the role and impact of illness, disability, health, spirituality, and other factors on clients as well as their own life. Students will explore what it means to be a Christian in healthcare. Emphasis will be placed on self-awareness as well as awareness of others with respect to illness, pain, addictions, cultural differences and sensitivity, spirituality, and coping strategies. Discussions include faith-based foundations, including the Christian moral transition, sociocultural influences, professional codes, organizational norms, and personal ethical norms.

**OTD 7257 Servant Leadership (2 hours)**

The Core Competencies of Leadership will be introduced and meaningful ways to apply leadership skills discussed. This course will cover leadership skills related to business aspects of practice, marketing of services, quality management, servant leadership, liability issues, requirements for credentialing and licensure, professional development requirements, supervision of personnel, professional engagement, and organizational ethics. This course also prepares students for entry into and leadership within academic settings.

**OTD 7241 Service in Occupational Therapy II (2 hour)**

This second course is a continuation of information necessary for service-based occupational interventions. This course will focus on entry-level clinical practice as it relates to service in local, national, and international organizations and agencies. Students will explore the practice of occupational therapy with an emphasis on service and leadership. Pro bono services will be introduced as an act of Christian values and service. This course explores how to serve the community drawing upon faith-based beliefs and following the guidelines and history of the profession.

**OTD 8360 Doctoral Capstone Preparation (3 hours)**

In this course, students will collaborate with the professor to design their capstone project to develop knowledge in their area of interest. Per ACOTE requirements, preparation for the capstone project will include a literature review, needs assessment, goals/objectives, and an evaluation plan. This course will prepare students for the 14-week doctoral capstone experience which will occur in the final semester of the program.

**YEAR THREE: SEMESTER 7 (FALL 2024)**

**OTD 7922 Fieldwork IIB (12 weeks) (9 hours)**

Students will engage in two full-time 12-week fieldwork placements during the spring and fall semesters. Students will apply their understanding of occupation, professional practice, therapeutic use of self, evidence-based practice, and leadership during these placements. Students will continue to focus on personal transformation as occupational therapists, applying content learned in didactic courses to clinical settings in order to develop the professional competencies of an entry-level occupational therapist.

**SEMESTER EIGHT (SPRING 2025)****OTD 8140 Doctoral Capstone (14 hours)**

In this course students will complete the capstone experience. The doctoral capstone provides a comprehensive experience in the student's chosen setting for 14 weeks. Completion of a capstone project will also be a part of this course. It will emphasize the comprehensive understanding of the focused area of study.