OCCUPATIONAL THERAPY (OCCT)

Courses

OCCT 5001. Theoretical Foundations of Occupational Therapy. 2 Credit Hours.
An overview of occupational therapy, this course will address the history, philosophy, theoretical concepts, and overview of the OT Process that support the practice of occupational therapy.

OCCT 5003. Evidence-Based Practice Capstone. 3 Credit Hours.
This course provides the student with the opportunity to apply the principles of evidence-based practice in a treatment setting to an identified client. This process will include an integration of evidence-based research methods with a discussion and analysis of all aspects of occupational therapy management for the client.

OCCT 5005. The Role of Occupational Therapy in Low Vision Rehabilitation. 2 Credit Hours.
An introductory Web-based course in the field of low vision rehabilitation designed to help occupational therapy practitioners develop a comprehensive understanding of how low vision can impact an individual's occupational performance and the therapy process. Evaluation and treatment interventions utilizing a multidisciplinary approach are presented. A one-day practicum (8 hours) at the Lions Low Vision Center of Texas is required.

OCCT 5007. Occupational Justice and Participation. 1 Credit Hour.
This course traces the development of an occupational justice approach to health and well being. The student will have the opportunity to explore ways to enable participation in occupation, within a sociopolitical context.

OCCT 5010. Human Occupation across the Lifespan. 3 Credit Hours.
This course is a study of the character and purpose of human activity throughout the life span. Areas of occupation, performance skills, performance patterns, client factors, and contexts are examined for each stage of life.

OCCT 5011. Research 2: Introduction to Research & Design. 3 Credit Hours.
This course introduces the student to the purpose of research and designs appropriate for answering research questions in practice settings. Topics include quantitative and qualitative designs utilized in OT and other health professions, as well as development of a scholarly research proposal. Open for Cross Enrollment on Space Available Basis.

OCCT 5012. Application of Neural Systems to Occupation. 4 Credit Hours.
This course provides the foundation to understand the structures and functions of the developing, mature, and aging nervous system. It covers basic neuroanatomy, neurophysiology and neuropharmacology. It also applies neuroscience to clinical applications regarding pathology and patient care and thus prepares the student in those aspects of neuroscience commonly encountered in clinical practice across the lifespan. Open for Cross Enrollment on Space Available Basis.

OCCT 5013. Applied Biomechanics of Movement. 3 Credit Hours.
This course is a study of kinesiology and biomechanical principles related to human motion with application to occupational therapy assessment techniques of the musculoskeletal system. This course will provide the student with the opportunity to learn a basic knowledge of kinesiology and biomechanics of human movement in preparation for the study of the biomechanical approach to evaluation and treatment of physical dysfunction as occupational therapists.

OCCT 5014. Professional Communication in Occupational Therapy. 3 Credit Hours.
The study of effective communication skills for occupational therapists in health care relationships. The course will focus on an understanding of self-communication behaviors and development of skills to interact non-verbally and verbally with patients, health teams, supervisors, families, and groups.

OCCT 5020. Occupational Therapy Process: Neonate-Preschool. 4 Credit Hours.
A study of the theories and approaches of occupational therapy assessment and intervention for young children with developmental delays. Occupational therapy assessment and intervention as related to the areas of occupation, performance skills, performance patterns, client factors, and contexts are examined.

OCCT 5021. Service Delivery Systems 1. 2 Credit Hours.
This course explores service delivery systems that exist for infants and young children with medical conditions and developmental disabilities. Topics include the organizational culture, administrative structure, missions, documentation procedures, and team interactions associated with occupational therapy in pediatric hospitals and early intervention programs.

OCCT 5022. Environmental Technologies 1. 2 Credit Hours.
This course provides the philosophical and therapeutic basis for occupational therapy utilization of adaptive, technological, and therapeutic equipment and materials. Activity analysis and problem-solving principles are developed. Included will be environmental adaptations and adaptive equipment for personal care, leisure, and home management.

OCCT 5023. Research 1: Assessment and Research Statistics. 3 Credit Hours.
This course focuses on principles of assessment and the psychometric properties of tests. The concepts of accurate evaluation, evaluation methods, purposes of evaluation, levels of measurement, standardization, validity, reliability, and test administration are examined. Students will develop skill in selecting and using the most evidence-based and appropriate standardized assessments within the domains of the OTPF 3rd Edition.

OCCT 5024. Clinical Medicine 1. 1 Credit Hour.
This course is an overview of the manifestations of developmental disabilities in pediatric patients and their medical and surgical management.

OCCT 5025. Pathology for Occupational Therapy. 3 Credit Hours.
This course introduces the principles of human disease including a discussion of the pathogenesis, morphology, clinical course and treatment of those diseases most pertinent to the graduate occupational therapy student. The first portion of the course is devoted to the principles of general pathology while the second portion of the course is a review of systemic pathology. Open for Cross Enrollment on Space Available Basis.

OCCT 5071. Level 1 Fieldwork: Neonatal-Preschool. 1 Credit Hour.
This course is an opportunity for the student to observe and begin participation in the assessment and treatment of infants and preschool children and their families. Students will be exposed to clinical and community facilities that serve this population.

OCCT 5091. Special Topics. 1-6 Credit Hours.
This course will be arranged through departmental faculty. The course topics vary according to student interests. Semester hours are variable and credit hours will be assessed per topic. Could be offered in fall or spring summer sessions.

OCCT 6005. Introduction to Anatomy. 1.5 Credit Hour.
This introductory course examines the structures of the human body. Students will gain introductory knowledge about the major anatomical components of the skeletal, muscular, vascular and peripheral nervous systems. This course will precede CSAT 5022 Gross Anatomy. Open for Cross Enrollment on Space Available Basis.

OCCT 6020. Occupational Therapy Process: School Age. 4 Credit Hours.
A study of the theories and approaches of occupational therapy assessment and intervention for school-aged children and adolescents with disabilities and learning difficulties. Occupational therapy assessment and intervention as related to the areas of occupation, performance skills, performance patterns, client factors, and contexts are examined.

OCCT 6021. Service Delivery Systems 2. 2 Credit Hours.
This course examines service delivery systems for school-aged children and adolescents with developmental disabilities. Topics include the organizational culture, administrative structure, missions, documentation procedures, and team interactions associated with occupational therapy in public schools; transitional living programs; and prevocational and supported employment settings.

OCCT 6022. Environmental Technologies 2. 3 Credit Hours.
This course explores the assistive technologies available for use by individuals with disabilities so they may pursue educational, vocational, and recreational occupations. Included are seating and mobility devices, computer input/output technologies, augmentative and alternative communication systems, aids for individuals with sensory impairments, and electronic aids to daily living.

OCCT 6024. Clinical Medicine 2. 1 Credit Hour.
Clinical manifestations of adult biomechanical disorders will be presented. The medical and surgical management for these conditions will be described.

OCCT 6026. Psychosocial Components of OT. 4 Credit Hours.
This course provides the occupational therapy student with an understanding of psychiatric disease classification and the diagnosis and medical management of psychosocial conditions. Students will compare and contrast the contemporary bodies of knowledge in common use throughout the mental health arena and learn the specific occupational therapy evaluation and intervention procedures as they relate to each theoretical frame of reference. This course requires the student to observe, identify, and associate areas of occupation, performance skills, performance patterns, client factors, and context/environment as related to psychosocial components of participation with age-specific populations through visits to community settings.

OCCT 6027. Health Care Management. 3 Credit Hours.
This course is intended to provide the graduate student with an opportunity to assume supervisory, administrative, or management functions related to the delivery of occupational therapy services in the contemporary health care systems. The course is a study of the political, economic, legal and ethical factors that impact occupational therapy practices. Special emphasis will be given to the occupational therapy management functions of planning, organizing, directing, coordinating, controlling, and communicating.

OCCT 6030. OT Process: Adult Biomechanical Dysfunction. 4 Credit Hours.
A study of the theories and approaches of occupational therapy assessment and intervention for adults with musculoskeletal disorders. Occupational therapy assessment and intervention as related to the areas of occupation, performance skills, performance patterns, client factors, and contexts are examined.

OCCT 6031. Service Delivery Systems 3. 3 Credit Hours.
This course examines service delivery systems that exist for adults and the elderly with physical dysfunctions. Topics include the organizational culture, administrative structure, missions, documentation procedures, and team interactions associated with occupational therapy in rehabilitation hospitals, outpatient clinics, vocational settings, nursing homes, home health settings, assisted living settings, and hospice programs. This is the third in a series of courses addressing occupational therapy systems across the lifespan.

OCCT 6034. Professional Issues. 1 Credit Hour.
This interdisciplinary course is an overview of professional and ethical issues facing allied health professionals. Topics to be discussed include responsibilities of the health care practitioner, life and death decisions, patient confidentiality, substance abuse, whistle bowing, and informed consent. Ethics in research and other critical issues related to health care problems will also be addressed. Collaborative activities and simulated cases will be used to enhance discussion among students. Open for Cross Enrollment on Space Available Basis.

OCCT 6035. Concepts and Practices in Teaching. 2 Credit Hours.
The purpose of this course is to explore adult learner teaching methodologies and techniques that are applicable to classroom, clinical, or community settings. Students will define objectives, and plan and prepare instructional materials and practice skills.

OCCT 6037. OT Process: Adult Neuromuscular Dysfunction. 4 Credit Hours.
This course is a study of the theories and approaches of occupational therapy assessment and intervention for adults with sensorimotor and neuromuscular dysfunction. Areas of occupation, performance skills, performance patterns, client factors, and contexts are examined.

OCCT 6045. Clinical Medicine 3. 1 Credit Hour.
Clinical manifestations of adult neuromuscular disorders will be presented. The medical and surgical management for these conditions will be described.

OCCT 6069. Level 2 Fieldwork: Seminar. 1 Credit Hour.
This course will focus on the transition from classroom to Level 2 Fieldwork experiences. Students will have the opportunity to identify Level 2 fieldwork expectations, explore professional behaviors and ethics, review AOTA, NBCOT, and the State of Texas licensure requirements, and begin preparation for job searches.

OCCT 6070. Level 1 Fieldwork: School Age. 1 Credit Hour.
Students will have the opportunity to observe the occupational therapy process in public school, community, and supported employment settings with children and adolescents with developmental disabilities. Corequisites: OCCT 6020, OCCT 6021.

OCCT 6073. Level 2 Fieldwork A. 10 Credit Hours.
This first three-month fieldwork placement in an occupational therapy setting where the student will gain competence in providing occupational therapy services to individuals with physical dysfunctions or developmental disabilities.

OCCT 6074. Level 2 Fieldwork B. 10 Credit Hours.
This second three-month fieldwork placement in an occupational therapy setting where the student will gain competence in providing occupational therapy services to individuals with physical dysfunctions or developmental disabilities.

OCCT 6075. Level 1 Fieldwork: Elective. 1 Credit Hour.
Students are required to observe, participate in, and critique the occupational therapy process in a setting of their choice in collaboration with the Academic Fieldwork Coordinator.

OCCT 6076. Level 1 Fieldwork: Adult Neuromuscular Dysfunction. 1 Credit Hour.
Students are required to observe, participate in, and critique the occupational therapy process with adults and older adults with neuromuscular dysfunctions within community and rehabilitation settings.

OCCT 6077. Level I Fieldwork: Adult Biomechanical Dysfunction. 1 Credit Hour.
Students are required to observe, participate in, and critique the occupational therapy process with adults and older adults with biomechanical dysfunctions within community and rehabilitation settings.

OCCT 7000. Theoretical and Professional Foundations of Occupational Therapy. 3 Credit Hours.
Students in this course will explore the historical origins and philosophical base of the use of occupations in the profession. They will analyze philosophical, epistemological, and theoretical constructs of the profession from the inception of the profession to contemporary practice. They will examine the nature of occupation; the complex transactional relationship between the person, context or environment and concepts of occupational justice. Students will deconstruct the foundational concepts through experiential learning in a community setting. Throughout the course, students will examine the documents of the American Occupational Therapy Association, the World Federation of Occupational Therapy, and the World Health Organization, then evaluate and apply these guiding frameworks to professional cases.

OCCT 7001. Gross Anatomy. 6 Credit Hours.
This course provides a complete and detailed study of the structure and function of the human body including the study of human cadavers. Students will learn anatomical structures and systems of the human body and integrate knowledge of structure with function. Course fees: $861.

OCCT 7002. Applied Biomechanics of Movement. 4 Credit Hours.
This course builds on knowledge from Human Gross Anatomy and is the study of kinesiology and biomechanical principles related to human motion in preparation for utilizing the biomechanical approach for physical dysfunction. Students will gain an understanding of concepts pertaining to interactions between the person and the physical environment and begin to apply these for optimizing function and occupation. Students will develop and apply occupational therapy assessment techniques of the musculoskeletal system, orthotic fabrication, and treatment planning using therapeutic exercises and activity. Students will gain critical thinking and problem solving skills through labs, splint fabrication, exams, and case studies, for applying biomechanical principles to the delivery of occupational therapy.

OCCT 7003. Environmental Technologies 1. 3 Credit Hours.
This course provides the philosophical and therapeutic basis for occupational therapy utilization of adaptive, technological, and therapeutic media and materials. Students develop an understanding of the demands of interventional therapeutic media on clients and appraise their perception, sense of achievement and mastery through in-class experience and self-reflection. Students develop skills in applying task analysis methodologies to evaluate the occupations, client factors, performance skills, performance patterns, context(s), and environments that affect clients' participation while demonstrating skills in the use of methods for instrumental and environmental adaptation and strategies that employ assistive techniques.

OCCT 7004. Human Occupation Across the Lifespan. 3 Credit Hours.
Students will relate their knowledge and understanding of human development throughout the life span to the client's need for occupational participation by evaluating the interplay between life span development and the meaning and dynamics of occupation and activity in the domains of occupations, performance skills, performance patterns, context(s) and client factors as they enable the client to achieve health and wellness. Students will conceptualize and apply their understanding of the need for occupational participation throughout the life span to promote health and contribute to the prevention of disease and disability for their clients, their families, and society.

OCCT 7005. Occupational Therapy Process: Mental Health. 4 Credit Hours.
This course is a study of occupational therapy practice with individuals with mental health conditions. Students will advance their foundational knowledge of human behavior acquired in courses that include but is not limited to principles of psychology, sociology, and abnormal psychology as they develop and incorporate knowledge of the role and impact of sociocultural, socioeconomic, diversity factors, and lifestyle choices on the occupational participation of clients affected by mental illness. Through their understanding of the history and philosophical base of the profession of occupational therapy and their application of the theories that underlie this practice students will demonstrate the ability to select and provide direct, evidence-based occupational therapy assessment, intervention, and procedures to enhance their clients' safety, health and wellness, and performance in ADL's, IADLs, education, work, play, rest, sleep, leisure, and social participation while incorporating the role of the occupational therapy assistant in the coordination, management of care, and transition of occupational therapy mental health services from client referral to discharge.

OCCT 7006. Foundations of Research Design. 3 Credit Hours.
This is the first course in a four course sequence designed to develop students' knowledge and skills of research design to support the use of research evidence to occupational therapy practice and to develop and implement a scholarly study. The students will learn to search, access, analyze, critique, and synthesize literature; analyze philosophical orientations of research; evaluate quantitative and qualitative research designs; understand and interpret basic statistical measures used in data analysis; understand components of conducting research such as the development of research questions, sample selection, protection of human subjects, institutional review board requirements, and funding for research.

OCCT 7007. Level 1 Fieldwork: Mental Health. 1 Credit Hour.
Students will apply knowledge gained across the curriculum to practice in areas of occupation, performance skills, performance patterns, client factors, activity demands, and contexts with populations through directed observation and participation in practice settings related to mental health services. Students will apply evidence-based practice and clinical reasoning through course assignments.

OCCT 7008. Occupational Therapy Process: Pediatric Part 1. 5 Credit Hours.
This course covers occupational therapy practices with infants and children with disabilities, their families, and other significant persons. The students critique selected theoretical perspectives, models of practice, and frames of reference for evidence-based occupational therapy, including occupation-based, task/environmental adaptation, motor learning/skill acquisitional, neurodevelopmental, sensory processing, psychosocial, biomechanical and ecological views. Students will demonstrate interventions including developmental, remedial, and compensatory strategies supporting meaningful and contextual occupation. They will integrate these foundations into the occupational therapy processes for children with disabilities and their families and will ensure cultural and socioeconomic relevancy; and child- and family-centered practice; and therapeutic-use of self. Students will show competence in screening, assessment and interpretation of assessments and use findings to diagnose occupational performance. Students will demonstrate evidence-based decision making to guide assessment, intervention planning, outcome measure identification, intervention, monitoring progress/outcomes, and program termination for infants and children.

OCCT 7009. Clinical Conditions: Pediatrics. 2 Credit Hours.
Students will learn about the impact on occupational performance, pathophysiology, incidence and prevalence, sign and symptoms, diagnosis, and medical management of clinical conditions in pediatrics encountered in occupational therapy practice. Students will utilize clinical problem solving skills to apply knowledge learned through case-based learning activities related to each condition addressed.

OCCT 7010. Application of Neural Systems to Occupation. 3 Credit Hours.
This course provides the foundation to understand the structures and functions of the developing, mature, and aging nervous system. Students will differentiate structural components of the nervous system to their function, correlate neurological examination findings with structural components, and associate neurological deficits or dysfunction seen in clinical practice with damage to specific neurological systems. Throughout the course, students will utilize deep critical thinking and problem solving skills to apply anatomical knowledge to clinical case scenarios.

OCCT 7011. Research Design and Proposal. 3 Credit Hours.
This is the second course designed to develop students' skills to develop a research proposal. Students will apply knowledge they attained in Foundations of Research regarding conducting a literature review, analyzing levels of evidence, synthesizing literature, selecting appropriate research design, and maintaining ethical conduct of research to develop a scholarly research proposal. In addition, students will learn how to critique qualitative research in order to analyze and evaluate scholarly activities.

OCCT 7012. Level I Fieldwork: Pediatrics. 1 Credit Hour.
Students will apply knowledge gained across the curriculum to practice in areas of occupation, performance skills, performance patterns, client factors, activity demands, and contexts with populations through directed observation and participation in practice settings related to pediatric services. Students will apply evidence-based practice and clinical reasoning through course assignments.

OCCT 7013. Assessment Measures. 2 Credit Hours.
This course examines the various types of assessment measures used in occupational therapy practice. Students apply appropriate procedures to administer, score, analyze, interpret, and document the results of selected standardized and non-standardized assessment measures within the context of the occupational therapy process. Students apply their knowledge of the psychometric properties of standardized and non-standardized assessments in the selection of appropriate measures for their clients and client populations and determine the importance of statistics, tests, and measurements for the delivery of evidence-based practice. They assess the role of the occupational therapist and the occupational therapy assistant in the screening and evaluation process and relate the importance and rationale for supervision and collaboration in that process. Students will evaluate research-based evidence for the use of assessment tools and demonstrate an understanding of how the collection, organization, and reporting of data promotes an understanding of client outcomes.

OCCT 7014. Occupational Therapy Process: Pediatric Part 2. 5 Credit Hours.
This course covers occupational therapy practices with children and adolescents with disabilities, their families, peers, and other significant persons. The students critique selected theoretical perspectives, models of practice, and frames of reference for occupational therapy, including occupation-based, task adaptation, skill acquisitional, sensory processing, behavioral, social skill, social emotional, and ecological views. They integrate these foundations into the occupational therapy processes and ensure cultural and socioeconomic relevancy; child-centered focus; and therapeutic-use of self. Students will demonstrate evidence-based decision making to guide assessment, intervention planning, outcome measure identification, intervention, monitoring progress/outcomes, and program termination. Occupational therapy processes are examined and developed to support participation in the home, school, and community contexts. Occupations, performance skills and patterns, activity demands and client factors are discussed, with the following incorporated: sensory integration, motor skills, behavioral management, social skill and social-emotional skills, handwriting, activities of daily living, school tasks, and transitional skills.

OCCT 7015. Pediatric Service Delivery. 3 Credit Hours.
Students in this course examine service delivery systems for infants, children and young adults with developmental disabilities. Characteristics of Early Childhood Intervention (ECI) and School-based service delivery will be compared and contrasted to the medical service delivery system. Students will describe and explain the historical development and the current implementation of legislation that supports occupational therapy services with individuals with developmental disabilities including: IDEA, Section 504 of the Rehabilitation Act of 1973, American with Disabilities Act, and Every Child Succeeds Act (ESSA) of 2015. Reimbursement regulations and practices for occupational therapy will be described by the students. Students will analyze and develop implementation procedures for children with disabilities within ECI and school settings inclusive of: Free and Appropriate Education, Early Intervening Services, Response to Intervention, and IEP and IFSP processes. Students will develop IEP and IFSP documentation including assessment, goal development, implementation, document, and transition and termination processes. Students will write consultative, team collaboration, and accountability plans used with other professionals and with occupational therapy assistants. Students will explain and provide strategies for providing OT services that are socioeconomically, culturally and contextually appropriate.

OCCT 7016. Occupational Therapy Process: Adult Neuromuscular. 5 Credit Hours.
This course studies the theories and approaches of occupational therapy assessment and intervention as related to the areas of occupation, performance skills, performance patterns and contexts for adults with neurological and neuromuscular dysfunction. Students will integrate knowledge learned in other foundational courses, analyze, and apply theories, evidence-based assessments, interventions, and strategies for treatment planning and apply it to the OT process for the neuro population. Students will demonstrate high-level clinical reasoning skills in the planning and implementation of OT intervention for adults with neurological and neuromuscular dysfunction.

OCCT 7017. Clinical Conditions: Adult Neuromuscular. 2 Credit Hours.
Students will learn about the impact on occupational performance, pathophysiology, incidence and prevalence, signs and symptoms, diagnosis, and medical management of clinical conditions related to neuromuscular conditions encountered in occupational therapy practice with adults. Students will utilize clinical problem solving skills in learning activities to apply knowledge learned related to each condition addressed.

OCCT 7018. Environmental Technology 2. 3 Credit Hours.
Students will apply the Human Activity Assistive Technology (HAAT) framework to perform appropriate assessment for the provision of individualized assistive technology systems for individuals across contexts and environments. Students will be able to assess the need for and demonstrate the ability to design, fabricate, apply, fit, and train in assistive technologies and devices (e.g., electronic aids to daily living, seating and positioning systems) used to enhance occupational performance and foster participation and well-being for use by individual across lifespan. Students will also gain the skills of provide recommendations and training in techniques to enhance wheelchair management and mobility devices and applying evidence-based practice in the selection of assistive technology devices. Included are computer input/output technologies, augmentative and alternative communication systems, seating and mobility systems, electronic aids to daily living, aids for sensory impairment, and driving rehabilitation.

OCCT 7019. Inter-professional Seminar. 1 Credit Hour.
This interprofessional course provides an exploration of professional, ethical issues or leadership issues facing health professionals. Students work collaboratively in interprofessional teams reflecting on and deconstructing these issues. Students learn to articulate occupational therapy's view of the ethical, professional, and practical considerations that affect the health and wellness needs of those who are experiencing or are at risk for social injustice, occupational deprivation, and disparity in the receipt of healthcare services. Students are exposed to knowledge of global social issues and prevailing health and welfare needs of populations with or at risk for disabilities and chronic health conditions. This allows students to integrate their knowledge and understanding of the American Occupational Therapy Association (AOTA) Occupational Therapy Code of Ethics and Ethics Standards and AOTA Standards of Practice and communicate how these serve as a guide for ethical decision making in professional interactions, client interventions, and employment settings. Students will apply the knowledge content and the interprofessional exchange of ideas to identify strategies for analyzing issues and making decisions to resolve personal and organizational bias and ethical conflicts.

OCCT 7020. Teaching and Leadership. 2 Credit Hours.
This course addresses teaching and learning, leadership, and change theories integral to occupational therapy education and leadership. Students will analyze frameworks that support teaching and learning in the practice and education settings, as well as leadership approaches that support development across settings. Students will design an education module related to the Doctoral Capstone Experience and deliver a community or professional education presentation.

OCCT 7021. Level 1 Fieldwork: Adult. 1 Credit Hour.
Students will apply knowledge gained across the curriculum to practice in areas of occupation, performance skills, performance patterns, client factors, activity demands, and contexts with populations through directed observation and participation in practice settings related to adult services. Students will apply evidence-based practice and clinical reasoning through course assignments.

OCCT 7022. Level II Fieldwork A. 9 Credit Hours.
During this first 12 week full-time fieldwork placement students will apply their understanding of the occupational therapy process, professional practice and leadership. Under the direct supervision of an occupational therapist, students will advance their clinical problem solving skills and gain competence as a generalist practitioner in providing occupational therapy services to individuals with physical dysfunctions or developmental disabilities.

OCCT 7023. Level II Fieldwork B. 9 Credit Hours.
During this second 12 week full-time fieldwork placement students will apply their understanding of the occupational therapy process, professional practice and leadership. Under the direct supervision of an occupational therapist, students will advance their clinical problem solving skills and gain competence as a generalist practitioner in providing occupational therapy services to individuals with physical dysfunctions or developmental disabilities.

OCCT 7024. Adult Service Delivery. 3 Credit Hours.
This course examines service delivery systems that exist for adults with physical dysfunction. Topics include organizational structure, variations in different practice settings, professional roles, team interactions, and documentation requirements associated with successful occupational therapy practice. Students will analyze current policy issues and trends in models of service delivery that influence the practice of occupational therapy and compare and contrast the differences in the culture and requirements of settings in which services are provided for adults including hospitals, rehab centers, out-patient clinics, home health, nursing homes and long term care, vocational settings, and hospice. Through practical application, students will learn documentation (including the use of an electronic platform), coding and billing, Medicare requirements, Functional Independence Measure (FIM) scoring, GG codes, and regulations for supervising assistants.

OCCT 7025. Management and Leadership in OT. 3 Credit Hours.
This course is a study of political, economic, legal, and ethical factors that impact the healthcare system and occupational therapy practice. Students will analyze various approaches to management and supervision in the profession and the community. Through exposure to current knowledge and case scenarios students identify and demonstrate techniques of supervision and collaboration with occupational therapy assistants and other professionals concerning therapeutic interventions. Students are challenged to develop strategies for effective, competency-based legal and ethical supervision of occupational therapy and non-occupational therapy personnel. Students use self-assessments to evaluate personal and professional abilities and competencies as they relate to job responsibilities and interpret these to develop plans for improvement of personal management skills. Students are then challenged to analyze current policy issues and the social, economic, political, geographic, and demographic factors that influence the various contexts for practice of occupational therapy to select effective models of service delivery and understand their potential effect on the practice of occupational therapy.

OCCT 7026. Doctoral Seminar. 1 Credit Hour.
This course will focus on the transition from classroom to Level 2 Fieldwork experiences. Students will have the opportunity to identify Level 2 fieldwork expectations, explore professional behaviors and ethics, review AOTA, NBCOT, and the State of Texas licensure requirements.

OCCT 7027. Occupational Therapy Process: Adult Biomechanical. 5 Credit Hours.
This course is the study of occupational therapy practice with adults with musculoskeletal, orthopedic, cardiac, and oncology conditions, and requires students to apply knowledge learned in Anatomy and applied Biomechanics to integrate the content of this course. Students will analyze and apply theories, evidence based assessments, interventions, and strategies for treatment planning to support the occupational therapy process and demonstrate clinical reasoning skills in the use of treatment procedures and modalities utilized in the biomechanical approach. Students will learn and demonstrate effective interventions that include physical agent modalities, therapeutic exercises, ergonomic applications, manual therapy techniques, advanced orthotic fabrication and serial casting. The students will describe the use of these assessments and interventions for clients with disability in the participation of occupation in their home and community.

OCCT 7028. Clinical Conditions: Adult Biomechanical and Medical. 2 Credit Hours.
Students will learn about the impact on occupational performance, pathophysiology, incidence and prevalence, signs and symptoms, diagnosis, and medical management of clinical conditions related to biomechanical and medical conditions encountered in occupational therapy practice with adults. Students will utilize clinical problem solving skills in learning activities to apply knowledge learned related to each condition addressed.

OCCT 7029. DIR-FCD Basic Certification Course. 1 Credit Hour.
This course will allow occupational therapy doctoral students who enroll in this elective at UT Health San Antonio to be the first in the nation to attain a BASIC Certificate in the DIR Model through Profectum and it will afford them the opportunity to gain exposure to a network of clinicians, around the world, who endeavor to engage in continuous professional growth, creativity and advancement of the field of assessment and intervention. DIR, also commonly known as Floortime, is a truly integrative assessment and intervention approach which will enhance participating OTD students clinical capacities for supporting children with autism spectrum disorders (ASD) and other developmental and mental health challenges. Course fees: $300 Prerequisites: OCCT 7008.

OCCT 7030. Doctoral Capstone Proposal Development 1. 3 Credit Hours.
This is the first course designed to support students' integration of coursework into conceptualization of their doctoral capstone. Students will explore theoretical frameworks and models to guide their area of inquiry. They will continue their investigation of research design as it relates to program evaluation, program outcomes, and other outcome measures. Students will analyze and synthesize the literature in an area of interest and develop a base of support for their proposed focus area.

OCCT 7031. Doctoral Capstone Proposal Development 2. 2 Credit Hours.
This is the fourth course in a four course sequence designed to prepare students to develop their individual plan for their doctoral capstone. Students will integrate their knowledge of theoretical frameworks, research design, and professional issues to develop a proposal for their doctoral capstone. Students will create and present a culminating project that connects theory to practice in a professional area that represents their intended focus for their doctoral capstone. These areas may include occupational therapy practice, research in a focused area, leadership/management, teaching/academia, or program development/community engagement.

OCCT 7032. Doctoral Capstone Experience. 1-10 Credit Hours.
The student will be immersed in an in-depth experience to support development of advanced skills and practice beyond a generalist in one or more of the following areas: advanced clinical practice, research, leadership/management, teaching/academia, program development/community engagement. Students will finalize their specific learning objectives in collaboration with a faculty mentor and complete the experience in a mentored setting with faculty mentor support.

OCCT 7033. Doctoral Capstone Project. 2 Credit Hours.
Students, with guidance from their faculty mentor, will complete and disseminate an individual, scholarly project related to their doctoral capstone experience that demonstrates synthesis of in-depth knowledge in their focused area of study. Students will also take the NBCOT practice exam as part of this course.

OCCT 7091. Selected Topics in Occupational Therapy. 1-9 Credit Hours.
This course comprises selected topics in one of three major disciples: physical therapy, occupational therapy and speech language pathology. This will be conducted under the supervision of a faculty advisor.

OCCT 7097. Research in Rehabilitation Sciences. 3-6 Credit Hours.
This course comprises independent and original research in one of the three major disciples: Physical Therapy, Occupational Therapy or Speech-Language Pathology. This will be conducted under the supervision of a faculty advisor.

OCCT 7110. Advanced Occupational Therapy Theory and Practice. 3 Credit Hours.
Students will explore and analyze the complex process of knowledge generation in the profession through the theories and epistemologies that have shaped contemporary occupational therapy practice. Students will explore the development of theories, societal and systems influences on the theoretical evolution of the profession, and influences on epistemic reflexivity in the profession.

OCCT 7114. Advanced Evidence-based Practice in Occupational Therapy. 3 Credit Hours.
Students will explore the nature of evidence-based practice as it relates to the trajectories of research and practice in the profession. This course will emphasize critical analysis of research, knowledge translation, diffusion of evidence into practice, and implications for future developments of research in occupational therapy.

OCCT 7115. DIR-FCD Basic Certification Practicum. 0.5 Credit Hours.
This hands-on course will allow occupational therapy doctoral students to apply what they learn from the course in a clinic setting. DIR, also commonly known as Floortime, is a truly integrative assessment and intervention approach which will enhance participating OTD students clinical capacities for supporting children with autism spectrum disorders (ASD) and other developmental and mental health challenges. Course fees: $300 Prerequisites: OCCT 7029.

OCCT 7125. Population Health and Occupational Therapy. 3 Credit Hours.
Students will explore aspects of population health from an occupational therapy theoretical and practice perspective. This course will emphasize occupational perspectives related to social determinants of health, an occupation-based approach to management of chronic conditions, and national and global perspectives on the role of occupational therapy in addressing factors related to population health.

OCCT 7130. Doctoral Capstone Project. 2 Credit Hours.
Students, with guidance from their faculty mentor, will complete and disseminate an individual, scholarly project related to their doctoral capstone experience that demonstrates synthesis of in-depth knowledge in their focused area of study.

OCCT 8000. Teaching Practicum. 0 Credit Hours.
The course is an elective, directed learning experience that enables students to serve as teaching assistants under the supervision of course faculty. Participants may assist with developing and delivering supplemental instruction, providing support to course faculty, providing review and tutoring sessions, and assisting with evaluating students. Permission is required to enroll.