

# Occupational Therapy (OTHR)

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**OTHR 5001. Developmental Perspectives in Occupational Therapy. 2 Credit Hours.**

This course explores human development and the relation to occupational performance. A study of sensory, physical, cognitive, emotional and sociocultural aspects of human development is emphasized to analyze occupational performance. Lecture, small group, and active learning experiences enhance the analysis and synthesis of developmental perspectives with occupational therapy practice.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5014.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5002 and OTHR 5005.

**OTHR 5002. Theoretical Perspectives of Occupation. 2 Credit Hours.**

This course will explore the meaning and purpose of human occupation. Theoretical perspectives of occupation will analyze the construction of skills, habits, roles, and occupations for individuals and populations within various social and cultural contexts. Lecture, small group, and active learning experiences enhance the analysis and synthesis of theoretical perspectives of occupation.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 5003. Group Dynamics in Occupational Therapy. 3 Credit Hours.**

This course examines teams, social systems, interdepartmental relationships, and intradepartmental relationships in the health care delivery process. A combination of lecture, discussion and training is used to explore concepts and theories of interdisciplinary group process, group formation, development, and structure and their application within the context of occupational therapy. In assigned groups, students develop healthcare group protocols to monitor progress, measure outcomes, set goals, and engage in group leadership roles. Students learn to employ constructive feedback to modify and enhance their ability to function as group members and group leaders. This course affords students the opportunity to analyze and apply theories of group dynamics and current literature regarding the use of groups in occupational therapy.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5185.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5015 and OTHR 5019.

**OTHR 5005. Neuroscience Perspectives in Occupational Therapy. 4 Credit Hours.**

This course examines nervous system structures and function to analyze neurobehavioral performance. Lecture, small group, and active learning experiences enhance the analysis and synthesis of neuroscience perspectives with occupational therapy practice.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 5008. Kinesiology Perspectives in Occupational Therapy. 4 Credit Hours.**

This course covers the most important features of gross anatomy including detailed study of bones, muscles, blood vessels, and peripheral nerves. Emphasis is placed on functional anatomy of the extremities, head, neck, and back. Additionally, biomechanical principles of joint and muscle structure and function are applied to occupational performance. Students will learn assessments and techniques most commonly used in occupational therapy practice including goniometry of range of motion (ROM), manual muscle testing (MMT), muscle palpation, and body transfers.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 8003.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5005.

**OTHR 5009. Entrepreneurship in Health Professions. 3 Credit Hours.**

The course is designed to introduce students in health professions to entrepreneurship. The goal of the course is to demonstrate the links between knowledge, experience, skills and commercial possibilities.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 5013. Medical Perspectives in Occupational Therapy. 3 Credit Hours.**

General medicine diagnoses that are leading causes of disability in children, adolescents, adults, and older adults are defined and described. Etiology, signs, symptoms, clinical course, medical management, morbidity, and prognosis are reviewed. The influence of medical pathology on activities of daily living, life routines, social participation, and occupational performance is examined.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5005.

**OTHR 5014. Person-Environment Dynamics in Occupation. 1 Credit Hour.**

This course will apply theoretical, developmental, and kinesiology perspectives of occupational performance within experiential learning opportunities. This course introduces the synthesizing of perspectives for designing and implementing meaningful activities and occupations for individuals or populations considering the reciprocal and dynamic nature of person-environment interactions. This course introduces activity adaptation and behavioral documentation through participation in meaningful occupation.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5001.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5002.

**OTHR 5015. Human Dynamics in Occupational Therapy. 3 Credit Hours.**

This course focuses on the concepts of professional development and group dynamics. An overview of the history, philosophy, ethics, and core values of the profession is discussed as orientation to professional identity. Students learn basic interpersonal and clinical skills in preparation for OT practice. Students are introduced to the principles of the interdisciplinary group process, through task and developmental analysis groups. Students will develop healthcare group protocols to monitor progress, measure outcomes, set goals, and engage and communicate in varied group roles. The course is designed to familiarize the student with the basic principles underlying group behavior, dynamics, and process within clinical contexts, and the evolution of professional role identity.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 5019. Theoretical Perspectives in Occupational Therapy. 2 Credit Hours.**

This course examines the theories that guide occupational therapy practice. Through didactic and experiential learning activities, the student analyzes activity, performance, and contextual demands, and analyzes theoretical and clinical reasoning to situations across medical, educational, and community settings for clients, populations, and organizations.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5151.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5002.

**OTHR 5104. Occupational Therapy Practice: Mental Health. 5 Credit Hours.**

This course will explore the history of mental illness in our society as well as the impact of laws on treatment and access to occupational therapy services. Students will examine and build skills in psychosocial interventions used in occupational therapy. Students will examine the theoretical basis, evaluation tools and practice application of individual, group and consultation psychosocial interventions used by occupational therapists. In small groups, students will design and implement evidence based therapeutic activity groups which are developmentally sensitive to social participation as well as adhere to a theoretical base. The role of Occupational Therapy in psychosocial intervention as it relates to public health will also be explored.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5001, OTHR 5013, and OTHR 5014.

**OTHR 5105. Occupational Therapy Practice: Children & Youth. 5 Credit Hours.**

This course applies occupational therapy domains and processes for therapeutic interactions with children and youth participating in medical, educational, and community contexts.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5185.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5001, OTHR 5013, and OTHR 5019.

**OTHR 5123. Occupational Therapy Practice: Assistive Technology. 4 Credit Hours.**

Assistive technology devices and services have the potential to impact the lives of persons with disabilities, resulting in increased independence and participation in their daily activities and to support occupational performance, participation, health and well-being. This course focuses on learning about the various types of assistive technology devices and occupational therapy services including but not limited to evaluation and assessment, selection and training, procurement, legislation and funding. Students gain basic understanding, knowledge and skills of these applications as they pertain to communication, learning, and environmental issues encountered by people with disabilities including wheeled mobility and positioning issues, virtual environments, and telehealth.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5286.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5219.

**OTHR 5151. Research I: Evidence-Based Practice in Occupational Therapy. 3 Credit Hours.**

This course emphasizes the use of current research evidence in healthcare evaluation, decision making, and intervention; the process of evidence-based practice. Research 1 provides foundational knowledge that allows students to articulate and interpret the OT professional, appraise new knowledge, contribute new knowledge, and interpret and apply this knowledge to OT practice. An introduction through in-depth examination of research and its relationship to OT practice will be facilitated. Students will gain an understanding of why OT practitioners need to comprehend research, finding and reading evidence, understanding variables as a foundation to evaluating evidence, what statistics reveal and how they are applied in OT practice, validity as an indicator of strong evidence, efficacy indicators for selecting intervention, the role of descriptive and predictive research in understanding conditions and outcomes prediction, qualitative designs for exploration of lived experience, systematic reviews and practice guideline and the integration of evidence from multiple resources.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5019.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5002.

**OTHR 5152. Research II: Design and Methodologies in Occupational Therapy. 2 Credit Hours.**

This course provides an introduction and an in-depth examination of research and its relationship to practice. Students will gain an understanding of theory-based research, methodological considerations in the design of research, ways of evaluating practice, and approaches to understanding and analyzing research results. Based on knowledge obtained in this course, students will critique and synthesize research on a variety of OT-related topics. Course assignments will provide students with the requisite skills for critically reviewing and incorporating research evidence into clinical decision-making. Learning will occur through pre-class readings and online activities, lectures, course activities, discussions, and assignments. Knowledge gained through this course can be used in the evaluation of OT services and in designing and implementing beginning level research projects.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5105, OTHR 5222.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5151.

**OTHR 5161. Occupational Therapy Service Delivery & Management. 3 Credit Hours.**

The principles of management in the provision of occupational therapy are considered in depth, including the principles of organizing, planning, directing, controlling, budgeting and communicating services. A variety of systems and models are examined in relation to the marketing and delivery of occupational therapy services, including medical, community, education, and social models.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5003.

**OTHR 5185. Occupational Therapy Practice: Fieldwork IA. 1 Credit Hour.**

Students are assigned to a variety of clinical sites with opportunities to observe clients and practitioners, practice clinical skills, and study professional behaviors. Students will interact with clients across the lifespan and with various diagnoses and disabilities. Students are supervised by an occupational therapy practitioner or a Level II occupational therapy student.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5003, OTHR 5105, OTHR 5222.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of B- in OTHR 5001, OTHR 5008, OTHR 5014, and OTHR 5019.

**OTHR 5219. Occupational Therapy Practice: Community and Social Participation. 3 Credit Hours.**

This course explores, examines, and innovates occupational therapy's role in promoting community and social participation. The student gains an understanding of how to embed community and social participation in the therapeutic process, and distinguish the difference between therapy participation and community and social participation. Basic concepts of public health are also examined.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5285.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5105.

**OTHR 5221. Health & Wellness in the Community. 3 Credit Hours.**

This course explores, examines, and innovates the occupational therapist's role in health and wellness in the community. The student learns how to promote health and wellness programs for individuals, populations, and organizations using contemporary occupational therapy and health behavior models.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5219.

**OTHR 5222. Occupational Therapy Practice: Adults and Older Adults. 6 Credit Hours.**

This course presents an overview of the evaluation process, treatment planning, and documentation of occupational therapy services for adults/older adults across the continuum of practice settings. Students examine the theoretical basis, evaluation tools and occupational therapy interventions for adults/older adults as individuals, groups and populations. Students design evidence based interventions to promote performance in occupations based on the client's unique needs and environment. Students gain skills in the utilization of professional resources for evaluation and intervention planning. Through this process, students gain experiences in integrating theory/frames of reference, activity analysis, theories of human development, and human occupation. Students identify and apply clinical reasoning and therapeutic use of self in evaluation, delivery, and documentation of occupational therapy services. Students also have the opportunity to apply classroom knowledge and experience to the Fieldwork Level I experience that is a co-occurring course as well as to bring Fieldwork examples into the classroom for enhanced learning via discussion and assignments.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5185.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5008, OTHR 5013, and OTHR 5019.

**OTHR 5251. Research III: Implementation in Occupational Therapy. 1 Credit Hour.**

This course is a follow-up to Research II: Proposal Development. Students implement the research study developed in Research II. Data collection sites are established, and data are collected, organized, analyzed, and interpreted in this course under the guidance of a research mentor.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5152.

**OTHR 5252. Research IV: Outcomes & Dissemination Promoting Occupational Therapy. 1 Credit Hour.**

This course is a follow-up to Research II: Proposal Development and Research III: Implementation in Occupational Therapy. Students write a research paper that summarizes and presents the information obtained from Research II and III. This information is written as a journal manuscript and is presented to an audience of students and faculty.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5251.

**OTHR 5285. Occupational Therapy Practice: Fieldwork IB. 1 Credit Hour.**

Students are assigned to non-traditional fieldwork settings at varied community sites. They have an on-site supervisor, who is not an occupational therapist, but a leader and role model within their community setting. Students also meet weekly with a faculty fieldwork preceptor to assist with professional skill development including, but not limited to, clinical reasoning, reflection, collaboration, and problem-solving. Together they discuss the role and need of occupational therapy in their assigned sites and the factors effecting occupational performance, treatment, and meeting goals.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of P in OTHR 5185.

**OTHR 5286. Occupational Therapy Practice: Fieldwork IC. 1 Credit Hour.**

Students are assigned to a variety of clinical sites with opportunities to observe clients and practitioners, practice clinical skills and professional behaviors. Students interact with clients across the lifespan and with various diagnoses and disabilities. Students are supervised by an occupational therapy practitioner or a Level II occupational therapy student.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of P in OTHR 5285.

**OTHR 5287. Intensive Occupational Therapy Practice: Fieldwork IIA. 1 to 9 Credit Hour.**

This course entails three months of full-time supervised fieldwork experience with the opportunity to treat individuals with a variety of diagnoses across the lifespan and to complete a professional reasoning master's project. Fieldwork Level II is an in-depth experiential learning experience that is critical to occupational therapy education. In supervised settings, students apply their academically acquired body of knowledge in varied settings where occupational therapy services are provided. A facilitated professional reasoning experience requires students to examine the application of theories and evidence to support evaluation and intervention in the occupational therapy process. A master's project culminates in a needs analysis and project implementation serving the needs of the clients or setting of the fieldwork experience.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of B- (except where noted) in OTHR 5123, OTHR 5222, and OTHR 5286 (P or higher)

**OTHR 5288. Intensive Occupational Therapy Practice: Fieldwork IIB. 9 Credit Hours.**

This course entails three months of full-time supervised fieldwork experience with the opportunity to treat individuals with a variety of diagnoses across the lifespan and to complete a professional reasoning master's project. Fieldwork Level II is an in-depth experiential learning experience that is critical to occupational therapy education. In supervised settings, students apply their academically acquired body of knowledge in varied settings where occupational therapy services are provided. A facilitated professional reasoning experience requires students to examine the application of theories and evidence to support evaluation and intervention in the occupational therapy process. A master's project culminates in a needs analysis and project implementation serving the needs of the clients or setting of the fieldwork experience.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of P in OTHR 5287.

**OTHR 5301. Professional Development and Learning in OT Education. 1 Credit Hour.**

This course will explore professional development in occupational therapy practice and post-professional education. Students will develop professional and academic plans in relation to curricular development, adult learning, professional and scientific writing, and professional association engagement.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5019.

**OTHR 8002. Clinical Skills I: Perspectives in Occupational Therapy. 2 Credit Hours.**

In this course, an overview of the history, philosophy, ethics, and core values of the profession is discussed as orientation to professional identity. Students are also introduced to knowledge of the social determinants of health for persons, groups, and populations with or at risk for disabilities and chronic health conditions. Students are introduced to the principles of evidence-based practice, clinical reasoning, and ethical decision making. Students are familiarized with the use of documentation procedures to set goals, monitor progress, and measure outcomes. Basic interpersonal and clinical skills in preparation for OT practice will also be learned.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8003. Clinical Skills II: Fundamentals of Practice. 2 Credit Hours.**

This course is designed to familiarize students with the fundamental skills that are required in traditional, emerging, and community-based practice settings. Students will develop interview and observation skills, learn basic health monitoring skills, and acquire fundamental skills for supporting clients. Students will continue to develop evaluation, documentation and goal-setting skills.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Co-requisites:** OTHR 5008.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in OTHR 5005 and OTHR 8002.

**OTHR 8100. Topics in Occupational Therapy Specialty. 1 to 3 Credit Hour.**

Advanced knowledge from academic, administrative, and/or clinical management perspectives in occupational therapy area of specialty.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**OTHR 8121. Environmental Adaptations. 3 Credit Hours.**

This course has two modules: 1) Ergonomics: the student learns the principles of ergonomics from both pre-and post-injury perspectives and will apply these principles in assessment and recommendations for people with and without disabilities. 2) Computer access and learning software address a range of computer access adaptations and software for the differently-abled client in the home, educational setting, and work environment.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8122. Studies in Assistive Technology. 3 Credit Hours.**

The course has three modules: 1) Introduction to the range and scope of assistive technology for work, school, and play. Using a cross disability perspective, students learn about high and low tech devices and solutions for functional challenges across settings. 2) Principles and technologies for postural control, deformity, and pressure management as well as seating comfort. Types of switches and switch activation for mobility are explored. 3) Addresses major public funding sources for financing technology including medical assistance, special education, and vocational rehabilitation as well as the process for obtaining and implementing assistive technology.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8131. Assessment Tools for Pediatric Occupational Therapy Practice. 3 Credit Hours.**

Hands-on comparison and analysis of selected assessment tools common in pediatric practice are expanded to goal setting and treatment planning.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8132. Occupational Therapy Intervention in Pediatrics. 3 Credit Hours.**

Concepts in occupational therapy intervention in pediatrics are explored and related to treatment planning and intervention procedures in the varying contexts in which pediatric occupational therapists are employed.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8133. Family Centered Care. 3 Credit Hours.**

Students have the opportunity to explore family systems, parent/caregiver professional partnerships, family centered services, family centered teams, and interagency collaboration. They explore models of self help, empowerment, and service delivery as well as techniques for eliciting and developing family service plans and interagency networking.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8134. Developmental Issues in the Early Years: An Occupational Therapy Perspective. 3 Credit Hours.**

Current social, cultural, legal, and economic trends affecting developmental dysfunction and occupational therapy intervention in physical, sensory, perceptual, cognitive, and psychosocial areas, from neonatal to adolescence are explored.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8141. Concepts of Gerontological Rehabilitation I. 3 Credit Hours.**

An introduction to the fields of geriatrics and gerontology, with special emphasis given to the review of theoretical perspectives and research in gerontological rehabilitation, as well as biological, social, medical, psychological/psychiatric, and environmental factors that influence the aging process.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8162. Advanced Management in Health Related Service Delivery. 3 Credit Hours.**

An examination of management, administrative, economic, legal, and social issues as they impact upon the provision of occupational therapy services and other health related professions. This course illuminates the unique facet health care occupies within the free market and how occupational therapy and other health related services fit within that definition. Particular emphasis will be placed upon economics and the application of these concepts in optimizing service delivery.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8172. Neurobiological Foundations of Sensory Integration. 3 Credit Hours.**

The development of the theory of sensory integration is presented. The neurobiological foundations of the theory are examined in light of current research. The application of this information to the therapeutic intervention is addressed and demonstrated through videotapes and practice sessions.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8173. Sensory Integration and Praxis Test (SIPT) Administration and Interpretation. 3 Credit Hours.**

The standardization methods, reliability, and validity of the 17 tests of the SIPT battery are analyzed. The mechanics of each test are presented and practiced in a supervised setting. Students are individually observed in test administration. The testing of sensory processing as one aspect of sensory integration is included. The interpretation of findings, report writing and establishment of treatment goals are practiced. Gathering evidence of sensory integration and sensory processing problems based on a variety of measurement instruments is also addressed. Students are eligible for Sensory Integration International certification on completion of OTHR 8172 and OTHR 8173 and successful completion of the SIPT certification examination.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8174. Sensory Integration Practice Applications. 3 Credit Hours.**

The application of sensory integration and sensory processing principles to occupational therapy intervention are presented. Techniques used in various settings and with various conditions are addressed and demonstrated through videotapes, clinic visits, practice sessions, and case presentations.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8509. Leadership in the Health Professions: The Art and Science of Influence. 3 Credit Hours.**

Health professionals, both clinical and academic, have the responsibility to exercise leadership in the advocacy for safe, effective, and quality health services. The accountability for this leadership is shared by all health professionals at all organizational levels. The competitive health care market presents professionals with a variety of leadership challenges. Artful and evidence-based leadership is a critical element for all those who aspire to be thought leaders/entrepreneurs in health professions education, health-related research, health policy and practices and the delivery of health care. This online course is designed to introduce students to the process of leadership: a process by which influence is exercised. A variety of active learning techniques and case study analyses will be used to explore theoretical concepts of leadership and the practical application of these concepts into daily life. An important outcome of the course is the development of a leadership portfolio that will contain items such as case studies, class presentations, and a personal leadership plan.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**College Restrictions:** Must be enrolled in one of the following Colleges: College of Public Health.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8511. Clinical Education and Fieldwork Supervision. 3 Credit Hours.**

This course allows occupational therapists who have been, or who would like to be involved with clinical education, to acquire foundational knowledge within the triad of domains comprising clinical fieldwork education: teaching and learning, the mentoring/supervisory relationship, and administration. Students evaluate selected learning theories and learning style assessments, are introduced to models of supervision, and have an opportunity to apply them as part of a final course project. An administrative component provides opportunities to design site-specific goals and to explore available resources for establishing and improving clinicians' respective fieldwork programs.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.



**OTHR 8512. Studies in Outcome Measures and Analysis. 3 Credit Hours.**

This course will explore outcome measurement theories and practices, and the development of competence in the application of these concepts to evidence-based clinical practice and program management. Analysis of outcome measures is the primary focus in the second half of the course including applied statistical procedures. Outcome measurement, analysis, and program evaluation is core to the practice of Occupational Therapy. Evaluation of the results of clinical interventions and overall client reaction has long been held as a core value of occupational therapy practice. Current international health care trends reflect the concepts of participation in meaningful life experiences within the environmental and sociocultural context.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8513. Evidence-Based Practice and Clinical Research. 3 Credit Hours.**

Students will explore the most appropriate research designs and methodologies for clinical research and apply these in their clinical practice area. They will implement the four main steps of evidence-based practice including developing a clear clinical question related to client problems, completing a search of the literature, critiquing the evidence, and applying findings to clinical practice. The implications for evidence-based practice in the profession of occupational therapy will be explored.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8514. Occupational Based Theories and Participation. 3 Credit Hours.**

This seminar traces the historical foundations of occupation as the central paradigm of the profession. It explores literature across professions which explicate the underlying principles including foundations laid by the Occupational Behavior paradigm and the Model of Human Occupation, the Models of Occupational Adaptation, Ecology of Human Performance, and Person - Environment - Occupation in their usefulness in addressing the issues in the disabled and well populations. Principles of Occupational Science are explored and applied as a foundation for these approaches. The concept of participation is discussed as a key component of health according to the International Classification of Functioning (ICF) (World Health Organization) and a major outcome of the Occupational Therapy Practice Framework. It includes the importance, performance, and satisfaction with the involvement in life roles. The student examines environmental factors that facilitate physical access, improve psychological awareness and empowerment, and utilize advocacy for positive social change across the lifespan.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**OTHR 8901. Capstone Project. 3 Credit Hours.**

Each student completes a capstone project while enrolled in the course. The capstone project reflects the goals of the program as well as the goals of the student as structured by the student's learning objectives as directed and informed by the development of a professional portfolio. The advisor recommends resources and provides guidance within a class forum. The project must be founded in evidence-based practice and either be supported by evidence in peer-reviewed literature or provide outcomes identifying the effectiveness of the project. Students start exploring the literature for their projects in the Evidence-Based Practice and Clinical Research course and explore possible outcome measures for the project if appropriate in the Studies in Outcome Measures and Analysis core course. The field study may provide opportunities for implementation of their project or clinical experiences in areas related to the project. The results of the capstone project are disseminated to the appropriate audiences through presentations, demonstrations, publications, and/or incorporation into a program.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** (OTHR 8512, OTHR 8513, OTHR 8514, and OTHR 9089)

**OTHR 8902. Capstone Project Inquiry. 1 Credit Hour.**

This course is the first in the capstone series that focuses on identifying an occupational therapy focused clinical problem and gaining skills to comprehensively understand the literature surrounding the area of interest. The course will include the development of a capstone question and literature review for an area of development in occupational therapy. Each student will have a faculty mentor to guide the capstone development.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of B- in OTHR 8513.

**OTHR 8903. Capstone Project Proposal. 1 Credit Hour.**

The second capstone series course will evaluate a research methodology or program development plan based on the first capstone series inquiry. Directed readings, individualized sessions, research and evaluation ethics, institutional research board protocol with a faculty advisor will culminate in a proposal presentation in preparation for the third capstone implementation course.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of B- in OTHR 8902 and OTHR 8512.

**OTHR 8904. Capstone Project Implementation. 1 Credit Hour.**

The third capstone series course will implement the capstone proposal plan based on the second capstone series course. Directed readings and individualized sessions with a faculty advisor will culminate in data collection and analysis of research or program evaluation data.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Degree Restrictions:** Must be enrolled in one of the following Degrees: Clin Doctorate in Occup Therap.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of B- in OTHR 8903.

**OTHR 8905. Capstone Project. 1 Credit Hour.**

Each student will complete a capstone project while enrolled in the course. The capstone project will reflect the goals of the program as well as the goals of the student as structured by the student's learning objectives as directed and informed by the development of a project proposal. The advisor and the mentor will recommend resources and provide guidance within a class forum. The project must be founded in evidence-based practice and either be supported by evidence in peer-reviewed literature or provide outcomes identifying the effectiveness of the project. Students start exploring the literature for their projects in the Evidence-based Practice and Clinical Research course and explore possible outcome measures for the project if appropriate in the Outcome Measures and Program Evaluation core course. The Field Study may provide opportunities for implementation of their project or clinical experiences in areas related to the project. The results of the capstone project will be disseminated to the appropriate audiences through presentations, demonstrations, publications and/or incorporation into a program.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**Pre-requisites:** Minimum grade of B- in OTHR 8904.

**OTHR 9082. Independent Study. 1 to 6 Credit Hour.**

Focus is on furthering the student's knowledge and skills in a specialized area of individualized study.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**OTHR 9089. Field Study and Professional Portfolios. 3 Credit Hours.**

This is a mentored field study experience. The field study requires the student to complete 4 weeks or 160 hours of mentored experience with experts in the area of exploration or development. The field study is directed and informed by the student's leadership objectives and are reflected in a portfolio required for degree completion. Master's clinicians, researchers, or educators will be identified by the student and the faculty advisor for the field study. The mentor does not have to be an occupational therapist although must specialize in an area related to the profession. The student along with the mentor or mentors and the faculty advisor identify specific goals for the field study related to the student's specialty practice area. The field study may focus on expanding specialty clinical skills, collecting data for the capstone project, or expanding skills related to clinical education. As part of this course, students participate in a professional portfolio seminar with a Temple faculty member where they learn the uses, types, and content of professional portfolios in order to best develop their own portfolio reflecting learning experiences within the doctoral program. Students learn to evaluate and organize the evidence of learning related to their experiences with the field study, coursework, and the capstone project. The end product of the course is the completion of at least 4 weeks or 160 hours of mentored experience, along with an extensive portfolio and e-portfolio reflecting a professional development plan.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.