

Course Descriptions
Entry-Level OT Doctoral Program (OTD)
OTDE Course Titles & Descriptions

| Prefix Number | Title | Credit Hours |
|--|---|---------------------|
| OTDE 8101 | Scholarly Research | [1-0] |
| Students will design and implement a scholarly study that aligns with current research priorities and advances knowledge translation, professional practice, service delivery, or professional issues with the approval of the faculty. Prerequisite: Successful completion of all previous OTD coursework. | | |
| OTDE 8102 | Scholarly Research | [1-0] |
| Students will design and implement a scholarly study that aligns with current research priorities and advances knowledge translation, professional practice, service delivery, or professional issues with the approval of the faculty. Prerequisite: Successful completion of all previous OTD coursework. | | |
| OTDE 8103 | Scholarly Research | [1-0] |
| Students will design and implement a scholarly study that aligns with current research priorities and advances knowledge translation, professional practice, service delivery, or professional issues with the approval of the faculty. Prerequisite: Successful completion of all previous OTD coursework. | | |
| OTDE 8104 | Scholarly Research | [1-0] |
| Students will design and implement a scholarly study that aligns with current research priorities and advances knowledge translation, professional practice, service delivery, or professional issues with the approval of the faculty. Prerequisite: Successful completion of all previous OTD coursework. | | |
| OTDE 8105 | Practicum I – Population-Community Based | [0-3] |
| Evaluate community resources and design a community program to support occupational performance for persons, groups, & population. Will participate in community-based practice and population-based events such as needs of the elderly, health/wellness programs, community centers, homeless populations, and Operation Lone Star. The accompanying seminar allows students to share and process their experiences, further integrate course material, and provide a common link between associated classes. Prerequisite: Successful completion of all previous OTD coursework and concurrently with Population, Community & Culture. | | |
| OTDE 8106 | Practicum II – Pediatrics | [0-3] |
| Observation and experience in a university-approved pediatric and adolescent facility; supervised by occupational therapists, educators, and allied health professionals. The accompanying seminar allows students to share and process their experiences, further integrate course material, and provide a common link between associated classes. Prerequisite: Successful completion of all previous OTD coursework and concurrently with OT Intervention I: Pediatrics and OT Skills in Pediatrics. | | |
| OTDE 8107 | Practicum III – Adults/Elderly | [0-3] |
| Observation and experience in a university-approved adult / elderly facility; supervised by occupational therapists, educators, and allied health professionals. The accompanying seminar allows students to share and process their experiences, further integrate course material, and provide a common link between associated | | |

classes. **Prerequisite:** Successful completion of all previous OT coursework and concurrently with OTD Intervention II: Adults & Elderly and OT Skills in Adults & Elderly.

OTDE 8108 **Capstone Proposal** **[1-0]**

Students will develop a proposal for the capstone practicum that provides in-depth experience in advanced clinical practice, scholarship, administration, leadership, advocacy, program and policy development, education, or theory development. The student will develop specific learning objectives for the experience in collaboration with faculty or Academic Capstone Coordinator. Once the proposal is approved, the student will collaborate with faculty or Academic Capstone Coordinator and site mentors to carry out the experience in the final semester of the program. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8109 **Scholarly Research Dissemination** **[0-3]**

The student will complete a written report of their scholarly research study and present it orally to a panel of expert reviewers. The final paper describing the findings will be submitted either for publication or presentation. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8110 **Doctoral Capstone Project** **[1-0]**

The student completes a culminating project (while working on Doctoral Capstone Experiences) that relates theory to practice and demonstrates the synthesis of advanced knowledge in a practice area. Students will demonstrate skills of self-direction, self-sufficiency, independence, and professionalism expected at the doctoral level. A final written report and oral presentation are required or carried over to OTDE 8108.

Prerequisite: Students must have successfully completed the Professional Program and concurrently with Doctoral Capstone Experience.

OTDE 8111 **Doctoral Capstone Project** **[1-0]**

The student completes a culminating project (while working on Doctoral Capstone Experiences) that relates theory to practice and demonstrates the synthesis of advanced knowledge in a practice area. Students will demonstrate skills of self-direction, self-sufficiency, independence, and professionalism expected at the doctoral level. A final written report and oral presentation are required. **Prerequisite:** Students must have successfully completed the Professional Program and concurrently with Doctoral Capstone Experience.

OTDE 8201 **Human Conditions** **[2-0]**

This course will examine the signs, symptoms, medical management, and pharmacological management of general medical, neurological, orthopedic, and psychiatric conditions relevant to occupational therapy interventions and occupational performance. **Prerequisite:** Acceptance into the OTD Program.

OTDE 8202 **Quantitative Research in OT** **[2-0]**

This course engages the student in the design and implementation of quantitative research, the evaluation of quantitative research studies, and the interpretation of statistics as applied to occupational therapy. The student applies principles of evidenced-based practice investigation, critiques and demonstrates foundational knowledge of quantitative research methodology, engages in beginning-level data analysis and interpretation, and is introduced to the process of presentation and publication of quantitative research projects.

Prerequisite: Successful completion of all previous OTD coursework.

- OTDE 8203** **Health Policies & OT Ethics** **[2-0]**
An examination of health policies, professional ethics, and social systems as they related to the delivery and practice of occupational therapy services using both national and international resources. Specifically, the OT ethical decision-making and Code of Ethics will be employed as a guide for professional interaction. Students will learn to apply ethical theories to moral dilemmas currently confronting health care providers, patients and their families, and society at large. **Prerequisite:** Successful completion of all previous OTD coursework.
- OTDE 8204** **Motor-Learning & Cognition** **[2-0]**
This course introduces current concepts, principles, and theories of motor control, motor learning, physiology of motor control, cognition, memory, learning and perception, and recovery of function across the lifespan. Learn to use assessment data and strategies to identify, plan, and document neuro-based strategies for clinical practice and outcome measures for pediatric and adult intervention. **Prerequisite:** Successful completion of all previous OTD coursework.
- OTDE 8205** **Assistive Technology** **[1-3]**
An introductory study of assistive technology devices and products, assessment, and application methods. Focuses on adaptations, modifications, and technology systems and services that assist individuals with disabilities in greater independence and accessibility across the lifespan. **Prerequisite:** Successful completion of all previous OTD coursework.
- OTDE 8206** **Psychosocial OT & Group Processes** **[1-3]**
Students will learn appropriate assessment and intervention strategies for clients of OT services who have psychiatric, social, or emotional challenges that hinder the performance of meaningful occupations. Emphasis will include knowledge toward the application of therapeutic use of self, self-evaluation, and communication skills. Students will be introduced to group process principles, including the significant characteristics of groups, group norms, and group development. Students will participate in and lead groups, as well as apply group process principles to multiple areas of practice. **Prerequisite:** Successful completion of all previous OTD coursework.
- OTDE 8207** **Health Services & Management** **[2-0]**
This course will provide an overview of the health services system in the US and current trends and issues facing OT within this system. Students will be introduced to management principles relevant to current occupational therapy practice. Students will also develop appreciation for the complexity of our dynamic health care system and the impact this has on occupational therapy. **Prerequisite:** Successful completion of all previous OTD coursework.
- OTDE 8208** **Leadership in Education & Healthcare** **[2-0]**
Explore and apply theories, methods, and strategies used in instructional design, teaching, and learning for adult learners in an academic setting. Examination of leadership theories and practices and their application to leadership in Occupational Therapy practice and education will also be covered. **Prerequisite:** Successful completion of all previous OTD coursework.
- OTDE 8301** **Foundations of Occupational Therapy OT** **[2-3]**
Study of the history, relationship, and social context of the development of human occupation and occupational therapy. This will include philosophy, theoretical concepts, clinical methods, and techniques that support the practice of occupational therapy. This course will emphasize the origins, beliefs, and values of

occupation and occupational therapy across the lifespan, sociopolitical factors, and health systems.

Prerequisite: Acceptance into the OTD Program.

OTDE 8302 Occupation Analysis & Clinical Reasoning [2-3]

Students develop a foundational understanding of the concepts of occupation analysis, OT process, types of professional reasoning, and contexts where occupational therapy occurs. Development of observational skills, problem-solving approaches, the teaching-learning process, therapeutic use of self, and activity analysis. Laboratory will provide experience in and analysis of selected tasks of work, self, care, and play/leisure.

Prerequisite: Acceptance into the OTD Program.

OTDE 8303 Occupational Therapy Theories [3-0]

Orientation to the development of philosophy, theories, and theoretical practice models in occupational therapy. Examine current theories, models, frame of references which guide OT process, practice, and research. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8304 Qualitative Research in OT [3-0]

This course engages the student in the design and implementation of qualitative research, the evaluation of qualitative research studies, and the interpretation of qualitative data as applied to occupational therapy. The student will demonstrate foundational knowledge of qualitative research techniques, engage in beginning-level data analysis and interpretation, and the process of presentation and publication of qualitative research projects. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8305 Applied Clinical Neurosciences [2-3]

An in-depth study of the structure and function of the central nervous system relative to human behavior. The course covers basic neuroanatomy and neurophysiology. Clinical application regarding pathology and patient care is emphasized by preparing students in those aspects of neuroscience commonly encountered in clinical practice across the lifespan. (***This course must be passed with a grade of "B" or better to proceed.***)

Prerequisite: Successful completion of all previous OTD coursework.

OTDE 8306 Evaluation and Assessment in OT [3-0]

This course engages the student in the critical thinking and process necessary to understand evaluation concepts and apply the OT process in the art and science of evaluation. This includes the analysis and selection of standardized and non-standardized screening and assessment tools, psychometrics of assessments, and scoring and interpretation of results. Assessment must take into consideration of underlying cultural and contextual factors of the client. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8307 Health Promotion, Prevention & Interprofessional Practice [3-0]

Apply, analyze, and evaluate the role of occupation in the promotion of health and prevention of disease, illness, & dysfunction for persons, groups, and populations. The course will provide experience in building a team of health professionals from different professions to address health promotion and prevention. The focus is on learning to work effectively with an interprofessional health care team. Emphasis is placed on effective teamwork, the unique contributions of different professions, clients, or family-centered approach in health care delivery. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8308 **Population, Community & Culture** **[3-0]**
Students will examine the influence of culture across the domains of occupational therapy and investigate the role culture takes in shaping populations and communities. This course provides students with the opportunity to utilize critical thinking skills necessary to understand various culturally relevant occupations for populations in community-based practice settings. The application of the OT process will be integrated through intervention planning, implementations, and outcomes in relation to community-based practice and occupation-based models for populations. **Prerequisite:** Successful completion of all previous OTD coursework and concurrently with Practicum I-Population-Community Based.

OTDE 8309 **OT Skills in Pediatrics** **[2-3]**
This course will prepare students to apply hands-on skills needed for entry-level OT practice with children and their families. Emphasis will be on the ability to select and deliver occupations and activities, preparatory methods and tasks, education and training, and advocacy that support the occupation of the child within an environmental and sociocultural context. The use of assistive technology and adaptive seating will also be included. **(This course must be passed with a grade of "B" or better to proceed.)** **Prerequisite:** Successful completion of all previous OTD coursework and concurrently with OT Intervention I: Pediatrics

OTDE 8310 **OT Skills in Adults & Elderly** **[2-3]**
This course will prepare students to apply hands-on skills needed for entry-level OT practice with adults, the elderly, and their families. Emphasis will be on the ability to select and deliver occupations and activities, preparatory methods and tasks, education and training, and advocacy that support the occupation of the adults and elderly within an environmental and sociocultural context. The use of assistive technology and adaptive seating will also be included. **(This course must be passed with a grade of "B" or better to proceed.)** **Prerequisite:** Successful completion of all previous OTD coursework and concurrently with OT Intervention II: Adults/Elderly and Practicum III-Adults/Elderly.

OTDE 8311 **Population Health Research & Biostatistics** **[3-0]**
This course will introduce students to population-based research methods and biostatistics. Content will focus on social determinants of health and epidemiological factors that impact public health and the welfare of populations. Students will create a grant proposal to support scholarly activities related to populations, public health, and occupation. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8312 **Level II Fieldwork C** **[0-3]**
This fieldwork requirement is a minimum of 12 weeks, part-time, and supervised experience in an occupational therapy setting or emerging practice area. Students are expected to participate in practical experiences that promote the application of theoretical knowledge and practice skills, including evaluation, intervention, and outcome measurement, with clients who are experiencing occupational deficits due to a variety of conditions or disorders. Students are expected to demonstrate entry-level practitioner skills and standards of practice within the setting. The course requires participation in an online component during the placement to facilitate reflective practice. Repeatable to 6 credits. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8313 **Level II Fieldwork D** **[0-3]**
This fieldwork requirement is a minimum of 12 weeks, part-time, and supervised experience in an occupational therapy setting or emerging practice area. Students are expected to participate in practical experiences that promote the application of theoretical knowledge and practice skills, including evaluation, intervention, and

outcome measurement, with clients who are experiencing occupational deficits due to a variety of conditions or disorders. Students are expected to demonstrate entry-level practitioner skills and standards of practice within the setting. The course requires participation in an online component during the placement to facilitate reflective practice. Repeatable to 6 credits. **Prerequisite:** Successful completion of all previous OTD coursework.

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| OTDE 8314 | Special Topics | [3-0] |
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A course designed to provide an in-depth study of a specific topic; objectives are determined on a course-by-course basis relative to the expertise of the faculty, needs of the students or relevance to a changing professional environment. **Prerequisite:** Successful completion of all previous OTD coursework.

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| OTDE 8315 | Specialty Fieldwork | [0-3] |
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This is the application of occupational therapy in evaluation and treatment in optional areas of the student interest in selected fieldwork facilities. **Prerequisite:** Successful completion of all previous OTD coursework.

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| OTDE 8316 | Doctoral Capstone Experience B | [0-3] |
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This experiential, part-time course allows the doctoral student to enhance skills in advanced clinical practice, scholarship, administration, leadership, advocacy, program and policy development, education, or theory development. The field experience may occur in a traditional or non-traditional site, and the student will be expected to perform beyond that of an entry-level occupational therapist. Repeatable to 6 credit hours.

Prerequisite: Students must have successfully completed the Professional Program and concurrently with OTDE 8107 Doctoral Capstone Project.

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| OTDE 8317 | Doctoral Capstone Experience B | [0-3] |
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This experiential, part-time course allows the doctoral student to enhance skills in advanced clinical practice, scholarship, administration, leadership, advocacy, program and policy development, education, or theory development. The field experience may occur in a traditional or non-traditional site, and the student will be expected to perform beyond that of an entry-level occupational therapist. Repeatable to 6 credit hours.

Prerequisite: Students must have successfully completed the Professional Program and passed OTD 8316 and concurrently with OTDE 8108 Doctoral Capstone Project.

OTDE 8401 Applied Clinical Kinesiology & Biomechanics [3-3]

The study of musculature acting on the extremities and trunk. Theory and techniques of musculoskeletal evaluation with an analysis of normal and pathological human motion, including posture and gait, and their implications for occupational performance. Laboratory will provide experience in muscle analysis, range of motion, muscle strength, and human performance. (***This course must be passed with a grade of “B” or better to proceed***). **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8402 OT Intervention I: Pediatrics [3-3]

This course prepares students to use and apply OT theories, frame of references, practice, and evidence to working with children and their families. Course content will include the areas of reflexes, sensory, motor, perception, cognition, and play. Using client-centered, culturally relevant, and clinical reasoning, students will learn to evaluate, analyze, diagnose and provide occupational-based interventions in a variety of settings and models, including educational, early intervention, and medical rehab. Emphasis will be on demonstrating competency in screening, evaluation, and interpretation through the administration, design, and documentation of intervention plans. Lab experiences and case studies will be included. ***(To proceed, this***

course must be passed with a grade of “B” or better and a passing score on the case competency.)

Prerequisite: Successful completion of all previous OTD coursework and concurrently with OT Skills in Pediatrics and Practicum II-Pediatrics.

OTDE 8403 OT Intervention II – Adults/Elderly [3-3]

This course addresses occupational therapy theory, evaluation, planning, intervention, and documentation commonly used with adults and the elderly. The student begins to integrate and synthesize the theoretical knowledge of physical function/dysfunction with clinical practice. Course content will include physical impairments that impede their occupational performance, age-related changes, assessment and intervention strategies, and the role of occupational therapy in prevention and wellness programs. Emphasis will be on demonstrating competency in screening, evaluation, and interpretation through the administration, design, and documentation of intervention plans. Lab experiences and case studies will be included. ***(To proceed, this course must be passed with a grade of “B” or better and a passing score on the case competency.)***

Prerequisite: Successful completion of all previous OT coursework and concurrently with OTD Skills in Adults & Elderly and Practicum III-Adults/Elderly.

OTDE 8601 Level II Fieldwork A [0-6]

This fieldwork requirement is a minimum 12-week, full time, and supervised experience in an occupational therapy setting or emerging practice area. Students are expected to participate in practical experiences that promote the application of theoretical knowledge and practice skills, including evaluation, intervention, and outcome measurement, with clients who are experiencing occupational deficits due to a variety of conditions or disorders. Students are expected to demonstrate entry-level practitioner skills and standards of practice within the setting. The course requires participation in an online component during the placement to facilitate reflective practice. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8602 Level II Fieldwork B [0-6]

This fieldwork requirement is a minimum 12-week, full time, and supervised experience in an occupational therapy setting or emerging practice area. Students are expected to participate in practical experiences that promote the application of theoretical knowledge and practice skills, including evaluation, intervention, and outcome measurement, with clients who are experiencing occupational deficits due to a variety of conditions or disorders. Students are expected to demonstrate entry-level practitioner skills and standards of practice within the setting. The course requires participation in an online component during the placement to facilitate reflective practice. **Prerequisite:** Successful completion of all previous OTD coursework.

OTDE 8603 Doctoral Capstone Experience A [0-6]

This experiential, full-time course allows the doctoral student to enhance skills in advanced clinical practice, scholarship, administration, leadership, advocacy, program and policy development, education, or theory development. The field experience may occur in a traditional or non-traditional site, and the student will be expected to perform beyond that of an entry-level occupational therapist. **Prerequisite:** Students must have successfully completed the Professional Program and concurrently with OTDE 8104 Doctoral Capstone Project.

OTDE 8604 Doctoral Capstone Experience A [0-6]

This experiential, full-time course allows the doctoral student to enhance skills in advanced clinical practice, scholarship, administration, leadership, advocacy, program and policy development, education, or theory development. The field experience may occur in a traditional or non-traditional site, and the student will be expected to perform beyond that of an entry-level occupational therapist. **Prerequisite:** Students must have

successfully completed the Professional Program and passed OTDE 8603 and concurrently with OTDE 8105 Doctoral Capstone Project.

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