

# OCCUPATIONAL THERAPY (OT)

## **OT 502 Foundations of OT 3 sem. hrs.**

An examination of the historical basis of occupational therapy and the impact of occupation and occupational science on overall health is explored. Students are introduced to healthcare delivery models in traditional and emerging practice settings. Professional behaviors, therapeutic use of self, and roles and responsibilities of occupational therapists and occupational therapy assistants are discussed. Students will learn about professional organizations, general requirements of healthcare professionals, Standards of Practice, and Code of Ethics in relation to healthcare. Scholarly writing principles are reviewed.

## **OT 503 Found of Body Struc & Movement 5 sem. hrs.**

OT503 is a foundational course in typical human gross anatomy that uses a regional approach. The understanding of typical anatomy is necessary for understanding the changes in body structure and function that can occur due to injury and disease that are discussed in advanced courses. Classroom and laboratory experiences are designed to promote methods of learning that enhance understanding and minimize memorization. Emphasis is given to the neuromusculoskeletal system in the context of occupational therapy practice and the development of the ability to use anatomical terms in preparation for team based clinical practice.

## **OT 503L Found of Body Struc & Move Lab 0 sem. hrs.**

## **OT 504 Conditions in OT 2 sem. hrs.**

Common medical, developmental, and psychological conditions encountered in occupational therapy practice are reviewed. Content will include definition and description, etiology, incidence and prevalence, signs and symptoms, diagnosis, course and prognosis, medical/surgical management, and impact on occupational performance.

## **OT 506 Task Analysis 2 sem. hrs.**

An overview of The Occupational Therapy Practice Framework: Domain and Process (4th ed.) will be presented. Students will develop skills using a top down approach of analyzing tasks and occupation-based activities, including grading, adapting, and implementing strategies for increasing activity performance and participation.

## **OT 508 OT Theory & Frames of Ref 2 sem. hrs.**

Theories, Models and Frames of Reference are foundational blocks for all areas of OT practice. Individually, or in combination, these principles guide the OT process from evaluation through intervention from birth through end of life care, for individuals, groups, and populations. Given opportunities to apply a variety of commonly used theories, models, and frames of reference in OT practice, students begin to demonstrate evidence-informed practices common in OT practice.

## **OT 602 OT Evaluation & Assess Skls 3 sem. hrs.**

Evaluation and Assessment skills in Occupational Therapy introduces students to foundational skills of completing and interpreting assessments. Interviewing, standardized and non-standardized assessments, and observation are explored as methods to collect information necessary to determine intervention and treatment planning. Students explore the OT process and essentials to document for reimbursement of services. Students explore and practice assessments with peers and in the community (as available). This course introduces the basic skills needed for evaluation and assessment across the lifespan.

## **OT 602L OT Evaluation & Assess Skl Lab 0 sem. hrs.**

## **OT 604 Psych Aspects of Occup Perf 3 sem. hrs.**

Theory and practice of psychosocial occupational therapy evaluation and intervention across various settings are examined. Students develop clinical reasoning skills and explore the relationship between mental health, wellness, and healthy lifestyles. Clinical reasoning skills are developed to guide decision making throughout the OT process. Students will gain an understanding of the lived experiences of people living with psychopathology which may include Disorders of Infancy, Childhood and Adolescence; Delirium, Dementia, Cognitive Impairments, Mood, Anxiety, Personality and other disorders; Schizophrenia and other Psychotic Disorders; and Substance related disorders. Students will propose ways to improve current community mental health services and complete a community education program on mental wellness. Case studies, role-playing, class discussions, and informal presentations for immediate application of concepts learned are used.

## **OT 604L Psych Aspects Occup Perf Lab 0 sem. hrs.**

## **OT 606 Therapeutic Interv in Ped 4 sem. hrs.**

Theories, frames-of-reference, and service delivery models applicable to occupational therapy practice with infants, children, and adolescents are examined. Common diagnoses in the pediatric population as well as their effect on occupational performance and participation are studied. Intervention techniques specific to the pediatric population are analyzed to support successful occupational performance in a variety of settings. The importance of family and the influence of peers, teachers, and society on occupational performance is discussed.

## **OT 606L Therapeutic Interv in Ped Lab 0 sem. hrs.**

## **OT 608 Biomechanics in Occup Therapy 4 sem. hrs.**

Students utilize the basic principles of biomechanics to analyze human movement and relate it to occupational performance. Standardized and non-standardized assessments of joint motion and strength will be incorporated to identify possible barriers to functional independence. Students will practice safe, proper handling of patients during functional mobility and transfers. Principles of biomechanics are applied to the design and fabrication of orthotics and training in prosthetics.

## **OT 608L Biomech in Occup Therapy Lab 0 sem. hrs.**

## **OT 610 Neuroscience for Occup Therapy 3 sem. hrs.**

This course covers the autonomic, central and peripheral nervous systems with a focus on critical components of the central nervous system and their relationship to common conditions seen in occupational therapy.

## **OT 612 Lvl 1 Fieldwork A/Seminar 2 sem. hrs.**

This is the first of three level I fieldwork experiences. Students will analyze and practice professional behaviors, activity analysis, therapeutic use of self, and professional communication skills. Students will complete community-based fieldwork and simulated fieldwork experiences using asynchronous online content to correlate with the curriculum plan. The seminar portion of the course will include practical lab sessions, on campus instruction/ discussions, and/ or asynchronous online content.

**OT 614 Ther Interventions in A & G 4 sem. hrs.**

Occupational behavior and participation in various roles throughout the continuum of adulthood and older adulthood are explored. Common diagnoses in the adult and aging population are revisited emphasizing their impact on occupational functioning. Theories, frames of reference, and service delivery models are explored in depth. Intervention techniques specific to these populations are identified including prevention, health, and wellness. Barriers to participation are examined, as well as, opportunities to increase quality of life and enhance community mobility.

**OT 614L Ther Interventions in A&G Lab 0 sem. hrs.****OT 616 Enviro & Tech Interventions 2 sem. hrs.**

Students will evaluate the importance of context as it relates to occupational performance. The inter-connectedness of environment and contexts to client factors and performance patterns is explored. Students will identify the need for assistive technology and its application to evaluation and treatment. Content will include environmental adaptation, augmentative communication devices, manual wheelchairs, power mobility devices, e-medical records, virtual environments, telehealth technology, and apps used in therapy services. Ethical concerns with these modes of service delivery as well as implications of the use of social media will be evaluated. The principles of universal design, accessible design, and ergonomics will be integrated. Content includes an introduction to occupational therapy in work and industry.

**OT 618 Therapeutic Groups 2 sem. hrs.**

Group interventions and dynamics are examined including theory, design, implementation and evaluation. Effective therapeutic use of self is explored. Students will develop, lead, and participate in therapeutic groups based on a variety of frames of reference for populations across the lifespan.

**OT 620 Evidence-based Practice I 2 sem. hrs.**

Students will explore the concepts of evidence-based practice as it relates to the profession today. The course introduces research methodology including qualitative and quantitative studies and the hierarchy of evidence. Principles of critical appraisal will be introduced. Database search skills will be further developed as well as scholarly writing skills using the APA style of writing.

**OT 622 Lvl I Fieldwork B/Seminar 2 sem. hrs.**

This is the second of three level I fieldwork experiences. Students will analyze and practice professional behaviors, activity analysis, therapeutic use of self, and professional communication skills. Students will complete simulated fieldwork experiences using asynchronous online content to correlate with curriculum plan. Experiences will include psychosocial, groups, rehab, and home assessment. The seminar portion of the course will include a practical lab session, synchronous online discussions, and/ or asynchronous content.

**OT 624 Evidence-based Practice II 2 sem. hrs.**

Developing evidence-informed programming is essential to providing high quality OT services. OTs practicing in various settings often develop site specific programs to meet the needs of the clientele. Students will have the opportunity to develop programming for a community partner based on previously researched topics. Additionally, students will explore funding sources and the skills necessary to begin the grant writing process to acquire financial support.

**OT 626 OT Mgmt and Leadership 2 sem. hrs.**

Managerial roles including conflict resolution, marketing, budgeting, program planning, and evaluation are discussed on a broad scale in the context of an evolving healthcare system. Billing and coding procedures are reviewed. Patient advocacy and ethical dilemmas are discussed as related to course topics. Leadership styles are explored and discussed as applicable to OT practice.

**OT 628 Neuro-Cognitive Rehab 2 sem. hrs.**

Students will explore neurological impairments, evaluate their effect on function, and determine interventions to improve occupational performance. Topics will include: cognition, vision, perception, and vestibular rehabilitation from the OT perspective.

**OT 630 Advanced Clinical Reasoning 3 sem. hrs.**

Students synthesize and integrate knowledge obtained in previous coursework to further clinical reasoning skills in preparation for level II fieldwork. Communication skills are developed and applied to role play scenarios, case studies, and simulation experiences to demonstrate an understanding of an OT's role in client-centered service delivery, including education, and interdisciplinary, evidence-based practice.

**OT 632 Lvl I Fieldwork C/Seminar 2 sem. hrs.**

This is the third of three-level I fieldwork experiences. Students will analyze and practice professional behaviors, activity analysis, therapeutic use of self, and professional communication skills. Students will rotate through two fieldwork sites with a focus on gaining the hands-on experience needed for Level II Fieldwork. The seminar portion of the course may include practical lab sessions, synchronous online discussions, and/ or asynchronous content.

**OT 650 Intl Practice in OT-Elective 1 sem. hr.**

(Additional Travel Costs) During this optional, immersive experience in a developing country, students will explore occupational therapy in practice in a developing country in relationship to culture, economic, environmental and socio-political factors and definition of the profession. An understanding of the needs for occupational therapy in underserved areas of the world will lead to development of models for practice and education in occupational therapy for those areas.

**OT 652 Community Based Prac in OT 2 sem. hrs.**

As the final piece to the capstone project, evidence-informed programs are delivered in collaboration with community partners and faculty leadership.

**OT 660 Lvl II Fieldwork AB 7 sem. hrs.**

This is the first of two Level II fieldwork experiences. Students will reflect on their experiences and participate in discussion board posts with classmates to collaborate and learn from each other's experiences. The student will work towards entry-level practitioner skills and complete all site-specific learning objectives.

**OT 662 Lvl II Fieldwork CD 7 sem. hrs.**

This is the second of two level II fieldwork experiences. Students will reflect on their experiences and participate in discussion board posts with classmates to collaborate and learn from each other's experiences. Students must be at entry-level competency by the end of the semester as determined through assessment of fieldwork performance and collaboration with the Academic Fieldwork Coordinator.