

# OCCUPATIONAL THERAPY (OT)

## **OT 101. Foundations of Occupational Therapy. 2 Credits.**

This course provides students with the foundations of occupational therapy practice including its philosophical and historical origins, as well as its core beliefs and principles. The course also presents the various occupational therapy practice settings—both traditional and emerging—and highlights how the foundations of OT practice are threaded across settings.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

## **OT 201. Occupation, Health, Participation. 2 Credits.**

This course introduces the concept of occupation as central to the practice of occupational therapy. Emphasis is on the relationship between occupation and health. Using methods of inquiry, students gain a deeper understanding of occupational performance and its determinants from a person-centered to a population- and institution-centered perspective. Theoretical models focused on occupations are explored and applied to assessing and enhancing occupational performance.

**Prerequisites:** None

**Offered:** Every year, Fall

## **OT 214. Professionalism in Occupational Therapy Practice. 2 Credits.**

This course serves as a bridge from students' general education to the professional phase of the OT curriculum. Students explore features of contemporary occupational therapy practice, such as client-centeredness and evidence-based practice, as foundations to professionalism. Students integrate Quinnipiac essential learning proficiencies into the context of occupational therapy practice. Finally, the course helps students to internalize the values of professionalism as keys to being an effective change agent.

**Prerequisites:** None

**Offered:** Every year, Spring

## **OT 250. Occupational Therapy Framework and Activity Analysis. 3 Credits.**

This course provides a comprehensive overview of the domain and processes of occupational therapy. Emphasis is on the following processes: occupational profile and analysis of occupational performance; activity analysis; intervention planning; collaboration between practitioner and client; and collaboration within an interprofessional team. Students learn terminology associated with the occupational therapy domain and process and apply that knowledge to case analysis, self-analysis, video analysis and standardized patients/clients.

**Prerequisites:** None

**Offered:** Every year, Spring and Summer

## **OT 314. Therapeutic Relationships and Use of Self. 2 Credits.**

This course builds upon students' understanding of intentional relationships, therapeutic use of self, and the OT process to develop leadership skills in the context of a therapeutic encounter. Concurrently, this course provides students with the foundation for the application of the group process as a means of intervention. The course involves didactic lectures and practical training on professional leadership skills for both dyadic as well as group relationships.

**Prerequisites:** None

**Offered:** Every year, Spring

## **OT 322. Functional Anatomy and Kinesiology I. 3 Credits.**

This course is a comprehensive, two-part series designed to provide students with foundational expertise in human biomechanics. Students examine the musculoskeletal system in conjunction with principles of kinetics and kinematics as the basis of practice in physical rehabilitation. The course includes a corequisite laboratory to develop competency in basic biomechanical safety and assessment (goniometry and manual muscle testing). The series culminates by merging all aspects of human movement as the basis for engaging in everyday occupational activities.

**Prerequisites:** Take BIO 211, BIO 212, PHY 101.

**Offered:** Every year, Fall

## **OT 322L. Functional Anatomy and Kinesiology Lab I. 1 Credit.**

This lab, which accompanies OT 322, provides the opportunity to learn in the Human Anatomy Lab, Clinical Skills Lab, Rehabilitation Science Lab and the Model Apartment as students develop proficiency with basic biomechanical safety and assessment (goniometry and manual muscle testing). This variety of laboratory settings serves to enhance content delivered in the classroom; students are guided to first visualize human anatomy via donor dissection and then apply that learning in the simulated clinical settings. Students are alternately scheduled among spaces weekly and in accordance with progression of region in the human body. (2 lab hrs.)

**Prerequisites:** Take BIO 211, BIO 212, PHY 101.

**Offered:** Every year, Fall

## **OT 323. Functional Anatomy and Kinesiology II. 3 Credits.**

This course is part two of a comprehensive series designed to provide students with foundational expertise in human biomechanics. Students continue their examination of the musculoskeletal system in conjunction with principles of kinetics and kinematics as the basis of practice in physical rehabilitation. The series culminates by merging all aspects of human movement as the basis for engaging in everyday occupational activities.

**Prerequisites:** Take OT 322.

**Offered:** Every year, Spring

## **OT 323L. Functional Anatomy and Kinesiology Lab II. 1 Credit.**

This lab, which accompanies OT 323, provides an opportunity to learn in the Human Anatomy Lab, Clinical Skills Lab, Rehabilitation Science Lab and the Model Apartment as students develop proficiency with basic biomechanical safety and assessment (goniometry and manual muscle testing). This variety of laboratory settings enhances content delivered in the classroom. Students are guided to first visualize human anatomy via donor dissection and then apply that learning in the simulated clinical settings. Students are alternately scheduled among spaces weekly and in accordance with progression of region in the human body. (2 lab hrs.)

**Prerequisites:** Take OT 322L.

**Offered:** Every year, Spring

## **OT 325. Principles of Human Development and Occupation. 3 Credits.**

This course explores normal development and its impact on age appropriate occupations. The age span is from conception through early adulthood. The course provides a foundation for evaluation and intervention in human occupation.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 326. Principles of Human Development/Older Adults. 3 Credits.**

This course builds on the developmental concepts from OT 325 to explore normal development and its impact on age appropriate occupations. The age span is from early to late adulthood. The course provides a foundation for evaluation and intervention in human occupation as well as a foundation in performance patterns, skills and context.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 333. Functional Neuroscience I. 3 Credits.**

This course provides a comprehensive study of neuroanatomy including the structures, functions and physiology of neural systems that are key to normal human health and function. The course provides a strong foundation for future study on neural substrates of health conditions and occupational performance. The course also introduces basic screening procedures to identify neurobehavioral dysfunctions.

**Prerequisites:** None

**Offered:** Every year, Fall

**OT 333L. Functional Neuroscience I Lab. 1 Credit.**

This course supplements OT 333 Functional Neuroscience I lecture and provides a comprehensive study of neuroanatomy including the structures, functions and physiology of neural systems that are key to normal human health and function. The course also introduces basic screening procedures to identify neurobehavioral dysfunctions.

**Prerequisites:** None

**Offered:** Every year, Fall

**OT 334. Functional Neuroscience II. 2 Credits.**

This course builds on functional neuroanatomy as it examines the interrelationships of neuroanatomical structures, subsystems and neurophysiologic processes involved in human behaviors, which are the foundation for occupational performance. Specifically, students learn the neural substrates and mechanisms of motor behaviors, sensory-perception, language, attention, memory and learning. The course continues to introduce basic screening procedures to identify neurobehavioral dysfunctions.

**Prerequisites:** None

**Offered:** Every year, Spring

**OT 350. Theoretical Models and Service Learning. 2 Credits.**

This course highlights occupational therapy models and theory development as the foundation for occupational participation and the promotion of health and well-being among clients and populations. Students directly participate in a community-based service-learning context to enhance experiential learning and the application of theoretical concepts to practice.

**Prerequisites:** None

**Offered:** Every year, Fall

**OT 356F. Documenting OT Practice Fieldwork. 1 Credit.**

This course provides structured fieldwork observation in pediatric and adult settings and allows the student to observe and explore the documentation process utilized in occupational therapy. Students also have the opportunity to read documentation, compare documentation to observations, and record data and anecdotal information, utilized within the various models such as school systems, home care, and rehabilitation facilities. The settings utilized are equipped to provide clinical application of principles learned in the OT curriculum. Students have the opportunity to reflect on this experience within the lecture course.

**Prerequisites:** None

**Offered:** Every year, Spring

**OT 362. Documenting Occupational Therapy Practice. 1 Credit.**

This course provides an introduction to the philosophy, concepts and clinical reasoning that supports the documentation of occupational therapy practice. The course integrates ethical, legal and pragmatic considerations of documentation throughout the occupational therapy process in major practice settings. There is a simultaneous Level I Fieldwork/Seminar course that introduces students to requisite psychomotor and cognitive skills in documentation including reviewing client records, developing subjective and objective impressions from observations, and recording of data and anecdotal information.

**Prerequisites:** None

**Offered:** Every year, Spring

**OT 411. Mental Health and Psychosocial Occupational Therapy I. 3 Credits.**

This course provides a comprehensive overview of OT's role for children and youth with mental health and psychosocial needs. Emphasis is on the role of occupation in promoting mental health, preventing disease and managing life disruptions. Psychological and OT theories guide the student's learning of the OT process within community-based and institutional settings across the continuum of service delivery. The inclusion of documentation, therapeutic use of self and evidence-based practice are emphasized.

**Prerequisites:** None

**Offered:** Every year, Fall

**OT 411L. Mental Health and Psychosocial Occupational Therapy I Lab. 1 Credit.**

This lab course complements OT 411 Mental Health and Psychosocial Occupational Therapy for Children and Youth. Students are provided with the opportunity to practice the application of evaluation and intervention process for various mental health conditions across the continuum of service delivery settings. Group theory and group interventions are highlighted. Related skills such as documentation, therapeutic use of self and therapeutic relationships are emphasized throughout this course.

**Prerequisites:** None

**Offered:** Every year, Fall

**OT 412. Mental Health and Psychosocial Occupational Therapy II. 3 Credits.**

This integrative course provides a comprehensive overview of OT's role for adults with mental health and psychosocial needs. Emphasis is on the role of occupation in promoting mental health, preventing disease and managing life disruptions. Psychological and OT theories as well as group theory and group interventions are highlighted. Related skills such as documentation, therapeutic use of self and evidence-based practice are emphasized. A culminating group protocol demonstrates the student's clinical reasoning, application of theory and integration of best practice.

**Prerequisites:** None

**Offered:** Every year, Spring

**OT 412L. Mental Health and Psychosocial Occupational Therapy Lab II. 1 Credit.**

This lab course complements OT 412 Mental Health and Psychosocial Occupational Therapy for Adults and Older Adults. Students are given the opportunity to practice evidence based interventions for various mental health conditions across the continuum of practice settings. Group theory and group interventions are highlighted. Related skills such as documentation, therapeutic use of self and therapeutic relationships are emphasized throughout this course.

**Prerequisites:** None

**Offered:** Every year, Spring

**OT 431. Barriers to Health, Occupation and Participation in Children and Youth Populations. 4 Credits.**

This course provides a comprehensive study of pediatric health conditions as they alter body structures and functions and impact activity and participation. Environmental factors and related facilitators and barriers to occupational performance are incorporated. This course also provides a clinical/professional reasoning model for structured case review and clinical decision-making and problem-solving.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 432. Barriers to Health, Occupation and Participation in Adults/Older Adults. 4 Credits.**

This course provides a comprehensive study of various conditions that impact health and occupational performance among adults and older adult populations. Emphasis is given to understanding common diagnoses encountered by occupational therapists. This course also provides a clinical/professional reasoning model for structured case review with clinical decision-making and problem-solving.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 451. Occupational Therapy Process in Children and Youth. 6 Credits.**

This course provides a comprehensive overview of the evaluation and intervention planning processes used in OT for children and youth. It covers specific procedures and tools for assessment, and strategies for intervention, which consider a variety of cultural and environmental factors. The emphasis is placed on theoretical underpinnings; the family and structural systems where children live, learn and play; clinical/professional reasoning; and documentation of the OT process in a variety of pediatric practice contexts.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 451F. Occupational Therapy Process in Children and Youth Fieldwork. 1 Credit.**

This course provides structured fieldwork observation in various settings working with the children and youth population. The experience allows the student to explore the evaluation and treatment process and the application of frame of reference utilized in occupational therapy models of practice. Students have the opportunity to reflect on this experience within the lecture course.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 451L. Occupational Therapy Process in Children and Youth Lab. 1 Credit.**

This course accompanies OT 451 and OT 451F. It provides a comprehensive overview of the evaluation process and intervention planning utilized in pediatric occupational therapy. This includes specific assessment tools and intervention strategies, which consider a variety of cultural and environmental factors.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 452. Occupational Therapy Process in Adults and Older Adults. 6 Credits.**

This course provides a comprehensive overview of the evaluation process and intervention techniques used in occupational therapy for adults and older adults. While opportunities are provided to learn specific assessment tools and intervention techniques, emphasis is placed on the professional and clinical reasoning process and reflected on proper documentation of the processes. Application of theory, frames of reference, evidence and appreciation for diversity and systems are highlighted.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 452F. Occupational Therapy Process in Adult and Older Adult Fieldwork. 1 Credit.**

This course provides structured fieldwork observation in various settings working with the adult and older adult population. The experience allows the student to explore the evaluation and treatment process and the application of frame of reference utilized in occupational therapy models of practice. Students have the opportunity to reflect on this experience within the lecture course.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 452L. Occupational Therapy Process in Adults and Older Adults Lab. 1 Credit.**

This course complements OT 452 and OT 452F and provides an opportunity for experiential learning of the evaluation process and intervention techniques used in occupational therapy for adults and older adults. The safe, efficient and culturally sensitive delivery of specific assessment and intervention techniques are highlighted.

**Prerequisites:** None

**Offered:** Every year, Fall and Spring

**OT 499. Independent Study. 1-6 Credits.**

**Prerequisites:** None

**Offered:** As needed