

# OCCUPATIONAL THERAPY (OT)

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

Occupational therapy is at the intersection of healthcare, design, and technology, ensuring people can participate in daily life to their fullest potential. This course introduces students to the science of human activity, adaptation, and well-being-knowledge that applies to careers in health sciences, education, business, and engineering. Through hands-on activities and case studies, students will see how OT principles influence everything from assistive technology to workplace design.

**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 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