

Course Descriptions

OT 522 Foundations of Occupational Therapy

This course introduces students to the profession of occupational therapy through discussion of its history, philosophy, values, methods, and broad theories of occupational performance. Students will learn to: describe therapists' roles with different populations in a variety of settings, use professional terminology, analyze occupational development across the life span, use observation and interview to collect information for intervention. Prerequisite: Division Permission. Four credits.

OT 523 Therapeutic Occupation

This course covers the information and methods of using occupations as therapeutic modalities. Using a hands-on approach, students learn principles and methods of activity analysis and synthesis to design customized plans to help clients perform occupations when they cannot be performed in the familiar way. Students apply theoretical principles and research-based methods to instruct others effectively. Scholarly inquiry is an essential part of the research and evidence-based practice themes of the course. Prerequisite: Division Permission. Two credits.

OT 524 Occupation and Movement

This course addresses the basic anatomical, kinesiological, and physiological structures and how they influence movement and occupational performance. Basic concepts of biomechanics are introduced as well as how environmental/contextual factors may influence activity and motion. Throughout the course, an emphasis is placed on how human structure supports human function across environmental contexts and activity. Age and culture will also be explored. In addition to the foundational elements of movement and how they influence occupation, students will also examine how various conditions (orthopedic, neurological and medical) may impact movement and ultimately participation in a variety of occupations. Prerequisites: Division Permission. Four credits

OT 525 Fundamentals of Scholarly Inquiry

This course introduces basic research and statistical concepts such as descriptive statistics, correlation, regression, and the interpretation of assessment scores that are applicable to Occupational Therapy with a emphasis on movement. It gives students an introduction to evidence-based practice through a focus on qualitative research methods. The course will be presented through in-class lecture and discussion, practical exercises, and computer laboratory sessions. {2 credits) Prerequisite: OT 522. Co-requisite OT 523, division permission. Three credits.

OT 526, 536, 626 Case Groups

Case Groups are central to the problem-based and social learning methods of the curriculum. Prerequisites for OT 526: OT 524 OT 522, OT 523, division permission. Prerequisite for OT 536; OT 534, OT 535, division permission. Prerequisite for OT 626; OT 623, OT 624, OT 625, division permission. One credit.

OT 527, 537 Community Application

Community application sessions integrate semester content and skills through on-site sessions in community agencies. Students and faculty create small occupation-centered programs that meet the diverse needs of individuals with multiple needs or diagnoses who reside in the Winchester area. A major focus of learning and programs will be the governmental, community, and agency systems that impact service to individuals and groups. Community application sessions integrate content from Semesters one and two respectively, through reports and projects for the agencies that are considered capstone projects for the semesters' knowledge and skills. Prerequisites for OT 527: OT 522, OT 524, division permission. Co-requisite; OT 526, Prerequisite for OT 537; OT 534, OT 535, division permission. Co-requisite; OT 536. Two credits.

OT 530 Scholarly Inquiry: Program Development and Evaluation

This course gives students a foundation in applied research and advanced statistical concepts that are applicable to Occupational Therapy. Inquiry methods are applied to management systems and theories, and analysis of health and occupations. It is presented through in-class lecture and discussion, practical exercises, and computer laboratory sessions. Prerequisites: OT 525. OT 534 and division permission. Co-requisite: OT 535. Two credits.

OT 532 Neuro-Occupation

Neuro-occupation emphasizes the dynamic interactions between the central nervous system and occupation. Upon completion of this course students will have an understanding of the neuro-anatomical, neuro-chemical and neuro-physiological concepts that influence daily performance areas. Through clinical cases, review of research, lecture, and clinical application sessions students will learn about neurological conditions and the interplay between neurological functions, occupational performance, and meaningfulness. Prerequisite: OT 524. and division permission. Five Credits

OT 534 Analysis of Health and Occupation

This course is based on the philosophy and research about the relationship between occupations and health. Students discuss theories and models that link occupation to individual and public health and will apply research about making health changes to occupational therapy and to their own lives. Prerequisites: OT 522 division permission. Two credits.

OT 535 Management and Systems in Occupational Therapy Settings

This course is designed to introduce, examine and develop the skills necessary for effective health care management and administration. An emphasis will be placed on concept of systems that the occupational therapy manager may encounter on a regular basis. In addition, the role of the occupational therapy supervisor/manager will be emphasizes leadership, communication, budgeting, program development and evaluation, staffing, reimbursement, quality care, policy and procedure development, cost containment, current trends in healthcare, productivity, entrepreneurship and professional ethics. Students will explore a variety of management styles and strategies utilized in a variety of occupational therapy settings. Students understand

current regulations and policies affecting the practice of rehabilitation professionals. Prerequisites: OT 522, OT 524, and OT 527. Co-requisite: OT 530 division permission. Three credits.

OT 620 Scholarly Inquiry : Design and Analysis

This course is the opportunity to apply research techniques to the community setting. It will focus on community agencies with a particular emphasis on occupational performance and assessment. Students learn techniques for conducting a community resource assessment and health services research. Prerequisite: OT 530 and division permission. Two credits.

OT 623 Occupational Therapy in Biomechanical and Neurological practice

This is a practice-oriented course designed to develop competencies in occupational therapy evaluation and intervention with an emphasis on adult clients with a variety of neurological, general medical and orthopedic disorders. Students explore the intervention process while utilizing a variety of models of practice. Students select and administer standardized and non-standardized assessment tools and use information for the purpose of treatment planning and determining the effectiveness of intervention strategies adopted. Students become familiar with the application of various models of practice and explore a variety of intervention strategies and activities for both the remediation of and adaptation to occupational performance deficits. In addition, the course incorporates documentation, family and caregiver support and education, environmental modifications, discharge planning and working as a member of a multidisciplinary team. Prerequisites: OT 523, OT 524, OT 532. Co-requisite: OT 624 and division permission. Four credits.

OT 624 Occupational Therapy in Mental Health Practice

This is a practice-oriented course designed to develop student competence in the occupational therapy intervention process applied to clients with mental illness. The Occupational Therapy Framework and theories such as the Model of Human Occupation, Functional Group, and Occupational Adaptation guide course content. Because occupational therapists work with the whole person, the content in this course can be used to help clients who have complex motor, process, communication, and social interaction problems. Prerequisites: OT 523, OT 524, OT532. Co-requisite: OT 623. and division permission. Two credits

OT 625 Occupational Performance and Participation: Children

This practice-oriented course provides students with an overview of occupational therapy in the area of pediatrics. Emphasis is placed on the child and family in the context of environment and cultures as well as the effect of disability on occupational performance. Evaluation, intervention planning and intervention techniques from a variety of theoretical perspectives are explored. Prerequisites: OT 523, OT 524, OT 532. Co-requisite: 622 division permission. Four credits.

OT 628, 638 Level One Fieldwork

The goal of Fieldwork One is to introduce students to the occupational therapy experience in the field. Students develop a basic comfort level with and understanding of the needs of clients. The course is designed to enrich academic course material through directed observation and participation in selected aspects of the occupational

therapy practice under the supervision of qualified health care professionals. (American Occupational Therapy Association (1998). Standards for an accredited education program for the occupational therapist. *American Journal of Occupational Therapy*, 575-582.) Prerequisites: OT 623,OT 624,OT 625 division permission. One credit each course.

OT 630 **Scholarly Inquiry: Application**

This course is the program capstone course designed to give students the opportunity to expand their ability in designing methods to gather evidence for occupational therapy methods. It is presented through in-class lecture and discussion, practical exercises, and computer laboratory sessions. The course focuses on the development of projects related to evidence-based practice. Division permission. Three credits

OT 631 **Specialization: Occupational Therapy with Children**

This is an advanced pediatric course about occupational therapy practice in specific practice areas. Advanced theories, evaluation and intervention methods are covered. Students will critique research and evidence for occupational therapy effectiveness in pediatrics. To integrate theory, evaluation, planning and implementation, students will work with a child and family in the community as their final project. Prerequisites: OT 625, and division permission. Three credits.

OT 632 **Specialization: Occupational Therapy with the Elderly**

This course emphasizes occupational therapy intervention for elderly clients and their caregivers whose occupational performance is affected by health problems connected with aging. Since intervention is affected by the systems of service delivery, the course presents a systems approach to intervention using evidence-based strategies to maintain and improve occupational performance and participation for elders and caregivers in their communities. Prerequisites: OT 623 OT 624, and division permission. Three credits.

OT 633 **Environmental Interventions**

This course instructs students in the assessment and application of environmental interventions. Students will learn about theories, funding and legislation, documentation, and research evidence. Students will learn how to collaborate with clients to select and modify environmental interventions, advocate for funding and policies supporting environmental interventions, and educate clients on their use to improve their occupational performance. Prerequisites: OT 523,OT 524, OT 532, OT 623, OT 624,and division permission. Three credits.

OT 634 **Policy and Advocacy**

This course gives students the skills necessary to analyze federal, state and organizational policies. Major policies that impact occupational therapy and other health professions are analyzed. Advocacy, both on behalf of clients and the profession is explored. The course is presented in the context of the major systems with which occupational therapists interact. Prerequisites: OT 623, OT 624, OT 625 and division permission. Three credits.

OT 640, 641

Level Two Fieldwork

“The goal of Level II fieldwork is to develop competent, entry-level, generalist occupational therapists. It is integral to the curriculum and includes in-depth experience in delivering occupational therapy services to clients, and/or research, administration and management of occupational therapy services. The student is exposed to a variety of clients across the life span and to a variety of settings. The fieldwork experience promotes clinical reasoning and reflective practice, to transmit the values and beliefs that enable ethical practice, and to develop professionalism and competence as career responsibilities.” *After completion of both fieldwork courses, students will return to campus for workshop sessions before graduation.* American Occupational Therapy Association ((1998). Standards for an accredited educational program for the occupational therapist. *American Journal of Occupational Therapy*, 581-582.) Prerequisites: OT 628, OT 638 and division permission. Six credits each course