

## MASTER OF OCCUPATIONAL THERAPY

### COURSE DESCRIPTIONS

#### OT 5001: Applied Development Across the Life Span

This course focuses on individual development from the pre-natal period through older adulthood. Interaction of physical, psychological, cultural and social systems on the individual's adaptation will be explored. Changes in occupational engagement and impact of lifestyle choice, disability and chronic illness over the life span will be examined.

#### OT 5002: Occupation in the Promotion of Health

This laboratory course examines the centrality of human occupation in promoting, maintaining and remediating health throughout the life span. Community learning experiences will be provided with children and older adults to facilitate students' discovery of the performance areas, performance components and contexts of individuals in the community. Activity analysis will be incorporated to facilitate students' understanding of task, activity and occupation. Understanding of therapeutic use of activities and their developmental appropriateness will be reinforced via hands-on projects and reflective exercises.

#### OT 5003: Applied Group Dynamics.

Teams, social systems, interdepartmental and intradepartmental relationships are part of the health care delivery process. A combination lecture/discussion and laboratory experience will be used to explore concepts and theories of group formation, development, and structure and their application within the context of occupational therapy.

#### OT 5004: Professional Concepts I.

This course focuses on the occupation-centered paradigm of occupational therapy in the context of present and future domains of practice. An overview of the history, philosophy, ethics, and core values of the profession will be presented as orientation to professional identity. Introduction to concepts of theory, models, and frames of reference will be presented, and the impact of culture, learning style, and self-awareness explored.

#### OT 5005: Neuroanatomy

Anatomy of the nervous system; the brain and spinal cord. Functional aspects of the central nervous system and the cause-effect relationships between lesions and their symptoms.

#### OT 5006: Human Physiology

Physical principles underlying cellular activity applied to functional description of basic mammalian organ systems. Functional significance, intricate adaptations, and adjustment to internal and external environments with interrelationships between the basic systems in health and disease.

OT 5007: Human Anatomy.

A regional study of the gross structure of the human body covering the back, upper and lower limbs, head, neck, thorax, abdomen, and pelvis. Emphasis is on structure, function and basic development of the skeletal, muscular, cardiovascular, respiratory, and peripheral nervous systems. Material is presented and discussed in a classroom setting (lecture) and cadaver dissection and anatomical identification is performed during laboratory.

OT 5008: Applied Kinesiology.

The application of gross anatomy, neuroanatomy, and physiology to the study of body movements with emphasis on interrelated kinetics of normal and abnormal motions of the musculo-skeletal system as they influence functional activities.

OT 5011: Clinical Conditions I

The study of selected systemic diseases, their medical management, and principles in children and young adults as related to occupational therapy practice.

OT 5012: Clinical Conditions II

Study of selected diseases in the adult and older adult. Areas of focus include the fundamental facts and medical and surgical interventions in developmental, psychiatric, orthopedic, neurological, and metabolic disorders. The impact of the disorder and/or the medical and surgical interventions is also discussed as they relate to the practice of occupational therapy.

OT 5019: Professional Concepts II.

Through the use of a seminar format, this course will facilitate the development of an understanding of the contexts in which occupational therapy services are delivered, the influence of models and systems on the practice of occupational therapy and an understanding of the ethics and values of the profession of occupational therapy. Aspects of communication from a personal and professional perspective will be explored. The practice environment, the roles of health care professionals and a variety of influences on occupational performance will be examined and discussed. An emphasis will be placed on the impact of long term care issues for consumers in medical, non-medical and community settings.

OT 5101: Occupational Therapy Theoretical Perspectives on Children.

This course presents an exploration and study of selected theories and frames of reference as applied to the practice of occupational therapy with children and adolescents. Emphasis is given to theoretical constructs and their application to occupation based practice. This course is given in conjunction with and is closely coordinated with OT 5111 (0408): OT Assessment and Intervention with Children.

OT 5102: Occupational Therapy Theoretical Perspectives on Adults

This course will provide a continuation of the exploration and study of selected theories and frames of reference as applied to adults. Emphasis will be given to theoretical constructs as applied through occupation based practice in adults. This course is closely coordinated with OT 5112 (0518): Occupational Therapy Assessment and Intervention with Adults.

OT 5103: Occupational Therapy Theoretical Perspectives on Older Adults

This course will provide a continuation of the exploration and study of selected theories and frames of reference as applied to older adults. Emphasis will be given to theoretical constructs as applied through occupation based practice in older adults. This course is closely coordinated with OT 5113 (0528): Occupational Therapy Assessment and Intervention with Older Adults.

OT 5111: Occupational Therapy Assessment and Intervention with Children.

This course presents an overview of the planning and implementation of occupational therapy for children and adolescents. Students will gain introductory experiences in the practice of integrating activity analysis, the theories of development and human occupation and the process of clinical reasoning with the observation, evaluation, delivery and documentation of occupational therapy services. This course is closely coordinated with OT 5101 (0407): O.T. Theoretical Perspectives on Children.

OT 5112: Occupational Therapy Assessment and Intervention with Adults

This course presents an overview of the planning and implementation of occupational therapy services for adults. This is the second in a series of courses focusing on occupational therapy assessment and intervention. Students will gain experience in the practice of integrating occupational therapy frames of reference, activity analysis, theories of human development and human occupation and the process of clinical reasoning with the observation, evaluation, delivery and documentation of occupational therapy services. This course is closely coordinated with OT 5102 (0517): Occupational Therapy Theoretical Perspectives on Adults.

OT 5113: Occupational Therapy Assessment and Intervention with Older Adults

This course presents an overview of the planning and implementation of occupational therapy services for older adults. This is the third in a series of courses focusing on occupational therapy assessment and intervention. Students will gain experience in the practice of integrating occupational therapy frames of reference, activity analysis, theories of human development and human occupation and the process of clinical reasoning with the observation, evaluation, delivery and documentation of occupational therapy services. This course is closely coordinated with OT 5103 (0527): Occupational Therapy Theoretical Perspectives on Older Adults.

OT 5121: Specialty Rehabilitation Skills I (Splinting)

This course will provide basic knowledge and skills in assessment and intervention techniques as they apply to orthotics. The student will have the opportunity to develop hands on skills in an interactive laboratory with learning based in case study experiences.

OT 5122: Specialty Rehabilitation Skills II (Assistive Technology)

This course will provide basic knowledge and skills in assessment and intervention techniques as they apply to assistive technology, mobility and positioning issues. The student will have the opportunity to develop hands on skills in an interactive laboratory with learning based in case study experiences.

OT 5151: Research Design and Methodology

Introduction to basic components of research in occupational therapy including methodology, elementary statistical analysis and interpretation of data. Introduction to evaluating current research in occupational therapy as well as designing future research.

OT 5161: Service Management and Marketing

The principles of management in the provision of occupational therapy service will be considered in depth, including the principles of organizing, planning, directing, controlling, budgeting and communicating. A variety of systems and models will be examined in relation to the marketing and delivery of occupational therapy services, including medical, community, education and social models.

OT 5191: Applied Research

The purpose of the course is two fold: 1) to refine research consuming skills in a particular area of study, and 2) to develop beginning level research skills through participation in a mentored research team experience. This practicum may include participation in developing a research question, designing research, preparing human subjects applications, data collection and/or data analysis, within a faculty's research specialty. By participating in faculty-student research teams, the importance of occupational therapy research and collaboration will be highlighted.

OT 5987: Fieldwork Practicum I (Clinical Fieldwork I)

This course entails three months of full time supervised clinical experience with the opportunity to treat individuals with a variety of diagnoses across the life span. Students are assigned to approved clinical education centers in accordance with the Standards for an Accredited Educational Program for the Occupational Therapist, of the Accreditation Council for Occupational Therapy Education. All professional courses and Fieldwork Level I must be successfully completed before students are permitted to enter Fieldwork Level II.

OT 5988: Fieldwork Practicum II (Clinical Fieldwork II)

This course entails three months full time supervised clinical experience with the opportunity to treat individuals with a variety of diagnoses across the life span. Students are assigned to approved clinical education centers in accordance with the Standards for an Accredited Educational Program for the Occupational Therapist, of the Accreditation Council for Occupational Therapy Education. All professional courses and Fieldwork Level I must be successfully completed before students are permitted to enter Fieldwork Level II.