Occupational Therapy
Entry-Level Degree Program

Curriculum Guide

M.S.

A.T. Still University
Arizona School of Health Sciences

ATSU
OCCUPATIONAL THERAPY ENTRY - LEVEL PROGRAM CURRICULUM (Residential)

Enrollment in any course will not be permitted until prerequisites are completed with a grade of C or better.
Course descriptions, course durations, or related information is subject to change.

COURSE DESCRIPTIONS – (Residential)

OT 512 Foundations of Occupational Therapy
Introduction to the field of occupational therapy including the history, philosophical beliefs, areas of practice and roles of practitioners. Focus is on developing an awareness of professional organizations, ethics and values with an emphasis on the OT Practice Framework.

OT 513 Occupations Across the Life Span
Knowledge of normal development, developmental tasks, and age-specific activities from birth through old age vital to understanding the functional deficits resulting from injury, disease, or developmental abnormalities. Physical, cognitive, and psychosocial developmental milestones are identified.

OT 516 Basic Patient Care Skills
The rationale for and performance of basic patient care skills required by rehabilitation personnel. Course includes blood-borne pathogens, universal safety precautions, vital signs, positioning, draping, transfers, lifting, sterile procedure and isolation techniques, wheelchair handling, ambulation with assistive devices, environmental barriers, and basic patient care equipment. Laboratory required.

OT 522 Pathology
An introduction to the basic pathological processes that underlie diseases. The fundamentals of general pathology covered include the mechanism of cell injury and healing, response to infection, and disorders of the immune system. The etiology, pathogenesis, and morphologic manifestations of disease in the major organ systems are discussed.

OT 523 Group Process
Understanding of group process and the relationship of self to the group. Group dynamics as well as the phases of group development, leadership roles, conflict resolutions, problem solving, and clinical application are emphasized.

OT 533 Kinesiology
The principles of kinesiology and biomechanics as they relate to human motion. Focus is on the mechanics of human motion necessary for physical evaluation and occupational analysis in occupational therapy. The functional application of human motion is covered, including evaluation techniques of goniometry and manual muscle testing. (Prerequisites - HS 510 and HS 520)

OT 542 Introduction to Occupational Therapy Testing
An introduction to the occupational therapy evaluative process. Methods of data collection and various evaluation tools are explored. The principles of measurement, including test selection, administration, scoring, and interpretation, are covered.

OT 543 Occupational Therapy Theory and Philosophy
Introduction to the core concepts of major theories and models of practice in occupational therapy.
OT 544 Ethics and Professionalism
The legal, moral, and ethical basis for the professional practice of occupational therapy will be covered.

OT 545 Occupational Analysis I
Introduction to and application of occupational analysis in relation to play, leisure, and social participation. Concepts of grading and adapting occupations will be explored and opportunity will be given to apply principles of the teaching-learning process.

OT 600 Conditions I
Study of clinical management of common diseases, psychiatric conditions, and developmental disorders of adults and children. Diagnoses, prognoses, and medical management of these conditions are explored.

OT 601 Conditions II
Study of clinical management of neurological and orthopedic conditions, and developmental disorders of adults and children. Diagnoses, prognoses, and medical management of these conditions are explored.

OT 611 Neuroscience
Study of the function of the central, peripheral, and autonomic nervous systems with special emphasis on motor and sensory pathways.

OT 614 Pediatric Occupational Therapy I
Theoretical foundations and frames of reference of occupational therapy in the area of pediatric practice. Focus is on assessment and development of treatment objectives, and family-centered practice. Issues as related to various settings in pediatric practice are discussed. (Prerequisites – OT 513, OT 533, OT 542, OT 600, OT 601)

OT 615 Occupational Analysis II
Continuation of Occupational Analysis I. Principles of occupational analysis, grading, and adapting are applied to basic and instrumental activities of daily living. Community resources as well as issues of accessibility are addressed. (Prerequisite – OT 545, OT 623).

OT 623 Physical Disabilities I
Theoretical foundations and frames of reference of occupational therapy for individuals with physical disabilities. Focus is on the evaluation and treatment of skills and deficits as related to frames of reference for persons with different physical disabilities. (Prerequisites – OT 516, OT 533, OT 600, OT 601. Co-requisite OT 625).

OT 624 Pediatric Occupational Therapy II
Treatment planning and intervention for children. Focus is on integrating specific theories and frames of reference into the treatment process. Level I fieldwork is required. (Prerequisite – OT 614, OT 625. Co-requisite OT 625)

OT 625 Occupational Analysis III
Continuation of Occupational Analysis I and II. Principles of occupational analysis, grading, and adapting are applied to work and educational occupations. (Prerequisite – OT 545)

OT 627 Level I Fieldwork (Pediatrics)
A one week rotation that is taken in conjunction with OT 624. The student is expected to integrate content from Pediatric Occupational Therapy II into a practice setting. Course is taken on a pass/fail basis. (Co-requisite: OT 624)

OT 631 Physical Modalities
Modalities and therapeutic interventions used to prepare the patient to engage in occupations. Course includes orthotics and physical agent modalities.

OT 632 Psychosocial Occupational Therapy I
Theoretical foundations and frames of reference of occupational therapy for individuals with psychiatric conditions. Focus is on the evaluation of skills and deficits as related to frames of reference for persons with different psychiatric conditions. (Prerequisite – OT 523, OT 600)

OT 633 Physical Disabilities II
Continuation of Physical Disabilities I. Focus is on evaluation, treatment, and documentation of skills and deficits for persons with various physical disabilities along the continuum of care. Level I fieldwork is required. (Prerequisite – OT 623)

OT 634 Professional Development I
First course in a series of two aimed to promote the growth and development of students to become reflective occupational therapy professionals who view themselves as lifelong learners. Includes an exploration of the role of occupational therapy in the promotion of health and the prevention of disease and disability. (Prerequisites: completion of all first year courses)

OT 635 Practice Management in Occupational Therapy
Principles of organization and management in the health care system today. Models covered include nonprofit, proprietary, entrepreneurial, and corporate facilities. Systems of managed care and changes in health care delivery are examined. Leadership theories and application to occupational therapy are explored.

OT 637 Level I Fieldwork (Physical Disabilities)
A one week rotation that is taken in conjunction with OT 633. The student is expected to integrate content from Physical Disabilities II into a practice setting. Course is taken on a pass/fail basis. (Co-requisite: OT 633)

OT 641 Technology and Occupational Therapy
Current technology utilized for occupational therapy evaluation and treatment of dysfunction. Use of computers, switches, software programs, adaptive equipment, diagnostic, medical, and environmental controls are explored.
OT 642 Psychosocial Occupational Therapy II
Treatment planning and intervention for individuals with psychiatric conditions. Focus is on integrating specific theories and frames of reference into the treatment process. Level I fieldwork is required. (Prerequisites – OT 632)

OT 644 Practice Issues and Trends in Occupational Therapy
Current trends and issues within the occupational therapy profession. Forms of participative management, impact of legislative decisions, and changing practice roles and emerging practice areas are covered.

OT 646 Professional Development II
Second course in a series of two aimed to promote the growth and development of students to become reflective occupational therapy professionals who view themselves as lifelong learners. Discussion related to students’ experiences from Fieldwork Level I combined with additional practice scenarios will be used to develop clinical reasoning regarding screening, assessment, intervention and transition planning across the continuum of care to prepare for Fieldwork Level II and for future entry-level OT practice. (Prerequisites: OT 627, 637, 647)

OT 647 Level I Fieldwork (Psychosocial Dysfunction)
A one week rotation that is taken in conjunction with OT 642. The student is expected to integrate content from Psychosocial Occupational Therapy II into a practice setting. Course is taken on a pass/fail basis. (Co-requisite: OT 642)

OT 650 Independent Study/Tutorial
Study of a focused topic on an individual basis.

* OT 751 Level II Fieldwork, Spring
An in-depth (full time for 12 weeks) supervised experience with responsibility for providing occupational therapy services to clients with various occupational performance deficits. (Pre-requisites: OT 624, OT 627, OT 633, OT 637, OT 642, OT 647)

* OT 752 Level II Fieldwork, Fall
An in-depth (full time for 12 weeks) supervised experience with responsibility for providing occupational therapy services to clients with various occupational performance deficits. (Pre-requisite: OT 751)

*OT 753 Level II Fieldwork, Elective
An in-depth (full time for 8-12 weeks) supervised experience with responsibility for providing occupational therapy services to clients in a selected interest area. (Pre-requisites: OT 751, OT 752)

Note: *All level II fieldwork must be completed within 24 months following completion of academic course work. Fieldwork placements will be scheduled at facilities throughout the United States. Students will be scheduled for a variety of experiences that reflect various age groups, diagnostic categories, and service delivery models.

OT 755 Certification Examination Preparation
Comprehensive review of occupational therapy theory, application, and process in preparation for the national certification examination for occupational therapists. Includes study and test-taking strategies. (Prerequisites: OT 751, OT 754)
HS 532 Methods of Data Analysis
Development and application of graduate level knowledge and skills regarding methodologies and statistics appropriate in descriptive and experimental research. Statistical software programs will be utilized to enhance student understanding and application of course material.

HS 612 Research-Directed Study
Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

HS 622 Research-Directed Study
Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

HS 632 Research-Directed Study
Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

HS 642 Research-Directed Study
Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

HS 652 Research-Directed Study
Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

OT 754 Directed Research
Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).