

# OCCUPATIONAL THERAPY (OT)

# Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

## OT 444 - Living and Doing with Technology

**Credits:** 4

This course draws upon the knowledge from emerging product design concepts and principals and advocates for inclusiveness of all consumers regardless of their age, abilities, disabilities, and personal affinities. Students will apply critical thinking and hands-on learning to evaluate day-to-day technologies by use of various design criteria, identify usability problems, and design technology solutions. Course work will include readings, interactive activities, discussions, quizzes, and group projects.

**Attributes:** Environment,TechSociety(Disc); Inquiry (Discovery)

## OT 500 - Behavior and Development of Children

**Credits:** 4

Introduces the biological, psychosocial, and cultural aspects of human development from birth through adolescence. Emphasizes theories that help explain human behavior; discusses implications of developmental research.

## OT 501 - Developmental Tasks of Adulthood

**Credits:** 4

Includes the biological and psychosocial context of development for adults. Developmental tasks relate to the accomplishment of prior tasks, physiological change, socioeconomic status, and psychosocial development. Prereq: child development course or permission.

**Equivalent(s):** OT 600

## OT 510 - Exploring Occupational Therapy and Occupation

**Credits:** 4

Occupational therapy is introduced as a human service profession through experiential and academic activities, which illustrate the personal and professional skills required to practice in a variety of settings and roles. Basic concepts of human occupation and the therapeutic use of occupation are explored. Comparisons are made to related human service careers. Students are encouraged to do a personal assessment of their interest and potential for further study of occupational therapy.

## OT 513 - Stressed Out: The Science and Nature of Human Stress

**Credits:** 0 or 4

The human stress response system, research investigating the sequelae of stress on health, protective strategies for stress, managing personal stress effectively, and strategizing stress modulation as an intervention technique. Course format includes two hours of weekly lecture/discussion followed by one hour of experiential laboratory in which students research and/or apply new information. Special fee.

**Attributes:** Biological Science(Discovery); Discovery Lab Course

## OT 520 - Happy and Healthy at Work: Promoting Wellness, Diversity and Inclusion

**Credits:** 4

Offers improved understanding and ability to effectively manage a diverse and healthy workforce. Addresses key diversity, inclusion, and wellness issues in the workplace of a general, technical, and social nature with an emphasis on disability and health promotion. Special Fee.

**Attributes:** Social Science (Discovery); Inquiry (Discovery)

**Equivalent(s):** HMG 598, OT 598

## OT 610 - Occupation, Identity, Disability

**Credits:** 4

Students develop skills and knowledge for analyzing daily existence, patterns of activity and the occupational choices pursued by humans. Students explore how the self-identity of individuals with and without disability is influenced by participation in everyday activities, and contextual factors: Through reading, reflective writing and collecting personal narratives of individuals with disability, students examine the relations among engagement in daily occupations and the orchestration of routines and social participation with self identity and well-being. Majors only. Writing intensive.

**Attributes:** Writing Intensive Course

## OT #685 - Psychosocial Disorders and Everyday Life

**Credits:** 4

The study of abnormal behavior in the context of its effect on everyday function. Provides background information on adult psychosocial disorders commonly seen by service providers in the mental health system. Students learn to observe and describe behavior in terms of functional impairment, diagnostic criteria, and causative factors. General psychosocial and biological treatments are studied. This course or its equivalent is a prerequisite for entry to the professional master's degree program in occupational therapy. Students are expected to bring to this course a basic knowledge of psychosocial aspects of human development. Prereq: PSYC 401. Majors only.

**Equivalent(s):** OT 683

## OT 695 - Independent Study

**Credits:** 2-4

In-depth study with faculty supervision. Prereq: junior standing in OT major; approval of major adviser and faculty of area concerned.

**Repeat Rule:** May be repeated for a maximum of 8 credits.

## OT 710 - OT Practice and Professional Roles

**Credits:** 4

Students are introduced to foundation knowledge, values and philosophy of occupational therapy practice. Students learn skills to apply professional behaviors and skills required to be ethical practitioners. They learn about various practice settings and systems within which occupational therapists practice to prepare them to begin to make decisions regarding their fieldwork site selections. They are introduced to models of OT practice. Only open to OT majors. Special fee.

## OT #724 - Assistive Technology and Physical Disabilities

**Credits:** 4

An advanced course that focuses on the specialized assistive technology needs of persons with physical impairments. Topics include seating and positioning needs, prosthetic devices, manual powered mobility devices, ergonomics and computer access. Special fee.

## OT #726 - Assistive Technology and Sensory, Communicative, and Cognitive Disabilities

**Credits:** 4

Explores the application of various technologies for individuals with visual, auditory, cognitive and communication impairments. Included are: blind and low vision aides, assistive listening devices, alternative and augmentative communication devices, memory aides, and prompting aides. Special fee.

**OT 730 - Assistive Technology for Enhancing Occupational Performance**

**Credits:** 3

This course provides instruction on how occupational therapy practitioners use and apply assistive technology in the context of client evaluation and intervention, to improve quality of life and functional capacities. Students learn and apply clinical reasoning skills related to the selection, procurement, modification and training in the use of assistive technology solutions. OT majors only.

**Co-requisite:** OT 730L

**OT 730L - Assistive Technology for Enhancing Occupational Performance Lab**

**Credits:** 1

Co-Requisite Laboratory for OT 730 and OT 830 Assistive Technology for Enhancing Occupational Performance. Students are provided hands-on learning experiences regarding the fabrication, identification, adaptation and training in the use of assistive technology for individuals with functional problems associated with disability or impairment. OT evaluation and interventions related to the application of assistive technology are addressed. OT majors only.

**Co-requisite:** OT 730

**OT 731 - Introduction to Assistive Technology Principles**

**Credits:** 2

This course presents an overview of the various assistive technology service delivery models, assessment tools, legislation, funding, and assistive technology across the lifespan.

**OT 732 - Introduction to Assistive Technology Practices**

**Credits:** 2

This course presents an overview of the various service delivery models, assessment tools and teaches students how to create and modify devices. Students will conduct device demonstrations, training, reuse, and repair while acquiring skills using various fabrication tools, materials and techniques. Students will receive a materials kit they will use to fabricate eight assistive technology solutions. They will also be required to submit video clips and photos demonstrating their skills providing device demonstrations, loans and customer training. Special Fee.

**OT 733 - Assistive Technology and Physical Disabilities for Electronic Devices**

**Credits:** 2

This course focuses on switch and computer access solutions; programming switch interfaces for computers and iPads; alternative mice and keyboards; switch access recipes; iPad mounting solutions; electronic aids for daily living, voice controlled solutions for the phone, computer, and activation of household appliances. Students will learn how to make, modify, and mount various switches an electronic devices. Intensive hands-on AT exploration will be completed on campus or virtual evidence provided will be accepted.

**OT 734 - Assistive Technology and Physical Disabilities for the Home, Community and Employment**

**Credits:** 2

This course focuses on assistive technology solutions to maximize independence at home, in the community, and on the job for individuals who experience physical disabilities. Students will acquire skills in conducting accessibility assessments, Topics explored include wheelchair seating and mobility; ergonomic hand tools, independent living aids; ramps and lifts; vehicle modifications; and modifications for canes, crutches, walkers, and wheelchairs. Intensive hands-on AT exploration will be completed on campus or virtual evidence provided will be accepted.

**OT 735 - Assistive Technology for Communication and Cognitive Impairments**

**Credits:** 2

This course focuses on alternative and augmentative communication devices and devices that benefit individuals who experience cognitive impairments. This course explores assistive technology solutions for note taking, devices and apps for self-regulation, organization, and reminders. Students will learn how to conduct cognitive demand analysis for devices and apps to help users select appropriate accommodations and assistive technology solutions. Intensive hands-on AT exploration will be completed on campus or virtual evidence provided will be accepted.

**OT 736 - Assistive Technology and Vision and Hearing Impairments**

**Credits:** 2

This course focuses on assistive technology for blind and low vision; deaf and hard of hearing; and deaf/blindness. Students will use an assortment of magnification devices; amplification systems; and assistive listening devices as well as learn how to create a variety of approaches to accommodate for vision and hearing impairments. Intensive hands-on AT exploration will be completed on campus or virtual evidence provided will be accepted.

**OT 741 - Human Occupation**

**Credits:** 4

This course introduces students to the broad concept of occupation by exploring ways people acquire skills for occupational performance. Students develop an understanding of the relations between health and occupation, disability and occupation, and explore how humans find meaning in their lives through occupational engagement. Writing intensive.

**Attributes:** Writing Intensive Course

**OT 744 - Fieldwork and Professionalism - Level 1**

**Credits:** 1

This course prepares students to enter level 1 fieldwork with confidence and working knowledge of expectations for a full-time two-week level 1 fieldwork experience. Cr/F. Special Fee.

**Equivalent(s):** OT 736

**OT 745 - Administration and Management for Occupational Therapy Practice**

**Credits:** 4

This course aims to increase the student's understanding of systems of practice, and to business fundamentals associated with occupational therapy service delivery. Specific topics covered include and analysis of practice settings, reimbursement, supervision of professional and non-professional staff, program evaluation methods, ethics, OT management practices, marketing, health policy including medicare, Human Rights and Education Legislation, and the impact of policy decisions for the delivery of OT services. OT majors only.

**OT 746 - Fieldwork & Prof Level II**

**Credits:** 1

This course is designed to deepen understanding of professionalism needed for success on Level II fieldwork. We will explore role changes that accompany leaving the academic world and entering the larger realm of professional practice. Students analyze factors that contribute to successful professional development and ethical practice. Students use the results of their analyses to plan their individual transition to fieldwork and entry-level practice. Prereq: OT 744 & OT 792.

**OT 751 - Mind Body Systems/Neurologically Based Function and Dysfunction****Credits: 4**

Students study most significant occupational-related disorders commonly seen by occupational therapists. A self-directed method is used to examine the perceptual, cognitive, biopsychosocial basis of these disorders. A basic overview of human body-mind systems is provided with an emphasis on pathology, the recognition of symptoms, their causes and the occupational implications of the disorders. The course is a prerequisite for courses in specific occupational therapy assessment and intervention. OT majors only.

**OT 752 - Human Movement and Environmental Effects on Everyday Occupations****Credits: 3**

Integrates the student's prerequisite knowledge of occupation. Develops skills required for interpretation of biomechanical analysis for creating successful occupational performance for individuals with varied musculoskeletal, cardiac and respiratory dysfunction. Integration of the occupational therapy clinical reasoning process and the use of occupations as a therapeutic mechanism for change are emphasized. The analysis of environment as it relates to human movement and participation in desired occupations is explored. Special fee.

**Co-requisite:** OT 752L**OT 752L - Human Movement Lab****Credits: 1**

OT majors only. Cr/F.

**Co-requisite:** OT 752**OT 753 - Mind Body Systems: Neurologically-based Function and Dysfunction--Pediatric Conditions****Credits: 4**

This course applies an occupational science perspective to study disease, illness, medical conditions, and impairments to human body structures and functions that typically emerge and/or present themselves in childhood. The emphasis is on how disease, and impairments in physical and mental functioning interact with the human condition, the uniqueness of individuals, and the environments within which they live to impact occupational performance, and one's overall health, well-being, and life quality. This course is a prerequisite for all occupational therapy assessment and intervention courses including OT 762/OT 862, OT 763/OT 863, and OT 760/OT 860.

**OT 757 - Mind Body Systems: Neurologically-based Function and Dysfunction--Adult Conditions****Credits: 4**

This course is the second course in a two-part course sequence that uses a life span approach, drawing on occupational science perspectives to study conditions typically diagnosed during adulthood (ages 21 and up). The emphasis is on the interaction of the individual (the mind), the body and the psychosocial environment as related to occupational performance. Students will work in pairs to examine selected disorders, and will further develop their presentation skills. This course is a prerequisite for courses in occupational therapy assessment and intervention for adults. Prereq: KIN 706; OT 753/OT 853.

**OT 760 - Psychosocial Evaluation and Intervention****Credits: 3**

Examines the evaluation of psychosocial and psycho-emotional areas of occupational performance and the planning and implementation of occupation-based interventions across domains of practice and client populations. Course addresses developing a client's occupational profile, narrative reasoning and therapeutic use of self, behavioral change, illness representation, and adjustment to chronic disorders. A specific focus of the course is evaluation of and intervention for clients' presenting with mental health disorders. Open to OT majors only.

**Co-requisite:** OT 760L, OT 760R**OT 760L - Psychosocial Evaluation and Intervention Lab****Credits: 1**

This is the co-requisite lab for OT 760. Lab provides hands-on experiences regarding the evaluation and intervention of psychological and psycho-emotional areas of occupational performance. Course focuses on the evaluation and intervention for clients presenting with mental health disorders and also addresses narrative reasoning, therapeutic use of self, behavioral change, illness representation and adjustment to chronic disorders. Special fee. OT majors only. Cr/F.

**Co-requisite:** OT 760**OT 760R - Psychosocial Evaluation & Intervention Recitation****Credits: 0**

Psychosocial Evaluation and Intervention Recitation provides additional hands-on and experiential learning opportunities in an established community program for all students enrolled in OT 760. This recitation allows students the opportunity to develop the skills needed to work in mental/behavioral health settings. Cr/F.

**Co-requisite:** OT 760**OT 762 - Occupational Therapy Evaluation and Intervention for Children****Credits: 3**

In this course, students will develop entry-level practice skills for conducting occupational therapy (OT) evaluations and interventions for children. Organized around the OT Practice Framework, students will learn how to collaborate with families and other professionals, develop clinical observation skills, and learn frequently used standardized assessments. Additionally, students will use primary OT frames of reference to plan and implement interventions. Students will apply their understanding of typical and atypical child development, and extend their clinical reasoning skills in order to develop competencies for providing OT services for children and with a variety of conditions across common practice settings.

**Co-requisite:** OT 762L, OT 762R**Repeat Rule:** May be repeated up to 0 times.**OT 762L - Occupational Therapy Evaluation and Intervention for Children Lab****Credits: 1**

The co-requisite labs provide hands-on experiences to compliment lecture material from OT 762, and to provide opportunities for the practical application of knowledge. Special fee. Cr/F.

**Co-requisite:** OT 762**OT 762R - Occupational Therapy Evaluation and Intervention for Children Recitation****Credits: 0**

The recitation provides hands-on experiences to compliment lecture material from OT 762 and OT 762L, and to provide opportunities for the practical application of knowledge. Cr/F.

**OT 763 - Occupational Therapy Evaluation and Intervention for Adults**

**Credits:** 3

Students will develop entry-level practice skills related to the synthesis of evaluation, intervention planning and goal writing. The student will be introduced to a variety of standardized evaluation tools and implement OT interventions within various contexts of practice through case studies. Specific intervention techniques based on accepted frames of reference and research evidence that helps clients engage successfully in the daily occupations will be emphasized. Prereq: OT 752, OT 757.

**Co-requisite:** OT 763L

**OT 763L - Occupational Therapy Evaluation and Intervention for Adults Lab**

**Credits:** 1

This lab is a co-requisite course to accompany OT 763 Occupational Therapy Evaluation and Intervention for Adult Dysfunction. The lab course provides opportunity for the students to engage in experiential learning and application of principles and techniques learned in the lecture course. Special fee. Cr/F.

**Co-requisite:** OT 763

**OT 763R - Occupational Therapy Evaluation and Intervention for Adults Recitation**

**Credits:** 0

The recitation provides hands-on experiences to compliment lecture material from OT 763 and OT 763L, and to provide opportunities for the practical application of knowledge. Cr/F.

**Co-requisite:** OT 763, OT 763L

**OT 771 - Enabling Participation in Community Groups**

**Credits:** 3

Students will work in an organization, learn about the people served by this organization, and conduct therapeutic groups within the organization. Emphasis of content includes group process, clinical documentation, intervention planning and OT services with adults with cognitive impairments. Special Fee.

**OT 771L - Enabling Participation in Community Groups Lab**

**Credits:** 2

Students will work in an organization, learn about the people served by this organization and conduct therapeutic groups. This lab serves as a Level I Fieldwork placement. OT majors only. Special fee.

**OT 785 - Research Methods and Application to Practice**

**Credits:** 4

Qualitative, quantitative, and mixed methods types of research are introduced and applied to relevant occupational therapy questions. Students acquire the fundamental skills of conducting research such as formulating research questions and identifying appropriate research designs and/or methods. Students also develop the ability to critically analyze research studies and apply the outcome to evidence-based practice in occupational therapy. OT majors only.

**OT #789 - Using iPads to Support Children with Disabilities**

**Credits:** 3

The iPad is changing the way we teach and learn. This technology embraces Universal design principles (UDL) and enables children with significant disabilities to learn in ways never thought possible five years ago. It is a tool for delivering multimedia content and embraces the use of Multi modal learning. This technology finally levels the playing field to support all students including students with disabilities.

**OT 791 - Senior Honors Thesis**

**Credits:** 4

Completion of a research proposal based on a topic of relevance to the occupational therapy profession. Development of knowledge and skills in receiving and critiquing research and professional literature; research design and methodology; and the development of a research proposal. Required for graduation with honors in the major. Prereq: Completion of OT 741. Open to OT majors only.

**Attributes:** Honors course

**Equivalent(s):** OT 691

**OT 792 - Level I Fieldwork**

**Credits:** 1

Provides occupational therapy students an opportunity to experience occupational therapy in a clinical setting. Students attend a seminar prior to beginning their placement. The Level I placement is scheduled between the fall and spring semesters of the senior year. During fieldwork, students observe an occupational therapist as well as participate in the planning and implementing of the occupational therapy assessment or intervention process for a client. OT majors only. Cr/F.