

This course focuses on clinical conditions in the adult/geriatric population as students analyze the potential effect on body functions and structure impacting on occupational performance and participation through the progression of aging. The course will utilize the OT Practice Framework (III) as a guideline to understanding the relationship between occupational areas of concern and practice and the conditions common to adults from various medical conditions, injury, trauma, and disability. Students will utilize case studies to guide understanding on the practice area of rehabilitation among the adult population particularly focusing on the precautions, contraindications, side effects, and other safety issues addressed by OT practitioners during treatment and intervention strategies. This course parallels the co-requisite OTA courses in developing therapeutic interventions through analyzing, grading, and adapting activities and the environment to promote independence in activities of daily living for individuals with varied abilities, across the lifespan, from the different medical conditions among the adult and aging population.

III. Statement of Course Need:

- A.** This course provides the OTA student the opportunity to understand the various medical conditions among the adult and older adult population and learn how to analyze their potential effect on body functions and structures, skills, occupational performance and participation. The OT Practice Framework III will serve as a guide on how these conditions impact function as part of the course of aging and also those conditions that occur in a traumatic event. This course will be offered in conjunction with Adult/Geriatric Physical Rehabilitation and Adult/Geriatric Physical Rehab Fieldwork Level I Adult Physical Dysfunction to provide students the continuity of focus, care planning and implementing therapeutic interventions that are commonly provided to people with the various medical conditions.
- B.** There is no lab in this course.
- C.** This course is not designed for transfer.

IV. Place of Course in College Curriculum:

- A. Free Elective
- B. This course meets a program requirement for the AAS in Occupational Therapy Assistant.

V. Outline of Course Content

- A. Infectious Diseases

- B. Diabetes and Low Vision
- C. Autoimmune Diseases
- D. Common Hand Injuries and Repetitive Disorders
- E. Burn's
- F. Dementia, Parkinson's, Alzheimer's
- G. Orthopedic Conditions (Fractures, Total Hip and Knee Replacements)
- H. CVA, TBI, and SCI
- I. Cardiopulmonary Disorders
- J. Degenerative Diseases of the CNS
- K. Rheumatic Diseases
- L. Progressive Neurologic Disorders
- M. Oncology and HIV

VI. General Education and Course Learning Outcomes

A. General Education Learning Outcomes:

At the completion of the course, students will be able to:

1. Analyze, synthesize or deconstruct, and interpret and evaluate information on clinical conditions and concepts across or within the occupational therapy discipline to solve problems associated with various illnesses and diseases in the adult/geriatric population. (GE-NJ 1, 3,8, IL)*
2. Identify, locate, evaluate, and use information on clinical conditions in the adult/geriatric population effectively and responsibly to increase understanding. (GE-NJ 1, IL)*
3. Use appropriate language, conventions, elocution, poise, organization, supporting evidence, and content to effectively communicate understanding of clinical conditions and how they relate to occupational therapy in the adult/geriatric population through the spoken word for the purpose and audience. (GE-NJ 1)
4. Use appropriate language, conventions, organization, supporting evidence, and content to effectively communicate understanding of clinical conditions and how they relate to occupational therapy in the adult/geriatric population in writing for the purpose and audience. (GE-NJ 1, 8)

5. Identify, locate, evaluate, and use information on clinical conditions in the adult/geriatric population effectively and responsibly to increase understanding. (GE-NJ 1, IL)*

*embedded critical thinking

B. Course Learning Outcomes:

At the completion of the course, students will be able to:

1. Demonstrate knowledge and understanding of the different medical conditions among the adult population and relate them to the structure and function of the human body specifically anatomy, physiology, and biomechanics through the ability to provide therapeutic interventions that target the specific areas in promoting optimal function. (B 1.1)*
2. Demonstrate knowledge and understanding of human development throughout the lifespan particularly the physical and psychological aspects among adults, and older adults recognizing the common medical and clinical manifestations of these populations observed as the course covers the different medical conditions thought the lifespan. (B 1.2)*
3. Demonstrate knowledge and appreciation of the role of sociocultural, socioeconomic, diversity factors, and lifestyle choices in contemporary society in conjunction with the understanding of cultural choices and lifestyles affecting the health and medical conditions that may potentially affect the general wellbeing of the individual as it pertains to the adult/geriatric population. (B 1.4)*
4. Understand the effects of heritable diseases, genetic conditions, disability, trauma, and injury to the physical and mental health and occupational performance of the individual as it pertains to the adult/geriatric population. (B 2.6)*
5. Recognize and communicate the need to refer to specialists for consultation and intervention when the condition requires special needs and no longer is within the scope of OT practice. (B 5.22)*

*represents ACOTE Standards required for accreditation

C. Assessment Instruments

1. Demonstrations
2. Essays & papers
3. Tests & Quizzes
4. Presentations
5. Discussion
6. Case studies
7. Class participation
8. Online Forums
9. Assigned readings
10. Observational opportunities

VII. Grade Determinants

- A. Tests & Quizzes
- B. Essays and Papers
- C. Case Studies and simulated activities
- D. Return Demonstrations
- E. Class Participation
- F. Presentations
- G. Online Forums

Given the goals and outcomes described above, LIST the primary formats, modes, and methods for teaching and learning that may be used in the course:

- A. Lecture/discussion
- B. Small group work
- C. Guest speakers
- D. Student oral presentations
- E. Student collaboration
- F. Independent study
- G. Case studies
- H. Audiovisual (DVD's, YouTube)
- I. Online Forum assignments
- J. Assigned readings
- K. Observational opportunities

VIII. Texts and Materials

- A. Required textbooks

Early, M. B. (2013). *Physical Dysfunction Practice Skills for the Occupational Therapy Assistant (3rd ed.)*. St. Louis, MO: Elsevier, Mosby ISBN: 978-0-323-05909-1

Atchison, B. J. & Dirette, D. K. (2012). *Conditions in Occupational Therapy Effect on Occupational Performance (4th ed.)*. Baltimore, MD: Lippincott, Williams & Wilkins ISBN 978-1-60913-507-2

Boyt Schell, B. A., Gillen, G., & Scaffa, M. E. (2014). *Willard & Spackman's Occupational Therapy (12th ed.)*. Baltimore, MD: Lippincott, Williams & Wilkins ISBN-13: 978-1451110807 ISBN-10: 1451110804

Hall, C. A. (2013). *Occupational Therapy Tool Kit (6th ed.)*. www.ottoolkit.com ISBN-13: 978-1482632866 ISBN-10: 1482632861

American Occupational Therapy Association. (2014). Occupational therapy practice framework: Domain and process (3rd ed.). *American Journal of Occupational Therapy*, 68(Suppl. 1) S1-S48. <http://dx.doi.org/10.5014/ajot.2014.682006> ISBN-13: 978-1569003619 ISBN-10: 1569003610

Hawkins, D., Elder, L. & Paul, R. (2010). *The Thinker's Guide to Clinical Reasoning*. Foundation for Critical Thinking Press www.criticalthinking.org
ISBN 978-0-944583-42-5

B. Supplemental textbooks

Gillen, G. (2009). *Cognitive and Perceptual Rehabilitation*. St. Louis, MO: Elsevier, Mosby
ISBN: 978-0-323-04621-3

Morreale, M. J. (2015). *Developing Clinical Competence A Workbook for the OTA*. Thorofare, NJ: Slack Incorporated ISBN: 978-1-61711-815-9

Radomski, M. V. & Trombly – Latham, C. A. (2014). *Occupational Therapy for Physical Dysfunction (7th ed.)*. Baltimore, MD: Lippincott, Williams & Wilkins
ISBN-13: 978-1451127461 ISBN-10: 1451127464

*Please note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.

IX. Resources

- A. Library
- B. Computer/computer lab