

**SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
OCCUPATIONAL THERAPY
Created Date: 03/2025**

I. CATALOG DESCRIPTION

Course Number: OTAS 2100
Course Title: Clinical Reasoning & Evidence-Based Practice
Prerequisite(s):

Catalog Description: This course emphasizes the development of advanced clinical reasoning skills and the application of evidence-based practice in occupational therapy. Students will explore different levels of evidence, analyze research to inform clinical decision-making, and apply critical thinking to enhance client outcomes.

Credit Hours: 3
Class Hours: 45
Lab Hours: 0
Total Contact Hours: 45

II. COURSE OBJECTIVES: *Course will:*

1. Examine levels of evidence relevance to occupational therapy practice.
2. Analyze research literature to inform clinical decision-making when planning interventions.
3. Apply critical thinking and clinical reasoning to complex client cases.
4. Integrate evidence-based strategies to enhance client outcomes; such physical agent modalities or orthotic fabrication and management.
5. Reflect on the impact of professional reasoning on therapeutic process and client-centered care.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *The student will be able to:*

1. Differentiate between the strengths and limitations of varying levels of evidence in relation to occupational therapy interventions.
2. Summarize peer-reviewed research articles findings relevant to clinical practice.
3. Develop evidence-informed intervention plans for case studies that may include physical agent modalities or orthotic fabrication and management.
4. Evaluate potential outcomes of interventions based on current evidence and client factors.
5. Reflect on personal reasoning process and its influence on client-centered decision-making.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO 3: Critical Thinking and Problem Solving

Outcome: Collect, identify, interpret and analyze data.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)

A. UNITS

1. Introduction to Evidence-Based Practice in OT
2. Levels of Evidence & Evidence Selection

3. Critiquing & Analyzing Research Articles
4. Applying Evidence to Clinical Scenarios
5. Outcome Evaluation & Measuring Effectiveness
6. Developing & Refining Clinical Reasoning Skills
7. Physical Agent Modalities
8. Orthotic Fabrication & Management
9. Comprehensive Hand & Shoulder Management
10. Amputations & Prosthetics
11. Burns & Oncological Care
12. Cerebrovascular Accident
13. Traumatic Brain Injury
14. Spinal Cord Injury
15. Polytrauma & Complex Multiple Conditions

V. INSTRUCTIONAL MATERIALS REQUIRED

*Note: Students will continue to reference all texts previously required in the program.

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of presentation typically include a combination of the following:

1. Lecture
2. Demonstration
3. Handout Materials
4. Class Participation/Presentations
5. Case Studies and Group Work
6. Guest Presenters
7. Websites
8. Power Point slides and videos
9. Pretests and worksheets
10. Games may be used to augment some of the units.

VII. METHODS OF EVALUATION

A. Methods of evaluation typically include a combination of assignments, quizzes, exam, projects, skill checkoffs, etc. For grading expectations please see the course information document

SCC STANDARD GRADING SCALE POLICY:

A+ 95-100	C+ 75-79
A 90-94	C 70-74
B+ 85-89	D+ 65-69
B 80-84	D 60-64
	F Below 60

VIII. SPECIFIC COURSE REQUIREMENTS

- A. Must pass all program courses (OTAS) with a C+ to progress to the next term.
- B. Must follow all expectations as outlined in this document, student handbook, and course information document.

Please see course information document and student handbook for program policies related to grading, expectations, assignments, assessments, and participation.