

Instructional Methods for Cognitive Rehabilitation Cerfitication Course



Reya Beth Andrews, OTD/S, CNP

• Site Mentor: Michael Ang, OTR/L, CNS • Faculty Mentor: Manisha Sheth, OTR/L •

The Neuro Specialist Institute

- **Mission:** Strives to provide affordable, innovative, and evidence-based continuing education courses for healthcare professionals that have a passion for neurological rehabilitation
- Nonprofit organization
- American Occupational Therapy Association (AOTA) approved, continuing education provider



Identifying Needs

1. Advancing the materials for advanced courses
2. Expanding exposure through social media outreach
3. Deepening mental health module for Certified Neuro Specialist (CNS)

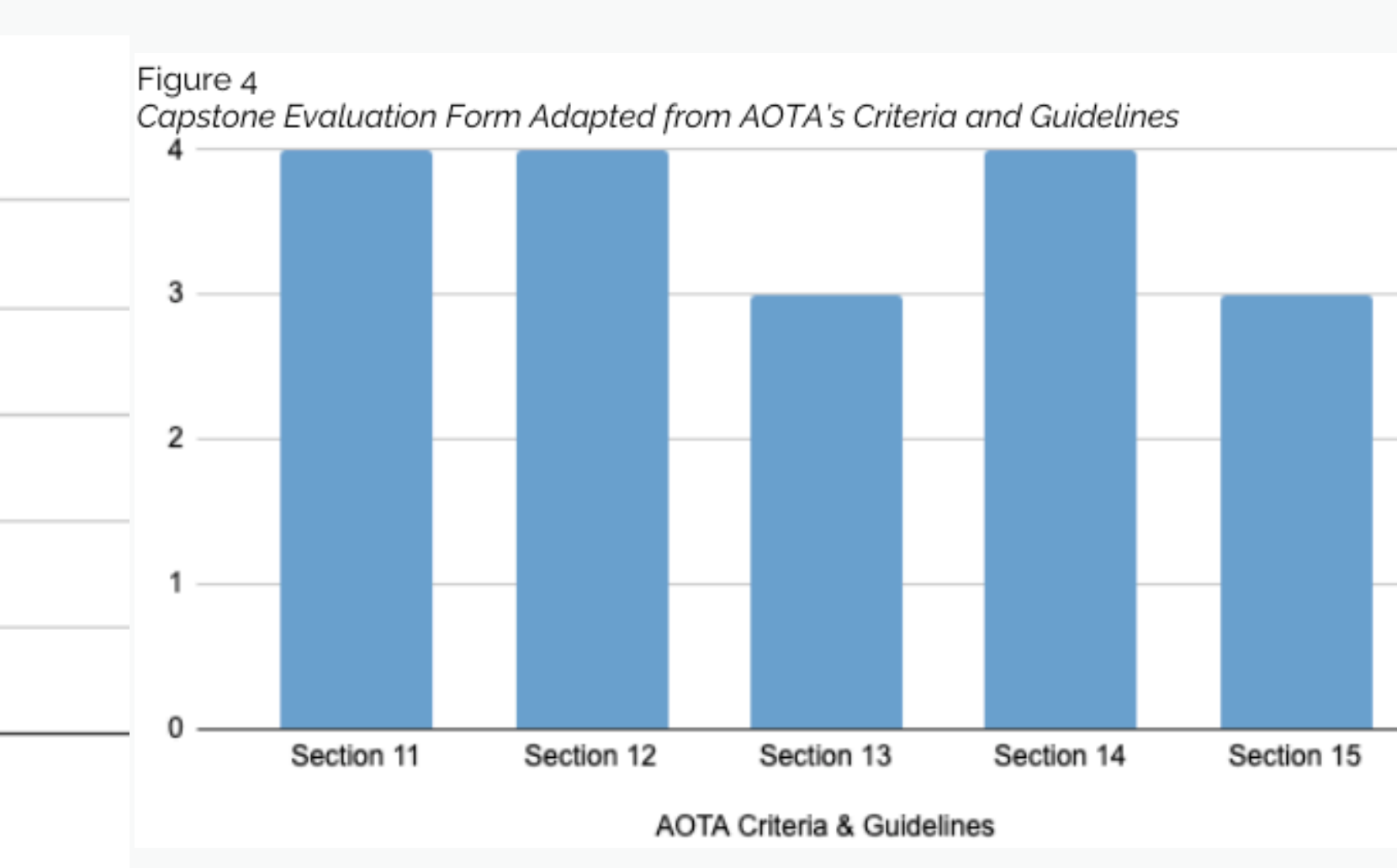
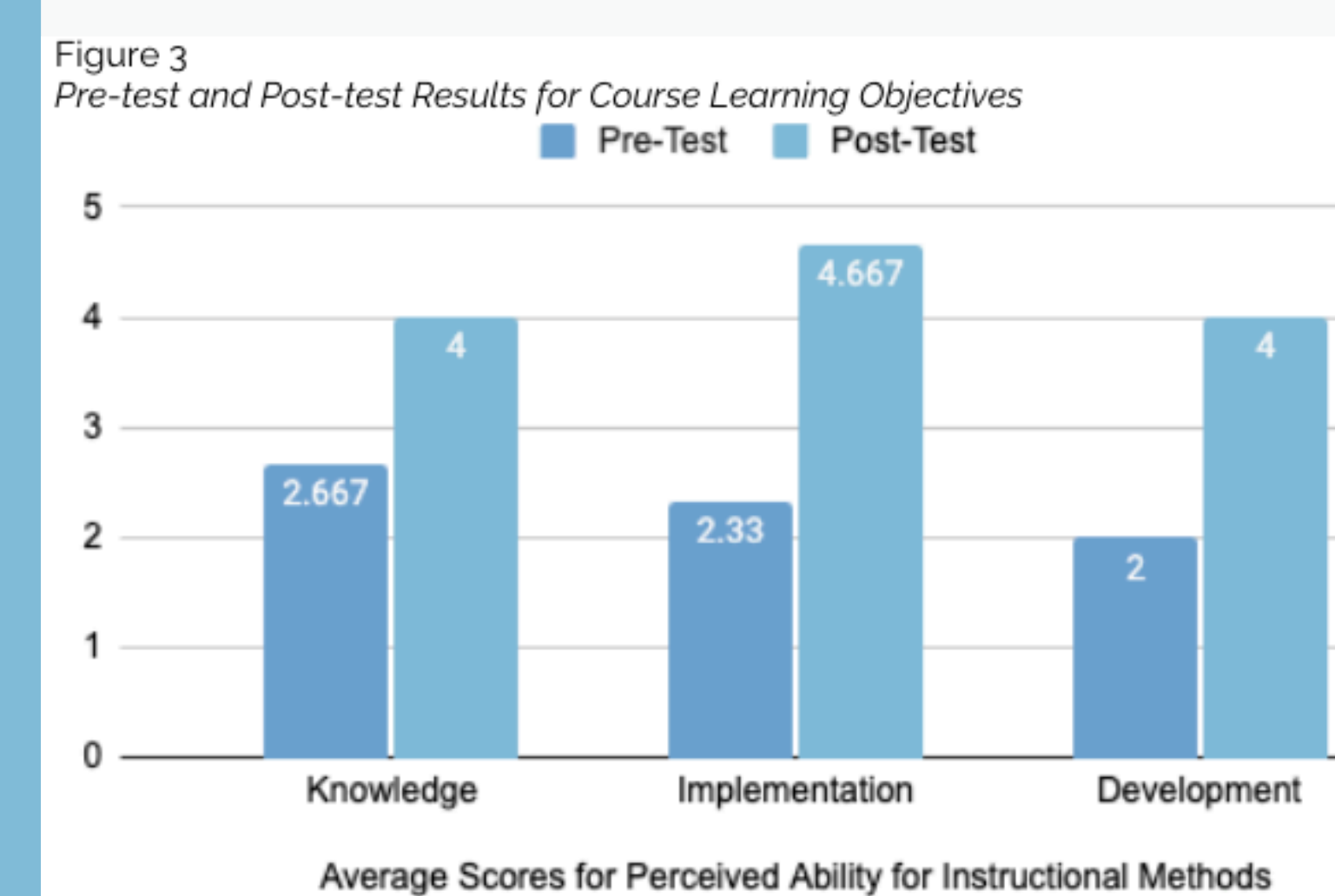
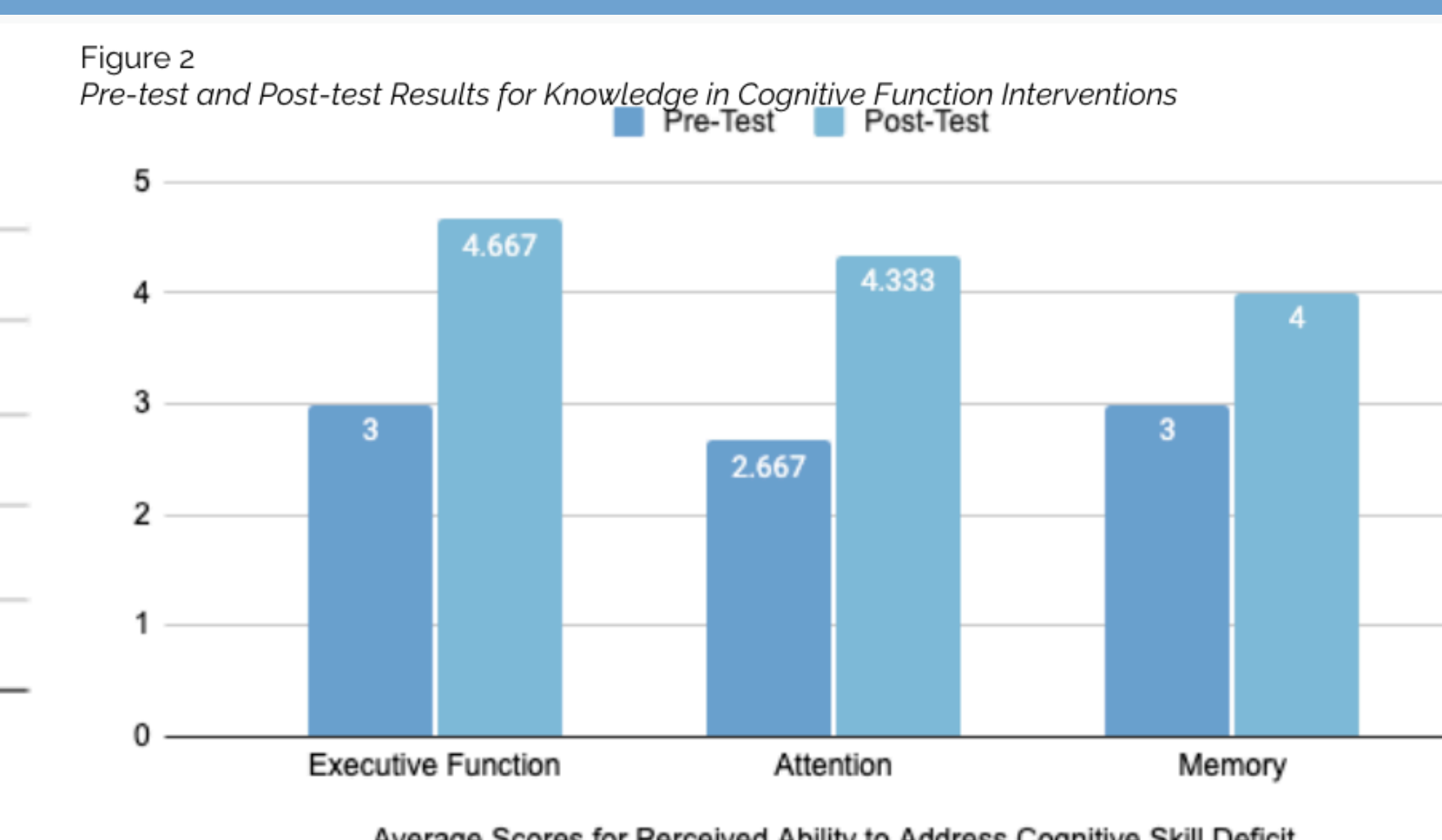
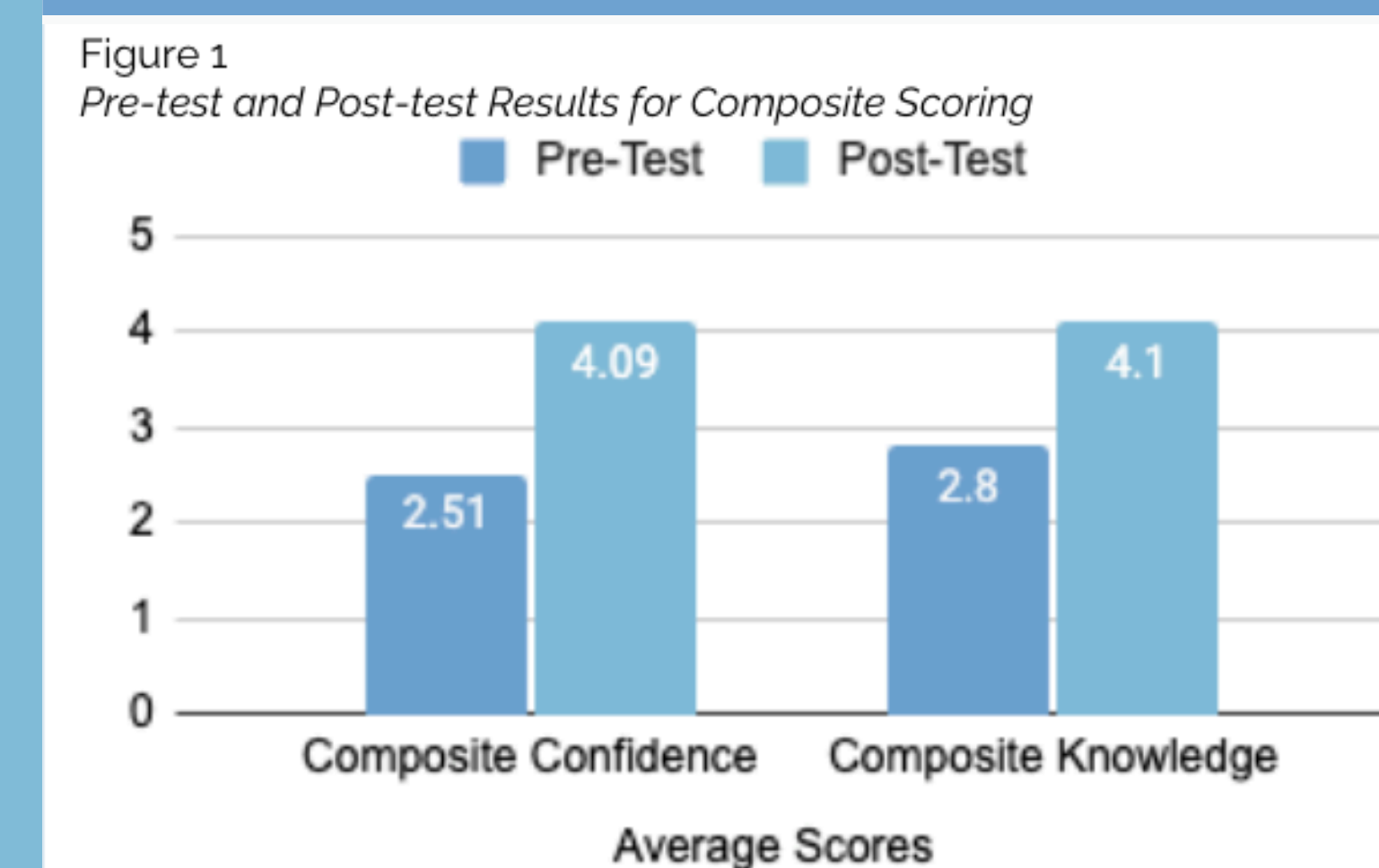
Indiviual Learning Outcomes

1. Development of a thorough literature review
2. Creation of continuing education course
3. Evaluation of continuing education course

Literature Review

- A need for establishing training and more standard practices for treating clients with cognitive impairments (Wheeler& Acord-Vira, 2023; Sohlberg et al., 2022; McGilton, 2021; Lawson et al., 2015; Cicerone et al., 2011)
- Occupational therapy must address the caregiver's well-being for the client's success (Hildebrand, 2023; Wheeler& Acord-Vira, 2023; Piersol et al., 2017; Lawson et al., 2015)
- Working on the client's strengths for success through a multitude of intervention approaches (Wheeler & Acord-via, 2023; Sohlberg et al., 2022; McGilton et al., 2021; Barman et al., 2016; Lawson et al., 2015; Cicerone et al., 2011)

Evaluation and Outcomes



- Composite confidence and knowledge scores both increased after the course pilot
- Paired t-test results yielded <0.05 , indicating statistical significance
 - Knowledge scores yielded 0.057, but scores still improved
- AOTA's adapted criteria and guidelines passing score of 84%

Themes:

Engaging course with the inclusion of videos

Detailed explanations

Interactive knowledge checks

Scholarly Deliverables



Deliverables such as course book, modules, and multimedia will be property of The Neuro Specialist Institute

Project Overview & Implementation

- **Focus:** Program development and education
- **Program:** CNS-Advanced Course for Instructional Methods for Cognitive Rehabilitation
- **Purpose:** provide knowledge, descriptions, and examples of effective instructional methods and interventions for cognitive skill deficits

Course Modules

1. Introduction to Cognitive Rehabilitation
2. Instructional Methods
3. Cognitive Strategies
4. Additional Interventions
5. Caring for Caregivers

- Asynchronous, 8-hour long course
- Student researched cognitive rehabilitation subject matter, developed curriculum and course guidelines, and created multi-media course content for participant engagement

Implications

- Providing additional resources for cohesive care for cognitive rehabilitation
- A resource that provides an even great holistic approach for both patients and their caregivers
- The capstone student plans to continue to edit and refine the continuing education course until the course is published and the student becomes an instructor

References



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