

CANCELLATION/POSTPONEMENT POLICY

Participants will have immediate access to digital content for the Self-Study component of the course. Therefore, all sales are final and participants are not eligible for any refund.

Postponement: Postponement: If participants wish to postpone their scheduled LAB date due to any reason, they must notify The Neuro Specialist Institute at least 30 days prior to postponing. A \$150 postponement fee will apply. We may not be able to accommodate postponement requests after the 30-day period.

No-Shows: Registrants who do not attend their scheduled LAB will have 3 calendar days to contact The Neuro Specialist Institute to reschedule. At that time, registrants will have the option to postpone their lab to a future date, but a postponement fee of \$150 will apply. Registrants who do not contact The Neuro Specialist Institute will forfeit their initial registration fee, and will not be able to complete the certification process. To initiate the postponement process, please contact us directly at info@neurospecialist.org or (323) 325-5244 (text).

COVID-19 PROTOCOLS

The Neuro Specialist Institute is adhering to all Federal, State, and County regulations for hygiene and social distancing. To attend our in-person course/labs, participants must adhere to all Federal/State/County rules; comply with safety regulations set by the venue; and sign a liability waiver. Due to Covid-19, the course location is subject to change in order to meet evolving regulations. Alternative locations will remain in the Greater Los Angeles area or Orange County. The Neuro Specialist is not responsible for any attendee expenses including, but not limited to, travel and lodging.

SPECIAL NEEDS & ACCOMMODATIONS

If you require special needs or accommodations, please contact The Neuro Specialist Institute at info@neurospecialist.org or via text at (323) 325-5244.

AGREEMENTS

Before registering and submitting payment, please review the following: Important Information & Disclaimers, Terms & Conditions, and Privacy Policy accessible at:

www.neurospecialist.org/certification

By registering and submitting payment, participants have agreed to all the aforementioned items.

CNS[®] CERTIFICATION COURSE CERTIFIED NEURO SPECIALIST

LOS ANGELES, CA 2022

20 Hours of SELF-STUDY (Online)
10 Hours of LAB (In-Person)

- Option A – Sat, Mar. 05, 2022
- Option B – Sun, Mar. 06, 2022
- Option C – Sat, Mar. 19, 2022
- Option D – Sat, Oct. 8, 2022
- Option E – Sun, Oct. 9, 2022
- Option F – Sat, Oct. 22, 2022

Lab Location:

Holiday Inn Express & Suites
Pasadena/Los Angeles Area
3500 E Colorado Blvd, Pasadena, CA 91107

Course Provider:

The Neuro Specialist Institute
Email: info@neurospecialist.org
Text: (323) 325-5244

Registration

Register online at: www.neurospecialist.org.
For your security, payment by cash/check is **not** accepted.
Course Fee: \$865.00

COURSE DESCRIPTION

The CNS Certification Course is a 30-hour continuing education course that includes 20 hours of online (self-study) content and 10 hours of lab (in-person). It covers evidence-based interventions for the stroke and brain injury populations. Participants will receive hands-on education on treating multiple systems, including the physical, cognitive, perceptual, psychosocial, and environmental systems.

LEARNING OBJECTIVES

At the end of this course, participants will be able to:

- Evaluate the clinical presentation and pathophysiology of upper motor neuron conditions using standardized assessments.
- Develop best-practice intervention strategies across various systems: motor, sensation, cognition, language, psychosocial, and environment.
- Integrate remedial and compensatory strategies to improve functional, biomechanical, and neurological outcomes.
- Design comprehensive treatment plans that utilize innovative technologies and devices in clinical practice.

PROGRAM CONTENT

Participants will engage in a variety of interactive and hands-on workshops. Topics include the following:

- Neurological Foundations
- Evaluation Tools, Clinical Measures, & Imaging
- The Physical System: Motor Control & Movement
- The Perceptual System: Sensation, Vision, & Communication
- The Cognitive System: Attention, Memory, & Executive Functions
- The Psychosocial System: Emotion, Social Cognition, & Mental Health
- The Environmental System: Home, Work, & Community Integration
- Technologies and Devices: Physical Agents, EMG, & Virtual Reality

COURSE EXPECTATIONS & COMPLETION REQUIREMENTS

- Full course attendance (SELF-STUDY & LAB) is required to earn the CNS designation.
- Participants must complete the SELF-STUDY (20 hours) before the In-Person LAB (10 hours).
- Labs must be completed in-person and may not be completed remotely. Participants must sign in and out each day.
- Hands-on participation is required for all labs. Participants must demonstrate proficiency in all labs (as measured by a competency checklist) to meet the CNS certification standards.
- Participants must complete a final assessment (CNS Certification Exam) at the end of their lab date.

EDUCATIONAL LEVEL

The CNS Certification Course is an advanced-level course.

INSTRUCTIONAL METHODS

Lectures, labs, videos, demonstrations, discussion, case studies, role-play scenarios, blended/hybrid

CERTIFICATION REQUIREMENTS

I. Complete the CNS Certification Course:

- SELF-STUDY: 20-hours of online content (self-paced)
- LAB: 10-hours of hands-on learning activities (in-person)

II. Complete the CNS Certification Exam (scheduled on your LAB date):

- There are NO extra fees for the CNS Certification Exam.
- Participants must receive a passing score of 80% to obtain the CNS designation and earn continuing education credits.
- Participants must complete the certification exam in-person on their scheduled lab date.
- Participants who do not pass the exam on the first attempt will have an opportunity to remediate on the same day.

III. Renewal

- After the initial five-year certification period, a renewal application and application fee (\$65.00) is required to maintain certification status every five years. Individuals must provide documentation of the following continuing education (CE) requirements (24 hours total):
 - Minimum of 8 hours from any CNS Advanced Course.Note: Practitioners who complete any CNS Advanced Course will earn the designation "CNS-Advanced."
- Remaining 16 hours of continuing education may be completed from any course related to neurological conditions or deficits.
- If audited, applicants must submit evidence of continuing education hours. Approved documentation may include CE transcripts, letters, or certificates from organizations, courses, seminars, workshops, etc.

TARGET AUDIENCE

This certification course is intended as an advanced-level course for Occupational Therapists, Occupational Therapy Assistants, Physical Therapists, & Physical Therapist Assistants. Other healthcare professionals interested in neurorehabilitation are also welcome to attend (please check with your State Board to verify CEU eligibility).

CONTACT HOURS & CEUS

30 contact hours for Physical Therapists and Physical Therapist Assistants through California Education Connection (Approval Number: CEC-1007) in the State of California and other states where course pre-approval is not required. Please verify with your individual State Board for CEU/PDU eligibility. 30 contact hours (3.0 AOTA CEUs) for Occupational Therapists and Occupational Therapy Assistants. All national & international healthcare professionals are eligible to take the course and earn the certification. Please verify with your governing body for continuing education eligibility.



SELF-STUDY (ONLINE) TIMELINE AGENDA

Topic	Video Time		
Introduction Overview of Course	11 Minutes		
Part 1 – Neurological Foundations Overview of Stroke Overview of Brain Injuries Neuroplasticity Literature Review of Neuro Rehabilitation Certified Neuro Specialist (CNS) Framework – Mixed Method Approach	1 Hour 5 Minutes		
Part 2 – Evaluation, Clinical Measures, & Imaging Clinical Assessments Structural & Functional Brain Scans Understanding Motor Control, Synergies, and Spasticity Fugl-Meyer Assessment – Upper Extremity & Lower Extremity Modified Tardieu Scale	2 Hours 27 Minutes		
Part 3 – The Physical System: Motor Control & Movement Analysis Motor Relearning Strategies and Interventions Movement Analysis Task Analysis Constraint-Induced Movement Therapy (CIMT)	49 Minutes		
Part 4 – The Physical System: Facilitation of Movement Therapeutic Handling Literature Review of Traditional Techniques: NDT, PNF, & Rood Facilitation of Complex Movement via Movement/Task Analysis Mobilization and Traction Therapeutic Taping Electrical Stimulation Secondary Conditions: Scapular Winging, Subluxation, & Impingement	2 Hours 45 Minutes		
Part 5 – The Perceptual System Sensation vs. Perception Understanding Various Agnosias Neuroscience of Somatosensory Pathways Multi-Sensory Integration Vision and Visual Perception: Intervention Strategies Pusher's Syndrome	1 Hour 38 Minutes		
		Part 6 – The Cognitive System Glasgow Coma Scale Rancho Los Amigos Levels of Cognitive Functioning Attention & Memory: Neuroscience & Intervention Strategies Rivermead Behavioral Memory Test Executive Functions Action Observation Therapy Mental Practice Mirror Visual Feedback Mental Timing	2 Hours 58 Minutes
		Part 7 – Language & Communication Overview of Audition Neuroscience of Communication Aphasia, Apraxia, & Dysarthria Aphasia Interventions	1 Hour 23 Minutes
		Part 8 – The Psychosocial System Social Cognition Behavior Management Self-Awareness Training Cognitive Control of Emotions Depression, Anxiety, PTSD, and Liability Substance Abuse and Disorders	2 Hours 30 Minutes
		Part 9 – The Environmental System ADA & FHA Standards Home Assessments Workplace Evaluations Conditioning vs. Hardening vs. Transitional Work	2 Hours 37 Minutes
		Part 10 – Technologies & Devices Common Orthotic Devices Custom Devices for Dual Conditions Electromyography (EMG) Virtual Reality The Future of Neurorehabilitation	1 Hour 48 Minutes
		TOTAL TIME	20 Hours 11 Minutes

LAB (IN-PERSON) SCHEDULE

8:00 AM - 6:30 PM; *7:30 AM Registration*

There will be a 40-minute lunch period on your own

10 hours (08:00 AM to 06:30 PM) In-Person Lab:

07:30 – 08:00 AM	Registration
08:00 – 09:15 AM	Movement Lab
09:15 – 10:30 AM	E-stim/EMG
10:30 – 11:45 AM	Gait/Stairs
11:45 – 01:00 PM	Cognition
01:00 – 01:40 PM	Lunch Break
01:40 – 02:40 PM	Community Integration/Vision
02:40 – 03:40 PM	Orthotics/VR
03:40 – 04:50 PM	Therapeutic Taping
04:50 – 06:00 PM	Environment/Language
06:00 PM	Certification Exam

SPEAKERS

Michael Ang, OTD, OTR/L, CNS, CSRS, CBIS, HTC, PAM, SWC, CKTP, CAPS, PWRI, LSVT-BIG
Michael Ang created the Outpatient Occupational Therapy Program at St. Vincent Medical Center in Los Angeles, where he specialized in treating neurological and upper extremity conditions. He holds several advanced practice certifications in neurological rehabilitation, and has clinical experience in acute care, intensive care, transitional care, inpatient rehab, outpatient rehab, skilled nursing, assisted living, and home health occupational therapy. Michael is a former professor at the University of Southern California's Division of Occupational Science and Occupational Therapy where he won the Penelope Louise Richardson Award for Teaching in 2014. Michael currently teaches at West Coast University's Occupational Therapy Program. Michael won a RAISE Award (Raising Awareness in Stroke Excellence) with the National Stroke Association in 2018, the Occupational Therapy Faculty of the Year Award in 2019, and the inaugural NBCOT Impact Award in 2021.

Speaker Disclosures:

Financial: Michael Ang is compensated by The Neuro Specialist Institute as an instructor for the CNS Certification Course.

Non-financial: Michael Ang is an Associate Professor of Occupational Therapy at West Coast University in Los Angeles.

Claire Manansala, DPT, PT, CNS, CSRS, CBIS, CEEAA

Claire is a physical therapist who has worked in several acute care hospitals in Los Angeles and has experience in acute, inpatient, and outpatient therapy. She developed physical therapy programs and protocols for a variety of units, including: oncology, telemetry, orthopedics, neurology, cardiology, and transplant. Claire is the Supervising Therapist for Health Onsite and oversees post-operative rehabilitation for orthopedic clients. Claire is an expert in vestibular rehabilitation, and works extensively with the post-craniotomy population. She is also an expert in wound care management using pulse lavage technology, and has extensive experience in myofascial release interventions. She is a Credentialed Clinical Instructor with APTA, an FMT Blades Certified Therapist, a Taichi for Arthritis and Fall Prevention Instructor, and a Certified Exercise Expert for Aging Adults from the Academy of Geriatric Physical Therapy.

Speaker Disclosures:

Financial: Claire Manansala is compensated by The Neuro Specialist Institute as an instructor for the CNS Certification Course.

Non-financial: Claire Manansala has no non-financial relationships to disclose.

Legal Disclaimers:

The "CNS" designation indicates that a healthcare practitioner has completed advanced-level training in neurological rehabilitation through a series of workshops/seminars, and has successfully passed a certification examination. Certification indicates that a person has met the specific requirements of the certification process, but is not a guarantee of any treatment processes, results, or outcomes.

The "CNS" designation does not expand a professional's scope of practice. It does not qualify a healthcare professional to offer or provide professional services without appropriate licensure or credentials.

The Neuro Specialist Institute shall not be liable for any loss, damage, injury, claim, or otherwise, whether an action in contract or tort and shall further not be liable for any lost profits, or direct, indirect, special, punitive, or consequential damages of any kind (including, without limitation, attorneys' fees and expenses).

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The Neuro Specialist Institute reserves the right to screen applicants prior to registration in order to determine if they meet professional, legal, and ethical requirements. Only applicants in good standing (not subject to any sanction, suspension, or disciplinary censures) and without history of any legal/ethical/academic disciplinary actions will be given consideration to take any course by The Neuro Specialist Institute.

Raquel Agmon, MS, OTR/L, CNS

Raquel or “Rocky” is an occupational therapist with a passion for working with the neuro population across the lifespan. She studied Psychology at University of California, San Diego, where she graduated as a Provost Scholar. She earned her Master’s in Occupational Therapy from West Coast University, where she received the Higher Academic Achievement Award. Raquel has developed a deep appreciation for working with individuals with cognitive deficits. Her newest adventure is being a school-based OT for Los Angeles Unified School District. She has experience working with neuro patients from pediatrics to geriatrics, in both home and community and outpatient rehabilitation settings.

Speaker Disclosures:

Financial: Raquel Agmon is compensated by The Neuro Specialist Institute as an instructor for the CNS Certification Course.

Non-financial: Raquel Agmon has no non-financial relationships to disclose.

Blake Erban, MS, OTR/L, CNS, PAM

Blake is an occupational therapist who has been passionate about neurological rehab his whole career. He completed his undergraduate degree in at Concordia University Chicago and his Master of Science in Occupational Therapy at West Coast University. Blake was awarded the Founding Dean’s Award and Alumni Network Professional Development Scholarship at West Coast University. He is a Certified Neuro Specialist (CNS) alumni who has been involved with course delivery since its inception, and has clinical experience in home and community rehab, outpatient rehab, hand therapy, and home health therapy. Blake is currently working in the community reintegration field providing services for adults with acquired brain injury in the sub-acute setting. Additionally, he is contributing to the development of a new outpatient neuro day treatment program in San Dimas, CA.

Speaker Disclosures:

Financial: Blake Erban is compensated by The Neuro Specialist Institute as an instructor for the CNS Certification Course.

Non-financial: Blake Erban has no non-financial relationships to disclose.

Alyson Fisher, MS, OTR/L, CNS

Alyson is an occupational therapist who presently works at California Rehab Institute, in Los Angeles. She graduated from West Coast University’s Master of Science program in Occupational Therapy, and has experience working with adults and older adults in both the skilled nursing and acute rehab setting. In 2016, Alyson experienced an ischemic stroke while in her 5th week of OT school, but has since made a full recovery. This experience has helped to shape and foster her love and appreciation for neuro-based therapy and OT’s role in facilitating that journey with recovery. In her free time, Alyson enjoys spending time with her husband and dog, playing football, swimming, and painting.

Speaker Disclosures:

Financial: Alyson Fisher is compensated by The Neuro Specialist Institute as an instructor for the CNS Certification Course.

Non-financial: Alyson Fisher has no non-financial relationships to disclose.

Maura Rey, DPT, PT, CNS, CEEAA

Maura works as the lead physical therapist at Adventist Health White Memorial in Los Angeles. She graduated from the University of Santa Isabel, in the Philippines, and completed her post-professional doctoral studies at Utica College in New York. Maura has extensive experience in neurological rehabilitation and works with the stroke and brain injury population across various settings. She consistently incorporates neuro-facilitation techniques during balance and gait interventions, and is one of the original Certified Neuro Specialists in the nation. Maura also works closely with the geriatric population and is a Certified Exercise Expert for Aging Adults from the Academy of Geriatric Physical Therapy.

Speaker Disclosures:

Financial: Maura Rey is compensated by The Neuro Specialist Institute as an instructor for the CNS Certification Course.

Non-financial: Maura Rey has no non-financial relationships to disclose.

Eugene Samaniego, MS, OTR/L, CNS, PAM

Eugene is an occupational therapist currently providing services in a skilled nursing and sub-acute facility in the greater Los Angeles area. Eugene also has clinical experience in the outpatient setting where he provides skilled services for a variety of neurological and upper extremity conditions. After recovering from a life changing CVA in 2014, Eugene found his calling to become an Occupational Therapist and ultimately found his passion to help individuals who have also suffered from neurological injury. Eugene’s passion and lived experience has led to his pursuit to become a Certified Neuro Specialist to better assist those in need. He has been involved with The Neuro Specialist Institute since its inception and was one of the first Certified Neuro Specialists (CNS) in the nation.

Speaker Disclosures:

Financial: Eugene Samaniego is compensated by The Neuro Specialist Institute as an instructor for the CNS Certification Course.

Non-financial: Eugene Samaniego has no non-financial relationships to disclose.