

**PROPOSED PATHWAYS TO EXPERTISE
IN AYRES SENSORY INTEGRATION® (ASI)**

LEVELS	KNOWLEDGE AND SKILLS
LEVEL 1: ENTRY LEVEL OUTCOMES	<ol style="list-style-type: none"> 1. Introduction to the seminal work of Dr. A. Jean Ayres 2. Sensory contributions to development including concepts of body-centered sensations, sensory motor skills, and praxis 3. Sensory challenges including reactivity, perception, postural and motor skills and praxis 4. When to refer to a professional with post-graduate specialization in ASI 5. Basic principles and equipment used in classic ASI intervention 6. Impact of sensory systems on the lived experience of people with sensory challenges.
LEVEL 2: CERTIFICATE LEVEL OUTCOMES Training programs typically consist of 120 contact hours or more	<ol style="list-style-type: none"> 1. Historical and Current Foundations of Sensory Integration (SI) Theory 2. Foundations of SI in Occupational Therapy and Occupational Science 3. Ayres Sensory Integration® as Trademarked Term 4. Typical SI development 5. The impact of SI across the lifespan 6. Neurobiological foundations for SI 7. Models of SI function and dysfunction 8. Terminology related to SI 9. Reliability and validity of direct and indirect assessments of SI and praxis 10. Research from factor analyses supporting knowledge of the patterns of SI function and dysfunction 11. Evidence on SI and praxis deficits in various populations 12. Clinical reasoning tools such as Data Driven Decision-Making 13. Differentiating SI deficits from other types of difficulties 14. ASI intervention planning based on systematic reasoning and hypothesis generation 15. Link engagement in occupation and participation with SI for goal setting and outcomes measurement 16. Considerations of a manualized intervention 17. Structural and process elements of ASI intervention 18. Distinguishing ASI intervention methods from other interventions 19. Evidence on effectiveness of ASI methods 20. Benefits and limitations of the ASI approach
LEVEL 2 SKILLS DEMONSTRATING THE ABILITY TO:	<ol style="list-style-type: none"> 1. Choose and administer ASI assessments that inform understanding of participation challenges relevant to the profession 2. Administer assessments reliably 3. Support interpretation with objective data 4. Interpret, synthesize and analyze assessment data and achieve meaningful goals 5. Communicate assessment results in a conclusive and understandable way 6. Relate SI assessment finding to reasons for referral and participation 7. Make an impact and empower others to effect change for the person with SI difficulties 8. Understand therapeutic use of self in ASI intervention 9. When SI is warranted, meet criteria for fidelity in ASI intervention
LEVEL 3 ADVANCED LEVEL OUTCOMES	<ol style="list-style-type: none"> 1. Shows motivation to continue learning 2. Builds expertise in one or more areas of research, advocacy, education, and practice 3. Links with professionals with additional expertise within and outside of their own profession 4. Contributes to new knowledge and skills in ASI 5. Takes a leadership role in their community of practice 6. Shares knowledge e.g. through publications or lectures
LEVEL 4 EXPERT LEVEL OUTCOMES	Experts are identified as individuals with exemplary knowledge and skills who make substantial contributions to ASI research, advocacy, education, or practice.