

Introduction to OnDemand Interactive Metronome Certification & Coaching



Discover the vital role of neural timing & synchronization for speech, language, cognitive, motor & sensory skills as we introduce you to Interactive Metronome, a patented biometric technology that measures and improves human timing.

Course Description:

Synchronous timing of neural networks is fundamental for cognitive, communicative, sensory, and motor performance in individuals of all ages. Numerous peer reviewed research studies have implicated poor neural timing & synchronization, which manifests as poor auditory-motor timing & rhythm, in Dyslexia and other Reading Disorders, Speech and Language Disorders, Auditory Processing Disorder, Attention Deficit/Hyperactivity Disorder, Autism Spectrum Disorders, Sensory Processing Disorders, Cognitive Deficits, Communication Disorders, Motor Dyscoordination, Parkinson's Disease, & Schizophrenia. Some of the observable symptoms of impaired neural timing & synchronization include trouble with attention, working memory, executive functions, processing speed, auditory processing, speech & language, academic achievement in reading & math, sensory processing, and motor coordination/control. This engaging presentation, Module 1 of the OnDemand Certification & Coaching Course, is designed to introduce you to the Interactive Metronome, patented biometric technology that objectively measures and improves human timing & rhythm in order to help those you serve in hospitals, clinics & schools achieve their goals and exceed expectations.

**Contact hours/ASHA and AOTA CEUs are offered pending successful completion of a written exam at the end of this course. Note: Completion of the entire OnDemand Interactive Metronome Certification & Coaching Course (8 modules) is required to receive IM Certification. While the IM equipment is NOT required for this course, you must have the IM equipment to take the full OnDemand Interactive Metronome Certification & Coaching Course (8 modules) in order to complete the labs. If you do not already own the IM equipment, you may qualify for an equipment loan. Talk to your IM representative for more information.*

Target Audience:

This course welcomes the following professionals who have completed the Interactive Metronome Certification Course.

- Speech and Language Pathologist
- Speech and Language Pathology Assistant
- Audiologist
- Occupational Therapist
- Occupational Therapy Assistant
- Physical Therapist
- Physical Therapy Assistant
- Athletic Trainer
- Licensed Medical, Rehabilitation or Mental Health Professional
- Music Therapist
- Educator

Instructional Level:

Introductory

Learning Outcomes:

Upon completion of this course, participants will be able to:

- Cite research that supports the fundamental role of timing & rhythm in habilitation, rehabilitation, and academic achievement;
- List a minimum of 3 cognitive, communicative, sensory, and/or motor skills that are impacted by poor neural timing & synchronization;
- Discuss the relevance of timing & rhythm in your professional practice and how addressing this underlying problem can enhance & accelerate outcomes.

**Note: This course covers information that pertains to licensed therapists and therapy assistants. OTA and PTA professionals must practice IM under the supervision of a licensed OT or PT.*

Specific Learning Outcomes for Speech-Language Pathologists & Audiologists:

- Cite research that supports the fundamental role of timing & rhythm in habilitation & rehabilitation of speech, language, and cognitive-communication disorders;
- List a minimum of 3 cognitive, sensory, and/or communicative skills that are impacted by poor neural timing & synchronization;
- Discuss the relevance of timing & rhythm in SLP clinical practice and how addressing this underlying problem can enhance & accelerate treatment outcomes.

***Note: This course covers information that pertains to licensed therapists and therapy assistants. SLPA professionals must practice IM under the supervision of a licensed SLP.**

Instructor:

April Christopherson, OTR/L has been an Occupational Therapist for almost 20 years and has worked with diverse populations in a variety of settings – including home health, private clinic and in-patient rehabilitation. She is the owner of MaxAchieve, Inc. in Colorado Springs, CO where her current clientele range from pediatrics to adults to high performance athletes, both stateside and internationally. She believes in a whole, team approach to the client – including various medical professionals and therapists plus the use of functional neurology and metabolic/nutrition counseling. She also works exclusively with the Shandy Clinic in Colorado Springs, CO providing solutions to families with children suffering from Autism, Asperger's, ADHD, and other diagnoses. April has worked as a legal consultant and as an expert witness throughout the United States. April was granted her degrees in Occupational Therapy and Psychology from St Ambrose University in Davenport, IA in 1991.

Instructor Financial Disclosure(s): April is the author of course materials that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria from Interactive Metronome, Inc. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored. April is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses from Interactive Metronome, Inc. April does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): April periodically contributes blog posts to www.interactivemetronome.com that are clinical in nature. She does not receive compensation for this. April uses the Interactive Metronome in clinical practice at MaxAchieve, Inc.

Course Content Disclosure:

The Interactive Metronome, Inc. has developed and patented a licensed technology trademarked as the Interactive Metronome®. (U.S. Patents #4,919,030; #5,529,498; #5,743,744; #6,719,690; other U.S. and foreign patents pending) Interactive Metronome, Inc. is the sole source of the following products: Interactive Metronome®, Gait Mate® and IM Home®. Because there are no other like-kind products available, course offerings will only cover information that pertains to the effective and safe use of the above-named products.

Course Origination Date*: 12/17/2017

*Course content is reviewed annually to make sure it remains current and relevant to the practice of Interactive Metronome.

Agenda (60 minutes):

- Speaker Introduction & Disclosure
- Overview of Interactive Metronome® (IM®) technology
- Importance of Timing & Rhythm
- Review of IM & Supporting Research Studies
- Additional Reading
- Online Post-Test & Course Evaluation

Instructional Methods:

LECTURE, PPT, VIDEO, CASE STUDY, READING MATERIALS

Contact Hours/ASHA and AOTA CEUs:

0.1 ASHA (1.0 contact hour)

0.1 AOTA/1.25 NBCOT PDUs (1.0 contact hour)

PT/PTA & Other Disciplines Not Listed Above: If your discipline or state is not listed above, you may submit paperwork to your state board or association for CEUs if they allow you to do so. Please check with your state board/association prior to registering for this course.

This is not a co-sponsored or cooperative course offering. Interactive Metronome, Inc. is the organization responsible for creating the content & awarding AOTA CEUs.



Effective July 1, 2011, individuals must meet at least one of the following conditions in order to be eligible to earn ASHA CEUs.

- ASHA Member (includes Life member and International affiliates)
- ASHA Certificate of Clinical Competence (CCC) Holder
- Licensed by a state or provincial regulatory agency to practice speech-language pathology (SLP) or audiology
- Credentialed by a state regulatory agency to practice SLP or audiology
- Credentialed by a national regulatory agency to practice SLP or audiology
- Currently enrolled in a masters or doctoral program in SLP or audiology



Interactive Metronome is an AOTA Approved Provider of professional development. This distance learning course is offered at 0.1 CEU, introductory, Professional Issues. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.