

The Basic Neuroscience of Music in Therapy

6 CMTE Credits

Date: Self-study Course – *complete at your convenience*

Course Updated: 6/2015

Location: Online

Course Cost: \$99.00

Prerequisites: None

Description: This course is designed to help the music therapy clinician understand basic neuroscience. We will go over important brain areas, systems, and networks. We will then explore how music activates the brain. This information will be presented so that clinicians can better 1) read research by knowing basic structures and 2) explain how music can affect behavior. We will relate information to clients in rehabilitation and habilitation. You will learn through lecture, video supplements, and coloring!

Learning Objectives:

Participants will have the opportunity to:

- learn basic neurological systems (CBMT Certification Domain II.A.2)
- understand how music therapy treatment can promote brain changes to improve nonmusical skills (CBMT Certification Domain II.A.2.).
- learn how current neuroscience research literature can inform treatment implementation (CBMT Certification Domain I.D.2.a)
- understand basic science language that may be used in professional conversations (CBMT Certification Domain IV.B.7)

Course Schedule (to be completed at your convenience):

This CMTE course includes video lecture, worksheets, and handouts.

Unit I: Basic Functional Neuroscience (50 minutes)

Unit II: Music in the Brain/Why music Works (75 minutes)

Unit III: Considerations for Reading Research and Clinical Implications (175 minutes)

Total Time = 300 minutes = 6 Credits

CMTE Credits. To obtain credits, participants must submit:

- Completed course evaluation.

Technology Requirements: You must have an internet connection (DSL or higher), an internet browser (firefox, safari, etc...). You will also need a pdf reader.

Other Materials: Crayons, markers or colored pencils!

How this Works: You will view presentations while watching a video of the presented. You will be able to correspond via email/skype with the presenter (dr.blythelagasse). Videos can be accessed at any time from any computer with an internet connection.

Cancellation and Refund Policy: If you are not satisfied for any reason, you can request a refund of course fee (minus paypal processing fees) in writing. Participants who are not able to view the session due to technology difficulties/errors will receive a full refund. All refunds will be processed within two weeks of a written request.

CMTE Information: *The Basic Neuroscience of Music in Therapy* is approved by the Certification Board for Music Therapists (CBMT) for 6 Continuing Music Therapy Education credits. Summit Music Therapy Services, #P-114 maintains responsibility for program quality and adherence to CBMT policies and criteria.

Instructor Bio:

Blythe LaGasse, Ph.D. is the owner of Summit Music Therapy Services, a private practice that provides evidence-based services to children with disabilities. She holds a doctorate of philosophy in music education/therapy with an emphasis in communication neuroscience. She has over 10 years experience providing music therapy services to children. She also has over 7 years experience teaching online music therapy courses at the collegiate level.