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## EL743 Online Brain Training Workshop

### Learning Contract for College Credit

#### Graduate School Application

Prior to the start of the workshop, submit an application to the ESU Graduate School. For non-degree seeking students graduate application fee is \$25.00. Verification of undergraduate degree completion an unofficial transcript will need to be submitted. The documents can be uploaded through the [Graduate Application Portal](#), faxed 620-341-5909 or emailed to [gradinfo@emporia.edu](mailto:gradinfo@emporia.edu).

**Note:** If you are currently enrolled or have recently attended ESU, this application fee may be waived. Contact the graduate office to verify. You can send an email or call: 620-341-5403

**Tuition:** \$266.41/credit hour (in Kansas); \$399. 62/credit hour (out of state)

#### ◆ **One-Credit Hour Requirements:**

- Attend online workshop from 8:00 AM – 4:00 PM and participate fully on **June 2 & 3, 2020**
- Submit a 3-2-1 Exit Slip Reflection due by 11:59 PM (CDT) at the end of each of the two days and respond to at least one classmates' question.

#### ◆ **Two-Credit Hour Requirements:**

- Complete requirements for one hour credit stated above;
  - Then choose 1 of the following (Due by 11:59 PM CDT on Friday, June 26, 2020):
    - Complete Sample 5- day Lesson Planning (pages 32-38 of the workshop book)
- OR---
- Create 2 videos of you demonstrating two different brain exercises. Consider that these could be used to send to students to watch to help them learn the exercise. They could be sent to parents, absent students, administrators, etc. to better understand how to do an exercise of your choice that you have learned in the workshop. Upload your video (via private share link) to YouTube and post the link on Canvas:  
<https://www.youtube.com/watch?v=sjOMnhtD9Ks>

All videos and plans will be placed in a collection library for everyone to have access to and share ideas. If you prefer not to have work included or shared with the group, please email me and ask to "opt-out" at [mreed@emporia.edu](mailto:mreed@emporia.edu).

The course will be access through Canvas. Once you are enrolled, you will be able to access through the Hornet365 Portal: <https://sites.google.com/g.emporia.edu/emporiastateuniversity/>

Please email me with any questions: Melissa Reed, Ph.D., [mreed@emporia.edu](mailto:mreed@emporia.edu)

## **Workshop Agenda**

### **Tuesday June 2, 8:00 am-4:00 pm (CDT)**

- ***Research behind Equipping Minds Holistic Approach to Cognitive Development***  
Participants will learn that the brain can change, as the latest research on neuroplasticity has proven. Dr. Brown's research will be examined.
- ***Equipping Minds Cognitive Development Curriculum Overview***  
Participants will review the key sections of the workbook and how to use each area.
- ***Exercises to Improve Processing and Working Memory Part 1***  
Participants will learn the foundational exercises for developing visual processing, auditory processing, language processing, and working memory.

### **12:00 Lunch**

- ***Exercises to Improve Processing and Working Memory Part 2***  
Participants will learn the foundational exercises for developing visual processing, auditory processing, language processing, and working memory.
- ***Foundations for Intelligent Thinking with Aristotle's Ten Categories to Develop Comprehension and Critical Thinking***  
Learn the ten categories and how to use Socratic questioning to develop comprehension and critical thinking.
- ***Equipping Minds through Trauma-Informed Lens and Interventions***  
Participants will learn how trauma and stress impact behavior, social skills, communication, and learning.




### **Wednesday, June 3, 8:00 am-4:00 pm (CDT)**

- ***Accessing and Integrating Primitive Reflexes***  
Participants will learn seven primitive reflexes, the symptoms associated with each and how to integrate.
- ***Understanding the Visual, Auditory, and Vestibular System***  
Learn the importance of the vestibular system, visual processing, and auditory processing to learning. Learn the exercises to connect these pathways.  
  
***Exercises for the Brown 6-9 N Back***
- Dr. Carol Brown developed an adaptive n-back with six-nine tasks in which learners were asked to associated animals with symbols, vowels with sound, symbols, and colors, numbers and letters, with symbols and colors, recall images and sequence of US presidents, identify colors, and identify directions of left, right, up, and down.
- ***Classroom Connections to Impact Reading, Math, Writing, Comprehension, Spelling, History, and Science***  
Understand the cognitive skills needed for each subject and how to use Equipping Minds in those classes.

### **12:00 pm Lunch**

- ***Equipping Minds Sessions Overview***  
Carol will walk participants through the first ten sessions of the program and how to implement it in the school day. The lesson plans for the 30 hours of intervention in the Equipping Minds research study will also be discussed.
- ***Integrating the Equipping Minds Cognitive Development Curriculum in the Classroom, Small Group, Learning Center, Workplace, Adult Living Center, Church, After-School Program and Home***  
Schools are implementing Equipping Minds in RTI, regular, gifted, and special education classrooms. It is implemented one on one, small group, and in large classrooms. Learn how this is done.

**3-2-1 Daily Exit Slip**

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| <p style="text-align: center;"><b>3</b></p> <p style="text-align: center;"><b>TEACHER<br/>TAKEAWAYS</b></p> <p>Ideas that I plan to use in my classroom right away</p>   | <div style="border: 1px solid black; height: 100%; width: 100%;"></div> |
| <p style="text-align: center;"><b>2</b></p> <p style="text-align: center;"><b>A-HA!<br/>MOMENTS</b></p> <p>Realizations that made me stop and think (this could be anything shared or experienced during the day).</p>  | <div style="border: 1px solid black; height: 100%; width: 100%;"></div> |
| <p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>QUESTION<br/>I STILL HAVE</b></p>   | <div style="border: 1px solid black; height: 100%; width: 100%;"></div> |