

# Determination of Credit Hours

## Mergener Formula Documentation

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Course</b>          | Executive Function and School Readiness: Evidence-Based Assessment and Intervention in Early Childhood |
| <b>Provider</b>        | Child & School Psychology CE                                                                           |
| <b>Instructor</b>      | Jaime Flowers, Ph.D., NCSP, LEP, BCBA                                                                  |
| <b>Delivery Format</b> | Online independent study / home study with active learning                                             |
| <b>Credit Hours</b>    | 8 CE hours                                                                                             |

### Purpose

This record summarizes the instructional components and credit-hour methodology for this eight-credit independent-study continuing education course.

### Course Components

- Nine instructional lessons address executive function, self-regulation, working memory and cognitive flexibility, inhibitory control, social-emotional readiness, language and cognitive development, developmental variation, preschool consultation, and progress monitoring.
- Instruction includes early childhood assessment, evidence-based intervention, case application, consultation, and data-informed school psychology practice.
- Primary assigned reading: Preparing Young Children for School (What Works Clearinghouse / Institute of Education Sciences, August 2022), printed guide pages 1-60.
- Learning activities include embedded interactive practice, applied responses, and course assessment.

### Mergener Formula

Minutes =  $0.9 \times [-22.3 + (0.00209 \times \text{words}) + (2.78 \times \text{questions}) + (15.5 \times \text{difficulty})]$

The Mergener method considers instructional text volume, learner-response items, and instructional difficulty. Course credit designation: 8 CE hours.

## Primary Assigned Reading

Burchinal et al. (2022). Preparing Young Children for School. What Works Clearinghouse practice guide, WWC 2022009. Assigned core reading: printed guide pages 1–60, including the introduction and seven practice recommendations.

Reading source: [Institute of Education Sciences — Free Practice Guide \(PDF\)](#)

## Instructional Focus

- Development and application of executive function and self-regulation in early childhood.
- Evidence-based supports for social-emotional learning, early language, cognition, and foundational academic readiness.
- Assessment-informed decision-making, consultation, intervention selection, and progress monitoring in preschool settings.

## Credit-Hour Determination

**CREDIT HOURS AWARDED: 8 CE HOURS**

## Calculation Framework

The Mergener calculation framework includes required instructional words (W), learner-response questions (Q), and difficulty level (D). The eight-hour credit value is the course's designated award; this document does not present numerical formula inputs or a reconstructed calculation.

## Counting Principles

- Count required external readings once when used across multiple lessons.
- Include substantive lesson instruction, professional examples, and applicable scenario-based learning material.
- Avoid counting repeated navigation, administrative messages, and decorative interactions as instruction.

Prepared for: Child & School Psychology CE

Course Instructor: Jaime Flowers, Ph.D., NCSP, LEP, BCBA