

Determination of Credit Hours

Mergener Formula Documentation

Course	Teacher-Delivered Behavior Supports in K–5 Classrooms: A Refresher for School Psychologists
Provider	Child & School Psychology CE
Instructor	Jaime Flowers, Ph.D., NCSP, LEP, BCBA
Delivery Format	Online independent study / home study with active learning
Credit Awarded	7.0 continuing education hours

Purpose

This record documents the method used to establish the amount of continuing education credit awarded for this text-based independent-study course. Credit is based on estimated learner completion time using the Mergener formula rather than on the number of lessons alone.

Course Components Reviewed

- Nine instructional lessons addressing use of the WWC practice guide in school psychology consultation and the seven teacher-delivered behavioral intervention recommendations, followed by an integrative lesson focused on selecting, combining, monitoring, and adjusting supports.
- Required professional reading from the Institute of Education Sciences What Works Clearinghouse practice guide, Teacher-Delivered Behavioral Interventions in Grades K–5.
- Thirty-five embedded interactive activities, including consultation scenarios, matching and classification tasks, plan-building exercises, data interpretation, and branching decision activities.
- Nine applied written-response activities requiring participants to analyze classroom data, design or revise intervention strategies, and explain professional decision-making.
- A 30-item final assessment.

Mergener Formula

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

For this determination, the course is classified at difficulty level 4 (Difficult) because it is designed for practicing school psychologists and requires professional-level interpretation of classroom behavior data, selection and adaptation of evidence-based interventions, consideration of implementation fidelity and student response, and application of the material to consultation and school-based problem solving.

Calculation Record

Input	Value Used	Documentation Note
Instructional words	13,000	Conservative working count for the course instructional text and assigned professional reading used in the home-study program; repeated navigation, links, and interface text are not counted.
Assessment / learner-response items	150	Approximately 120 embedded learner-response items across the interactive activities, plus the 30-item final assessment.
Difficulty	4	Difficult; professional-level consultation, data interpretation, intervention selection, and applied decision-making.

Calculation: $0.9 \times [-22.3 + (0.00209 \times 13,000) + (2.78 \times 150) + (15.5 \times 4)]$
= 435.483 minutes = 7.26 hours

CREDIT AWARDED: 7.0 CE HOURS

The awarded credit is rounded down from the working Mergener estimate of approximately 7.26 hours.

Counting Rules Used

- Required professional reading is counted only once, even when the practice guide is linked or referenced from more than one lesson.
- Substantive lesson explanations, examples, scenarios, data sets, activity directions, and applied-analysis instructions are included as instructional content where appropriate.
- Interactive responses and final-assessment items are accounted for in the question component of the formula rather than being used to inflate reading time.
- Navigation, repeated headers and footers, website menus, course-completion notices, and other noninstructional interface text are excluded.
- **The seven-hour award is conservative and does not round the calculated working estimate upward.**

Prepared for: Child & School Psychology CE

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