

1.0 Graduate Credit - ONLINE

ED 589: Data-Driven Instructional Strategies, Grades K-12

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Course Credit: 1.0 graduate credits

Dates & Times: Online: This 15-hour online, asynchronous course, divided into 10 modules. The student must spend a minimum of 1.5 to 2 hours per week over 10 weeks to complete this course.

COURSE DESCRIPTION:

Instructional decision-making hinges on variables that can change by the minute, the hour, and the student. The many forms that data take can inform rich instruction. It's all about driving the right data to the right instructional strategy. This course will focus on deep data digs, gaps analysis, and meeting the needs of all learners.

STUDENT LEARNING OUTCOMES:

Upon completion of this course, the student will be able to:

- Glean and use valuable information about student performance from data.
- Analyze and defend multiple data sets to inform instructional strategy to include curriculum surveys, inventories, standardized tests, benchmarks, anecdotal data.
- Interpret data to plan instruction.

TEXTS, READINGS, INSTRUCTIONAL RESOURCES:

Required Text:

- Dufour, R., Dufour, R., & Eaker. (2010). *Learning By Doing*. Bloomington, IN: Solution Tree
- Marzano, R. J. (2015). *Creating and Using Learning Targets & Performance Scales: How Teachers Make Better Instructional Decisions*. Marzano Laboratories.
- Marzano, R. J. (2012). *Becoming a Reflective Teacher*. Marzano Laboratories.

Recommended Text:

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- Higgs-Horwell, M., & Schwelik, J. (2007). Building a Professional Learning Community: Getting a Large Return on a Small Investment. *Library Media Connection*, 26(3), 36-38.
- Venables, D. (2014). *How Teachers Can Turn Data Into Action*. Alexandria, VA: ASCD.

COURSE REQUIREMENTS:

Students will have 10 weeks to complete each course, after which time they will be un-enrolled. If you need an extension, please email the instructor. Complete one module at a time. This is a 15-hour course. Each module will take approximately 1.5 to 2 hours to complete, give or take with some less and some more, to constitute 15 full instructional hours. The system will auto-check the course components when the requirements have been met. Requirements include reading lectures, viewing video, and responding to discussion prompts or scenario prompts. Keep in mind that:

- Some course elements are optional such as grade-band video and resources, in which case you can toggle over the check box and self-check to keep a record of your progress.
- Certificates of Completion will be made available in the final module once all assignments are submitted, participation and hours requirements met.

In order to receive a Passing grade, the participant must complete the following course requirements:

- All discussion forums and/or scenario responses must include 1 original post to the question prompt and one to another student in the cohort.
- All video viewed. When there are several video divided by grade-band, select the appropriate and view.
- All books read in full, scrolling from beginning to end.
- All practice lessons and/or activities complete.
- All assignments complete (lessons or unit plans)
- Certificates will not be printable until all of the above conditions have been met, with a passing grade issued by the instructor.

Grade Distribution:

Discussion Forums, Scenario Responses	30%
lessons and/or activities	20%
Lesson and/or unit Plans	50%

GRADE DISTRIBUTION AND SCALE:

Grade Scale:

Grading will be Pass/Fail: A minimum score of 80% will be required to pass.