Data Literacy and Evidence-Based Practices – D019

Course Feedback

Overview

Data Literacy and Evidence-Based Practices focuses on the development of data literacy skills educators need to improve the learning and development opportunities of K–12 students. Candidates will practice identifying educational problems and data types, generating data, analyzing data, making inferences and drawing conclusions, and creating action plans within their educational settings. Candidates will also learn best practices for data literacy, including continuous improvement planning, approaches to professional learning communities, and instructional decision-making processes. This course has no prerequisites.

Competencies

▲ Readiness
This competency exists to assess the readiness of students.

▲ Best Practices Using Educational Data
The graduate recommends evidence-based practices based on emerging trends in data use appropriate to the field of specialization.

▲ Applied Data Literacy Skills
The graduate applies data literacy and analysis skills appropriate to the graduate’s field of specialization to enhance learning and development opportunities for all P–12 students.

▲ Conceptual Framework for Data Literacy
The graduate applies research sources and data types useful in the graduate’s field of specialization to improve learning and development opportunities for all P–12 students.

Learning

Getting Started
Welcome to Data Literacy and Evidence-Based Practices! In this course, you will learn about the development and application of data literacy skills that educators need to improve the learning and development in today’s schools. This course will be delivered in the Smart Author platform, which incorporates reading materials, videos, and a variety of other interactive learning components. You are encouraged to engage in the interactive components (e.g., questions and quizzes) to practice and retain what you have learned. Your competency will be demonstrated by the successful completion of a performance assessment.