

# School Improvement Planning through Data Analysis Graduate Certificate



## Take your career to the next level.

Develop your professional skills with a certificate in School Improvement Planning through Data Analysis. Learn data analysis, assessments, reporting, and more. Courses completed in just 9 months!

- Learn to create aligned, rigorous, valid, and reliable assessments
- Explore differences between large-scale and classroom assessments to create assessment literate practices within schools and districts
- Learn to use high-quality student data (HQSD) to inform instruction, guide instructional decisions, and meet student needs
- Develop expertise in value-added reporting to differentiate instruction
- Align classroom, building, or district improvement plans with large-scale and classroom data
- This certificate provides the content knowledge to be a successful member of the Ohio Education Data Professionals Network
- Courses are 100% online with supplemental Zoom meetings

## Contact Us

For more information,  
please contact:

**Bryan Drost**

bryan.drost@ursuline.edu

Make  
Your World  
More

Ursuline College 

ursuline.edu

## Curriculum

**ED 525** Assessment Literacy and Analysis (3 credits)

**ED 545** Classroom Assessment and Analysis (3 credits)

**ED 565** Data and Accountability Systems (3 credits)

---

**Total credits: 9**

Apply online today at

[ursuline.edu/apply](https://ursuline.edu/apply)

**ED 525 Assessment Literacy and Analysis****3 credits**

Appropriately using student assessment in the school environment requires a basic understanding of test creation, psychometric principles such as reliability and validity and the differences between different types of tests. In this course, basic knowledge and skills related to the creation and usage of major types of student assessments and their analysis will be discussed. Historical, ethical, and bias and fairness issues related to psychometrics will also be discussed to ensure that data-based decisions are responsible as well as educationally sound.

**January 9 – March 15, 2023**

*Course is online with the following Zoom meetings:*

**Monday, January 9, 4:45-6:45 pm****Thursday, January 26, 4:45-6:45 pm****Thursday, February 9, 4:45-6:45 pm****Thursday, February 23, 4:45-6:45 pm****ED 545 Classroom Assessment and Analysis****3 credits**

Classroom assessment design and analysis is one of the fastest growing elements of the testing and measurement discipline. In this course, basic knowledge and skills related to the creation, usage, and interpretation of formative and summative classroom assessments will be discussed. The course focuses on using these types of assessments to improve student learning and concludes with discussion on how classroom assessment fits into the larger world of educational testing.

**March 26 – May 13, 2023**

*Course is online with the following Zoom meetings:*

**Monday, March 27, 4:45-6:45 pm****Monday, April 3, 4:45-6:45 pm****Tuesday, April 25, 4:45-6:45 pm****Thursday, May 11, 4:45-6:45 pm****ED 565 Data and Accountability Systems****3 credits**

This course examines how the state and federal governments use assessment data to create an accountability picture of a school district and examines ways to target and plan to improve the various measures through a lens of school improvement. Topics in the course will relate to the following areas: local equitable access planning, progress toward graduation, early warning system, data usage for student academic success, value-added data for progress, special education profiles and ratings, OTES 2.0 and coaching.

**May 21 – July 14, 2023**

*Course is online with the following Zoom meetings:*

**Monday, May 22, 4:45-6:45 pm****Thursday, June 22, 4:45-6:45 pm****Thursday, July 13, 4:45-6:45 pm****Contact us**

Call us at **440.646.8146** or visit [ursuline.edu/visit](https://ursuline.edu/visit) to schedule your personal admissions appointment today.

**Make  
Your World  
More**

Ursuline College 

[ursuline.edu](https://ursuline.edu)

