# EDAD 6948 - Data Driven School Improvement and Program Evaluation

## Fall 2026 Syllabus, Section A02, CRN 43465,

Credit hours: 3

## Instructor

**Christopher Rateno**

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## Public Instructor Information

Instructor Title: Christopher J. Rateno Ed.D.
Instructor Professional Qualifications: Ed.D. Leadership, Youngstown State University - 2018
Instructor Office Location: Adjunct
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## Course Description

6948. Data Driven School Improvement and Program Evaluation.This course examines the integral impact data-informed decision management has on educational accountability and the efficacy of program initiatives that facilitate standards for improvement in the classroom, building, and district level. Comprehensive data retrieval, analysis, and interpretation are invaluable to promote equitable and culturally responsive leaders who foster not only school improvement, but also a climate where accountability for students reaches further than academic performance.

## Course Readings

| Group | Title | Author | ISBN |
|---|---|---|---|
| Required | | | |

**Required Text/Resources**

Goldring, E., & Berends, M. (2009). Leading with Data: Pathways to Improve Your School. Thousand Oaks, California: Corwin Press

**Recommended Text/Resources**

*Publication Manual of the American Psychological Association.* 6th Edition.

**Required Readings –**

Bernhardt, V. L. *Measuring What We Do in Schools: How to Know If What We Are Doing Is Making a Difference,*Chapters 1, 2, & 4 ASCD, 2017, pp. 1-25; 52-65. Gale.

Bernhardt, V. L., (1998, March). Multiple Measures. *California Association for Supervision and Curriculum Development* (CASCD).

Couros, G. (2015). *The Innovator's Mindset: Empower Learning, Unleash Talent, and Lead a Culture of Creativity,* pp 81-92. Dave Burgess.

Summey, Dustin C. (2013) *Developing Digital Literacies*: *A Framework for Professional Learning*, 2013, pp. 1-21 Corwin.

Crompton, H., Burke, D., Jordan, K., & Wilson, S. W. G.. Learning with technology during emergencies: A systematic review of K-12 education. *British Journal of Educational Technology*. 2021; 52: 1554– 1575. https://doi.org/10.1111/bjet.13114

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

# Schedule of Topics and Assignments

| Week of | Reading(s) | Proposed Topic | Due/To Prepare for Class |
|---|---|---|---|
| 8/24 | Syllabus Course Direction and Requirement Goldring Chs 1-3 | Course overview Getting started with data (why data, & what data) Overview to data types available | Posting 1. Data Usage: Where, What, and How |
| 8/31 | Bernhardt Articles Toldson Article | Manipulating and analyzing data from multiple sources. | Discussion Posting Task 2: Data types and possible data interaction Horizon Data Analysis Report |
| 9/7 | Couros Ch. 5 Summey Ch. 1 Crompton Et el. Goldring Ch. 7 | Using technology effectively for continuous school improvement # Needs of 4 levels of stakeholders # Leading Data Conversations Application of technology in data communication | Discussion Posting Task 3: Possible Stakeholders and Resources ISTE Technology Assessment (Posted to BlackBoard and SLL) |
| 9/14 | Goldring Chs 4-6 Castro, Germain & Goodman (2018). Increasing Diversity in K-12 Leadership | What Data Means: How to make sense of data? High Quality Student Data | Discussion Posting Task 4: Data Driven Online Decision Final Project Parts 1 & 2(3 Types of Available Data and preliminary analysis) |
| 9/21 | Goldring Chs 8-9 | Communicating Data Effectively 5 Step Process/Evidence Based Interventions | Discussion Posting 5: Group solution of a data report critique (provided by instructor) Final Project Part 3 (Logic Model) |
| 9/28 | Goldring Ch 10 Toward Continuous Program Improvement | Develop action plan guided by data and monitor for fidelity and effectiveness # Connect data results with needs # Connect data results with actions # Connect action with time # Connect action with vision and stakeholders # Connect data results with educators for accountability | School Improvement Action Plan Part 4 (formative) Peer critique for final project |
| 10/5 | | Using Data for Organizational Learning and Capacity Building (Measure Up) | Final Project Due: Comprehensive Exams: Upload all assessment artifacts onto SLL |

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