EDAD 6948 - Data Driven School Improvement and Program Evaluation

Fall 2026 Syllabus, Section 01, CRN 44282,

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
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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

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.