

FOUN 8104 - Research Strategies in Educational Administration

Fall 2026 Syllabus, Section A02, CRN 42520,

Credit hours: 3

Instructor

Karen Larwin

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Public Instructor Information

Professor: Karen H. Larwin, Ph.D.

Professional Qualifications:

Ph. D., Evaluation, Measurement, and Applied Statistics, Kent State University, 2007

Master's, Public Health, CEOMPH, 2021

Master's, Evaluation & Measurement, Kent State University, 2004

Bachelor's, Psychology, Kent State University, 2003

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Course Description

8104. Research Strategies in Educational Administration. An examination of major research methodologies and a preview of the different paradigms and assumptions that underlie controlled disciplined inquiries. Techniques associated with particular methodologies in educational administration will be introduced, and their strengths and weaknesses will be analyzed. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	The Research Methods: The Essential Knowledge Base	Trochim, W.M.K., Donnelly, J.P., and Arora, K.	13: 978-1133954774

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
10/19	Pages 1-51 in Research Methods Knowledge Base	Foundation of research and ethics in research	Discussion Board Post, CITI Training Activity, Reading Quiz
10/26	Sampling Section of Trochim 77-104	Using sampling and inference in research	Discussion Board Post, Avoid Plagiarism Activity, Sampling Activity, Reading Quiz
11/2	Pages 109-142 in Trochim; Sullivan G. M. (2011); Frisbie, D. A. (2005).	Compare/Contrast Reliability and Validity in Measurement	Discussion Board Post, Measurement Paper Response, Reading Quiz
11/9	Pages 145-201 in Trochim	Use survey research for item analysis	Discussion Board Post, Item Analysis Activity, Reading Quiz
11/16	Pages 203-274 in Trochim; Sherman, G. D., Haidt, J., & Coan, J. A. (2009).	Use research design to support causal analysis	Discussion Board Post, External Validity Causal Claims, Reading Quiz
11/23	Pages 279-326 in Trochim; Gliner, J., Leech, N., Morgan, G. (2002). ; Levine, T., Weber, R., Hullett, C., Park, H., Massi Lindsey, L. (2008); Nuzzo, R. (2014); Schumm, W. (2012)	Defend approaches to drawing conclusions from research	Discussion Board Post, Paper Response on NHST, Reading Quiz

11/30	Pages 327-343 in Trochim	Assessing the use of probability in research	Discussion Board Post, NHST Activity, Reading Quiz (optional), Validity Threats Activity
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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.