

EDAD 8115 - Evidence, Research and Program Evaluation

Fall 2026 Syllabus, Section A02, CRN 42971,

Credit hours: 3

Instructor

David Bowlin

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Public Instructor Information

Instructor Title: Professor Dr. David Bowlin

Instructor Professional Qualifications: Ed.D., Administration and Policy Studies, University of Pittsburgh, 2004

Master's, Secondary Administration, Duquesne University, 2000

Master's, Secondary Education, Duquesne University, 1993

Bachelors, Biology, Carlow College, 1986

Instructor Office Location: Virtual / Home Office

Instructor Office Phone: 412-352-8571

Course Description

8115. Evidence, Research and Program Evaluation. Evidence, Research, and Data in Program Evaluation is designed for practitioners seeking to enhance their understanding of Program Evaluation and Data Mining methods. Students will explore quantitative research design, sampling strategies, initial research category formation, and data coding methods. The course will also utilize statistical tools, such as regression analysis, to demonstrate how data can be collected to form statistically significant conclusions. Throughout the course, students will examine a variety of case studies from the field of education to provide practical applications for the topics covered. By the end of the course, students will be equipped with applied research methods that can be used when engaging with stakeholders or evaluating programs within their own organization. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Optional	Designing and Constructing Instruments for Social Research and Evaluation; Colton and Covert 2007		

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	Proposed Topic	Due/To Prepare for Class
10/19	Module 1 - Introduction to Data; Instruments and Social Inquiry	
10/26	Module 2 - Program Evaluation	
11/2	Module 3 - Measurement and Instrumentation Construction	
11/9	Module 4 - Application; Development of an Instrument	
11/16	Module 5 - Instrument Administration	
11/23	Module 6 - Managing and Reporting Data	
11/30	Module 7/8 - Final Research Project	

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.