LITE 508 Informatics in Education
Spring 2020
3 semester hours
Instructor: Cynthia Houston **Telephone:** 270-745-6501
Email: cynthia.houston@wku.edu (preferred)
BlackBoard Website: http://blackboard.wku.edu

Required Materials:

Required Texts Available Online

Beck, S. E., & Manuel, K. (2008). *Practical research methods for librarians and information professionals*. New York: Neal-Schuman Publishers.

Selfridge, R. (2018). *Databusting for schools: How to use and interpret education data.*
Thousand Oak, CA: Sage.

Course Description/Rationale:

This three-hour course will familiarize students with the informatics approaches in the information services areas of the school library. The course is designed to introduce students to digital citizenship, databases, data analysis and the use of informatics in the educational research process.

This course supports the conceptual framework of the School of Teacher Education. The overriding goals and objectives of the major unit are integrated into the program, course content, and assignments. Performance assessment is manifested through the program requirements and specific course expectations as well as advisement of individual students in a consultative arrangement.

Course Goal:

The student will develop the knowledge and skills required to use the informatics approach including data collection, analysis and presentation to further the information services mission of the school library.

Course Objectives:

Kentucky Framework for Teaching Standards Addressed: 1A,1C,1D, 3C, 4A, 4E
KETS Standards Addressed: 1,2,4,8,9
CAEP/AASL Standards Addressed:1-4
CEBS Dispositions Addressed: A-L
ISTE Standards Addressed: 1C, 2B, 3B

Course Topics:

- Introduction to Informatics in Education
- Informatics, Digital Citizenship, Digital Literacy
- Informatics and Information Inquiry
- Informatics and Database applications
- Database applications in K-12 settings
- Informatics and the Research Process
- Informatics Research Project Choosing a question and method
- Informatics Research Project Literature Review
- Informatics Research Project, Data collections and analysis
- Informatics Research Project, Presenting

Course Requirements and Expectations:

It is expected that students will review all the information on the course requirements and assignments thoroughly before asking questions and communication between students and faculty will be conducted in a professional manner. Internet access and MS. Office are required. Unless otherwise specified, all assignments will be completed using word processing or other productivity software. No hand-written assignments will be accepted.

Disability Accommodations:

In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability. Services in DUC A-200 of the Student Success Center in Downing University Center. Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services

Title IX Policy:

Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding:

WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at (https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf)

Discrimination and Harassment Policy (#0.2040) at https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.

Please note that while you may report an incident of sex/gender based discrimination, harassment

and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and **MUST** report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at 270-745-3159.

Course Evaluation:

% Grade Range- Grade Point Range
A= 90-100
B=80-89.9
C= 70-79.9

LATE ASSIGNMENTS WILL BE ACCEPTED ONLY BY PRIOR ARRANGEMENT WITH THE INSTRUCTOR. The Syllabus is subject to change by instructor before and during the semester. Students will be notified by a course announcement if the syllabus has been changed.