



LITE 508-C70 – Informatics in Education

Summer 2025 Syllabus

July 7 – August 1, 2025

Instructor:

Dr. Jeremy Logsdon
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270.745.2207
GRH 1073B

Class Location: Online

Instructor's Office Hours:

- During summer, by appointment, in person or via Zoom.
- Please email me at any time.

*Note: This document and other class related materials are available on our course site at <https://wku.blackboard.edu>.

Address: Western Kentucky University
1906 College Heights Blvd. #61030
Bowling Green, KY 42101-1030

Prerequisite: Teacher Certification or Instructor Permission

Required Texts:

Thomas, N. P., Crow, S. R., & Henning, J. A. (2020). *Information literacy and information skills instructions: New directions for school libraries*, 4th ed. ABC-CLIO, LLC.

Other readings as provided by professor

Primary Course Website: BlackBoard

Graduate Catalog Description:

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 Objectives:

1. Kentucky Framework for Teaching Standards Addressed: 1A,1C,1D, 3C, 4A, 4E

2. KETS Standards Addressed: 1,2,4,8,9
3. CAEP/AASL Standards Addressed: 1-4
4. CEBS Dispositions Addressed: A-L
5. ISTE Standards Addressed: 1C, 2B, 3B

Course Content Outline:

Students will be evaluated based on their performance in completing assignments such as the following:

- 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 Assignments, Projects, and Evaluation:

This information is tentative and subject to change prior to the start of class.

1. Module Prompt Assignments (325 pts)

- There are five graded Discussion Prompt Responses in this class related to the Modules, as well as one fake news quiz.
- Check Blackboard for the due dates.

2. Data Literacy Module (100 pts)

- Information for completing the assignment is in Module #3.
- Participants learn how to interpret visual information and convert data to appropriate charts and graphs

3. Data Analysis Module (100 pts)

- Information for completing this assignment is in Module #5.
- Participants learn how to enter and analyze data using MS Excel. Students also learn the purpose of data visualization.

4. Mini Research Project (300 pts)

- Information for completing this assignment is in Module #6.
- Participants engage in authentic analysis and presentation of data on an educational topic.
- Participants receive cumulative points based on the quality of their work and adherence to the project due dates.

5. Animation Module (75 pts)

- Information for completing this assignment is in Module #6.
- Participants develop an engaging animation presentation related to their mini research project topic.

6. Anthology and Portfolio Uploads (100 pts)

- Upload Mini Research Project AND Dispositions to Anthology and LITE Portfolio Bb Site

% 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 the semester. No changes will be made during the semester without express agreement from both the instructor and the students impacted.

Class Time Management:

Management of your personal “class time” is one of the most difficult issues for students in an online class. Most face-to-face classes meet three hours a week and students are expected to spend up to six hours per week in class preparation and assignments. Therefore, you can expect to spend up to nine hours per week on any university course whether face-to-face or online. Your mileage may obviously vary, but the main takeaway is this: Please do not wait until the last minute to begin assignments!

Emails to Instructor:

I strive to answer all student emails within 24 hours, regardless of the day of the week. In a short, four-week course like this, I try to be even more timely. If you send me an email and you have not heard from me within 24 hours, it is quite fine to give me a courteous nudge to ask if I received your email. (Email servers are not infallible. I have, on a few occasions, received emails MONTHS after they were sent.)

Suffice it to say, as we are all professionals in this course, I will be courteous and kind in my emails and expect you to do the same.

I have only a few email expectations.

1. Please use a subject. A blank subject line is one of my few pet peeves.
2. Use proper grammar and punctuation. (I’m not going to turn into an English teacher on you; this is more about avoiding text speak.)
3. Sign your emails.

Electronic File Preference:

I do not regularly use a Mac or grade assignments on them, so please avoid sending me *.pages format documents. I prefer PDF or *.docx.

Participation and Communication:

Students in this online course are not expected to attend any class at WKU; however, student class participation is required. You ARE a part of a distributed class, i.e., you and your classmates are spread around the US and even the world! Each time you come to class via Blackboard on the web, please check Announcements for any current or relevant new information. You must discipline yourself to complete assignments on time. It is strongly suggested that the student notify the instructor in advance of a possible absence for two or more days during a condensed course schedule like this one.

Students’ participation grade includes completion of class assignments, reading all assigned materials, turning in assignments on time, maintaining contact with the instructor, use of the Q & A Discussion board, and maintaining a positive professional attitude. Your instructor is happy to make an appointment (either in person, by phone, or Zoom) with any student to help with any assignment or answer any questions. Just send me an email to make an appointment.

Student Disability Services:

In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center located in Downing Student Union, 1074. SARC can be reached by phone number at 270-745-5004 [270-745-3030 TTY] or via email at sarc.connect@wku.edu. Please do not request accommodations directly from the professor or instructor without a faculty notification letter (FNL) from The Student Accessibility Resource Center.

Statement of Diversity:

Western Kentucky University is committed to empowering its campus community to embrace diversity by building equitable and inclusive learning, working, and living environments. At the heart of our mission, we seek to provide holistic education and employment experiences that prepare students, faculty, and staff to become effective scholars, contributors, and leaders in our

diverse and evolving communities. To that end, this classroom is an inclusive space where all participants are welcomed and treated with respect, dignity, and acceptance. Immoral, illegal, or unethical behavior and/or communication will not be tolerated.

Participants in this course may choose to go by the pronoun sets with which they identify and are most comfortable. In addition to pronouns, all students have the right to indicate their preferred first name on TOPNET; this will appear on class rosters. If you did not specify your preferred name on TOPNET, please let me know what name and pronouns I should use for you. Student's chosen names and pronouns will be respected at all times in the classroom.

Plagiarism:

To represent written work taken from another source as one's own is plagiarism. Plagiarism is a serious offense. The academic work of a student must be his/her own. One must give any author credit for source material borrowed from him/her. To lift content directly from a source without giving credit is a flagrant act. To present a borrowed passage without reference to the source after having changed a few words is also plagiarism. Students who commit plagiarism or any other act of academic dishonesty will receive a failing grade for the course and may be subject to dismissal from the program. Student work may be subject to review and checks using plagiarism detection software. For more information about the [Process for Academic Dishonesty](#)

Regular and Substantive Interaction

The U.S. Department of Education requires that distance education courses must include regular and substantive interaction between students and faculty. For more information about Regular and Substantive Interaction at WKU, please visit the [Regular and Substantive Interaction in Online and Distance Learning webpage](#).

In this course, regular and substantive interaction will take place in the following ways:

- Multiple weekly asynchronous sessions with faculty and students,
- Regular announcements, posted at least bi-weekly,
- Standing office Zoom hours, and
- Timely and detailed feedback on assignments provided within three days of submission.

Sexual Misconduct/Assault 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> and

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.*

For further information and support you may choose to go to the Student Accessibility Resource Center: <https://www.wku.edu/sarc/>