

University of Kentucky
School of Information Science (SIS)
LIS 690, Section 201
Electronic Resource Development

Instructor: Dr. Sean Burns
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I usually respond to emails within 24 hours, or the first business day after the weekend or holiday.

Course Description

Electronic resources include all those systems (databases) and works (ebooks, periodicals) that are collected, described, provided, and managed by librarians and information specialists. Electronic resource management is therefore the management of these resources and this course examines the complexities involved with this activity. Topics covered include electronic resource systems, standards, processes and work flows, licenses, negotiations, access, evaluation, and usability.

Student Learning Outcomes

After completion of this course, students will:

1. Acquire familiarity with the technologies and standards used to manage electronic resources.
2. Understand and begin to develop the professional skills needed to manage electronic resources.
3. Gain skills to evaluate and negotiate electronic resource licenses.
4. Appreciate the impact that electronic resources have on end users.

Course Format

This is an online course that requires asynchronous class participation. The Canvas LMS will be used primarily for logistical purposes: making course announcements, submitting assignments, and posting grades. We will use a private Google Plus community for discussions.

Required Texts, Sources, and Technologies

Weir, R. O. (Ed.). (2012). *Managing electronic resources: A LITA guide*. Chicago: ALA Techsource.
ISBN: 978-1-55570-767-5

Additional required readings listed below.

All students are required to sign up and monitor the NASIG email listserv at <http://tinyurl.com/serialst>.

All students are required to have a microphone to record a presentation.

All students are required to set up a UK Google Account at <https://ukam.uky.edu/>.

Course Activities and Assignments

- Seven short papers, 300 words each, 10 points each, on these topics:
 - Software
 - Standards
 - Work flow
 - Acquisitions and Collection Development
 - Licensing and Negotiating
 - Usability
 - Usage Evaluation
- Presentation, video, topic of choice, 10 minutes, 20 points
- Discussion/Participation, 10 points

Summary Description of Course Assignments

Short papers – students will write concise, highly edited papers that focus on a singular aspect of the topic. Papers should be based on at least one additional reading (not already listed in the syllabus). The purpose of these papers is for students to additional inquiry and coverage of the topic. Papers will be evaluated based on critical analysis, coverage, outside literature, length, and writing.

Presentation – students will create a video presentation using Zoom on an electronic resource management topic of their choice. Presentations will include slides and will be evaluated on content, length, and speaking skills.

Discussion/Participation – students will participate in discussions in an online, private community on Google Plus. Discussions will be based on weekly topics, readings, and lectures. Discussions will be evaluated based on the quality of posts and replies to posts. Discussion posts and replies will not be graded individually; rather, students will submit two short reports, mid-semester and end of semester, that describe, qualitatively and quantitatively, their participation activity during the semester. Students will also self-score their contributions to the discussions.

Submission of Assignments

All short papers and discussion/participation reports must be written in and submitted as Google Docs by the due date. Presentation videos must be created using Zoom and submitted as a private YouTube video.

Work submitted after the due date will be marked off 10% each day late and not accepted after the third day after the due date. Work will not be marked late if the student has an excused absence (see Attendance Policy below).

Course Grading

- 93 – 100: A (Exceptional achievement)
- 80 – 92: B (Good to excellent achievement)
- 70 – 79: C (Marginal work)
- <70: E (Failing work)

Tentative Course Schedule

Assignment	Due Date
Software, Paper	9/3
Standards, Paper	9/24
Work flow, Paper	10/1
Acquisitions and Collection Development, Paper	10/8
Mid-term Discussion Report	10/16
Licensing and Negotiating, Paper	10/22
Usability, Paper	11/5
Usage Evaluation, Paper	11/12
Final Discussion Report	12/8
Presentation, Video	12/11

Reading List & Schedule

Week 1: ERM & ILS, 8/23 – 8/29

- Chapter 1: Learning the Basics of Electronic Resource Management
- Wilson, K. (2011). Beyond library software: New Tools for electronic resources management. *Serials Review*, 37, 294-304. doi:10.1016/j.serrev.2011.09.010
- Wang, Y., & Dawes T. A. (2012). The next generation integrated library system: A promise fulfilled. *Information Technology and Libraries*, 31(3), 76-84. <https://doi.org/10.6017/ital.v31i3.1914>
- Anderson, E. K. (2014). Electronic resource management systems and related products. *Library Technology Reports*, 50(3). <https://journals.ala.org/index.php/ltr/article/view/4491/5255>

Week 2: The Market and the Economics, 8/30 – 9/5

- Chapter 2: Coping with Economic Issues and a Paradigm Shift in Collections
- Sanchez, J. (2015). E-content in libraries: Marketplace perspectives. *Library Technology Reports*, 51(8), 9-15. <https://journals.ala.org/index.php/ltr/article/view/5833/7344>

Week 3: Standardizing ERM, 9/6 – 9/12

- Harris, P. (2006). Library-vendor relations in the world of information standards. *Journal of Library Administration*, 44(3-4), 127-136. doi:10.1300/J111v44n03_11
- Emery, J., & Stone, G. (2013, February). Techniques in electronic resource management (TERMS). *Library Technology Reports*, 49(2), chapters 1-8. <http://dx.doi.org/10.5860/ltr.49n2>
- Rinck, E. M. (2017). Coming to TERMS with electronic resource management: An interview with Jill Emery, Graham Stone, and Peter McCracken. *Serials Review*, 43, 51-54. doi:10.1080/00987913.2017.1281871
- Announcing TERMS ver2.0. TERMS: Techniques for Electronic Resource Management. <https://library.hud.ac.uk/blogs/terms/announcing-terms-ver2-0/>

Week 4: Interoperability, 9/13 – 9/19

- Kasproski, R. (2012). NISO's IOTA Initiative: Measuring the quality of OpenURL Links. *The Serials Librarian*, 62, 95-102. doi:10.1080/0361526X.2012.652480
- Chisare, C., Fagan, J. C., Gaines, D., & Trocchia, M. (2017). Selecting link resolver and knowledge base software: Implications of interoperability. *Journal of Electronic Resources Librarianship*, 29, 93-106. doi:10.1080/1941126X.2017.1304765

Week 5: The Process, 9/20 – 9/26

- Anderson, E. K. (2014). Elements of electronic resource management. *Library Technology Reports*, 50(3). <https://journals.ala.org/index.php/ltr/article/view/4492/5257>
- Anderson, E. K. (2014). Workflow analysis. *Library Technology Reports*, 50(3). <https://journals.ala.org/index.php/ltr/article/view/4493/5259>

Week 6: Acquisitions and Collection Development, 9/27 – 10/3

- Chapter 3: Acquiring Electronic Resources
- Martin, H., Robles-Smith, K., Garrison, J., & Way, D. (2009). Methods and strategies for creating a culture of collections assessment at comprehensive universities. *Journal of Electronic Resources Librarianship*, 21(3-4), 213-236. doi:10.1080/19411260903466269
- Lamothe, A. R. (2015). Comparing usage between dynamic and static e-reference collections. *Collection Building*, 34(3), 78-88. doi:10.1108/CB-04-2015-0006

- England, L., Foge, M., Harding, J., & Miller, S. (2017). ERM ideas and innovations. *Journal of Electronic Resources Management*, 29(2), 110-116. doi:10.1080/1941126X.2017.1304767

Week 7: Licensing Basics, 10/4 – 10/10

- Chapter 4: Licensing Electronic Resources and Contract Negotiations
- SERU: A Shared Electronic Resource Understanding, NISO, http://www.niso.org/publications/rp/RP-7-2012_SERU.pdf
- North American Serials Interest Group. (2013). NASIG core competencies for electronic resources librarians. http://www.nasig.org/site_page.cfm?pk_association_webpage_menu=310&pk_association_webpage=7802
- Regan, S. (2015). Lassoing the licensing beast: How electronic resources librarians can build competency and advocate for wrangling electronic content licensing. *The Serials Librarian*, 68(1-4), 318-324. doi:10.1080/0361526X.2015.1026225

Week 8: Licensing and Negotiating, 10/11 – 10/17

- National Network of Libraries. Licensing electronic resources and licensing classes. <https://nmlm.gov/mcr/members/resource-sharing-and-document-delivery/licensing-electronic-resources-and-licensing>
- Smith, J., & Hartnett, E. (2015). The licensing lifecycle: From negotiation to compliance. *The Serials Librarian*, 68(1-4), 205-214. doi:10.1080/0361526X.2015.1017707
- Dunie, M. (2015). Negotiating with content vendors: An art or a science? *Library Technology Reports*, 51(8). <https://journals.ala.org/index.php/ltr/article/view/5834/7346>
- Dygert, C., & Barrett, H. (2016). Building your licensing and negotiation skills toolkit. *The Serials Librarian*, 70(1-4). doi:10.1080/0361526X.2016.1157008
- Garofalo, D. A. (2017). Tips from the trenches. *Journal of Electronic Resources Librarianship*, 29(2), 107-109. doi:10.1080/1941126X.2017.1304766

Week 9: Access, 10/18 – 10/24

- Chapter 5: Making Electronic Resources Available
- Samples, J., & Healy, C. (2014). Making it look easy: Maintaining the magic of access. *Serials Review*, 40, 105-117. doi:10.1080/00987913.2014.929483
- Buhler, A., & Cataldo, T. (2016). Identifying e-resources: An exploratory study of university students. *Library Resources & Technical Services*, 60, 22-37. doi:10.5860/lrts.60n1.23

Week 10: User Experience, 10/25 – 10/31

- Pennington, B. (2015). ERM UX: Electronic resources management and the user experience. *Serials Review*, 41, 194-198. doi:10.1080/00987913.2015.1069527
- Chapman, S., Fry, A., Deschenes, A., McDonald, C. G. (2016). Strategies to improve the user experience. *Serials Review*, 42(1), 47-58. doi:10.1080/00987913.2016.1140614

Week 11: Evaluation and Statistics, 11/1 – 11/7

- Chapter 6: Gathering, Evaluating, and Communicating Statistical Usage Information for Electronic Resources
- Stone, G., & Ramsden, B. (2013). Library impact data project: Looking for the link between library usage and student attainment. *College & Research Libraries*, 74(6). <http://doi.org/10.5860/crl12-406>
- Zou, Q. (2015). A novel open source approach to monitor Ezproxy Users' activities. *code4lib Journal*, 29. <http://journal.code4lib.org/articles/10589>

Week 12: Security and Privacy, 11/8 – 11/14

- Breeding, M. (2016). Issues and technologies related to privacy and security. *Library Technology Reports*, 52(4), 5-12. <http://dx.doi.org/10.5860/ltr.52n4>
- Breeding, M. (2016). The current state of privacy and security of automation and discovery products. *Library Technology Reports*, 52(4), 13-28. <http://dx.doi.org/10.5860/ltr.52n4>
- Breeding, M. (2016). Data from library implementations. *Library Technology Reports*, 52(4), 29-35. <http://dx.doi.org/10.5860/ltr.52n4>

Week 13: The ERM Librarian, 11/15 – 11/21

- Chapter 7: Staffing Changes to Facilitate the Shift to Electronic Resources
- Hulseburg, A. (2016). Technical communicator: A new model for the electronic resources librarian. *Journal of Electronic Resources Librarianship*, 28(2), 84-92. doi:10.1080/1941126X.2016.1164555
- Zhu, X. (2016). Driven adaptation: A grounded theory study of licensing electronic resources. *Library & Information Science Research*, 38(1), 69-80. doi:10.1016/j.lisr.2016.02.002

Week 14: Desperately Seeking an ERM Librarian, 11/26 – 12/2

- Murdock, D. (2010). Relevance of electronic resource management systems to hiring practices for electronic resources personnel. *Library Collections, Acquisitions, and Technical Services*, 34(1), 25-42. doi:10.1016/j.lcats.2009.11.001
- Hartnett, E. (2014). NASIG's core competencies for electronic resources librarians revisited: An analysis of job advertisement trends, 2000-2012. *The Journal of Academic Librarianship*, 40(3-4), 247-258. doi:10.1016/j.acalib.2014.03.013

Week 15: Future Challenges, 12/3 – 12/8

- Chapter 8: Looking Ahead from Now to 2020

Course Policies

Attendance Policy

Since this is an online, asynchronous class, students are free to participate based on their schedules. Assignments may be accepted late, without penalty, if the student has an excused absence. Students must provide official written documentation for excused absences. See Course Policies section below for details about excused absences.

Excused Absences

Students need to notify the professor of absences prior to class when possible. Senate Rules 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud: 859-257-3737, http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php.

Per Senate Rule 5.2.4.2, students missing any graded work due to an excused absence are responsible: for informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

Verification of Absences

Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness, or death in the family. Appropriate notification of absences due to University-related trips is required prior to the absence when feasible and in no case more than one week after the absence.

Course Withdrawal

Students are strongly encouraged to withdraw from the class if more than 20% of the scheduled work and activities are missed (excused or unexcused), per university policy. Please refer to the Academic Calendar for important withdrawal dates: <http://www.uky.edu/registrar/content/academic-calendar>.

Academic Integrity

Per University policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the University may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Senate Rules 6.3.1 (see <http://www.uky.edu/Faculty/Senate/> for the current set of Senate Rules) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording, or content from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work (including, but not limited to a published article, a book, a website, computer code, or a paper from a friend) without clear attribution. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work, which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content, and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas, which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at drc@uky.edu. Their web address is <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/>.

Policies concerning academic integrity, excused absences and academic accommodations due to disability are available online at: <https://ci.uky.edu/sis/sites/default/files/policies.pdf>

Technology Information & Resources

Distance Learning Students are expected to have a minimum level of technological acumen and the availability of technological resources. Students must have regular access a computer with a reliable Internet connection and audio and audio recording capabilities. Please use a modern, up to date web browser for accessing course content and participating in course activities.

PDF readers, Microsoft Office, and other software products are free for students at <http://download.uky.edu/>. Information on Zoom is available at <https://www.uky.edu/its/academic-technologies-faculty-engagement/zoom>.

As your instructor, I am your first go-to person for technology problems. If you need more immediate assistance, please contact UK ITS: <https://www.uky.edu/its/> or 859-218-4357.

The School of Information Science has a page with a comprehensive list of technology resources here: <http://ci.uky.edu/sis/students/techtips>

Library Services & Distance Learning Services

- <http://www.uky.edu/Libraries/DLLS>
- Carla Cantagallo, DL Librarian
- Phone number: 859-218-1240
- Email: carla@uky.edu
- Interlibrary Loan Service: <http://libraries.uky.edu/ILL>

For more resources about online classes and student resources, visit <http://www.uky.edu/ukonline/>

Military Members and Veterans

We recognize the complexities of being a member of the military community and also a student. If you are a member of the military or a military veteran or dependent, please inform your instructor if you are in need of special accommodations. Drill schedules, calls to active duty, mandatory training exercises, complications with GI Bill disbursement, and other unforeseen military and veteran related developments can complicate your academic life. If you are aware of a complication, we will work with you and put you in contact with university staff members who are trained to assist you. Please contact the Coordinator of the University of Kentucky Veterans Resource Center at (859) 257-1148 for additional assistance. Visit <http://www.uky.edu/veteransfor> for more available resources.

Civility and Professionalism

Students must learn to meet the standards of professional behavior and treat each other with respect. Critical inquiry is important, but attacking other persons, verbally or otherwise, is not accepted.

Students must learn to receive and act on constructive criticism, be reliable and responsible, polite and respectable of others, and focus on producing above quality work.