INF 392F Spring 2018 Unique # 27430
Instructor: Karen L. Pavelka
Class location: UTA 1.506B
Date and time: Thursday 9:00 - 11:45

Instructor Information
Email: pavelka@utexas.edu
Office: UTA 5.422 phone: 512-471-8286 (Never here, phone checked sporadically.)
Lab: UTA 1.506B phone: 512-471-8269 (Most likely to be here.)
Office hours: Held in lab; will be announced and posted on lab doors.

Course description: Assessing risks in cultural heritage collections with an emphasis on library and archival collections; developing strategies to manage risks; learning practical techniques to reduce risk.

Learning objectives
Students will learn to:
• Assess risks within collections
• Compare the relative probability and magnitude of various risks
• Select and apply mitigation strategies
• Evaluate the effectiveness of mitigation strategies
• Identify the difference between symbolic and useful plans

Academic Integrity
The University of Texas policies on academic integrity can be found at http://deanofstudents.utexas.edu/sjs/acint_student.php
If you have not read the section on plagiarism recently, it is worth a review. Plagiarism and academic dishonesty will not be tolerated.

Students with disabilities
Students with disabilities may request appropriate academic accommodations from the Division of Diversity and Community Engagement, Services ofr Students with Disabilities, 512-471-6259.

Assignment guidelines
• Assignments are due at midnight on the due date. Unless otherwise instructed, please submit assignments on Canvas. All assignments must be submitted as a Word doc and the document should be titled as follows: studentlastname_assignmentname
• Unless prior arrangements have been approved by the instructor, late assignments will be penalized by lowering the earned grade one level for each day it is late.
• If the assignment directions are not clear, or if you are having a problem with an assignment, please let me know as early as possible.
All writing exercises:
- Should have a bibliography.
- Should be well written.
- Should be reviewed by a peer before being turned in.

Class attendance and participation
- Students are expected to attend all classes. If you need to miss a class, if possible let me know before class begins.
- All readings should be done before the class meets.
- Class participation is 20% of your grade and is measured by contributions to discussions, enthusiastic participation in class exercises, and anything the student can bring to make the class a richer experience for everyone.
- If you are having trouble participating in class, please come and talk to me. We may be able to find strategies to help you.

Grade points will be distributed as follows:
- Attendance and participation 20 points
- T&RH exercise 15 points
- Threats exercise 15 points
- IPM exercise 15 points
- Security exercise 5 points
- Climate debate debate 25 points
- Quizzes 5 points

Suggested texts
Please do not purchase the texts before the class meets. We will be taking a somewhat different approach to the readings and not everyone will be reading the same text. Students will be asked to contribute to the reading list.


Guidelines-Ver.-10.0.pdf


nableClimateControlandLightinginMuseumsandGalleries.pdf


**Miller, M. S.** (2002). *Protecting museum exhibits from their environments (and vice versa).* Seaford, DE: NoUVIR.


Schedule

January 18, Week 1
Introduction: Course objectives

Readings


January 25, Week 2
Risk analysis

Readings


Cloonan, M. V. pp. 29-38; 66-69.

Harvey, R., & Mahard, M. R. pp. 31-58.


Padfield, T., & Borchersen, K. pp. 107-114; 115-121.

Person-Harm, A., & Cooper, J. pp. 77-125; 199-217.


February 1, Week 3
Agents of deterioration: Background and use

Readings
AIC. C2CC. Become familiar with site.

- Physical forces
- Thieves and vandalism
- Fire
- Water
- Pests
- Pollutants
- Light, UV and IR
- Incorrect T
- Incorrect RH
- Dissociation

Person-Harm, A., & Cooper, J. pp. 1-11; 43-75.
Williams, E. pp. 149-155; 257-261.

February 8, Week 4
Temperature and relative humidity

Readings
Boersma, F., Brokerhof, A., van den Berg, S., & Tegelaers, J. pp. 31-45.
Harvey, R., & Mahard, M. R. pp. 85-105.
Padfield, T., & Borchersen, K. pp. 11-17.
Person-Harm, A., & Cooper, J. pp. 13-42.

February 15, Week 5
Storage and housing
Pollutants and dust

Readings


Padfield, T., & Borchersen, K. pp. 63-65; 67-72; 135-144; 229-235; 237-243.

February 22, Week 6
Understanding and implementing microclimates

Readings
Padfield, T., & Borchersen, K. pp. 27-35; 191-198; 199-206; 253-260; 261-266.

March 1, Week 7
Guest speaker: Joe Reyes

Readings
Harvey, R., & Mahard, M. R. pp. 147-181; 183-222; 223-253; 255-291; 317-325; 327-341.
The University of Texas at Austin. (2017). The energy portal. Retrieved October 27 from https://energyportal.utilities.utexas.edu

March 8, Week 8
Integrated pest management

Readings
Padfield, T., & Borchersen, K. pp. 57-60.
March 15, SPRING BREAK, SXSW

March 22, Week 9
Lighting

Readings
Appelbaum, B. pp. 65-95.
Padfield, T., & Borchersen, K. pp. 51-56.

March 29, Week 10
Security, transport and events
Exhibits

Readings
Williams, E. 57-65; 66-75. Kate & Chris

April 5, Week 11
Environmental standards debate

Readings


Person-Harm, A., & Cooper, J. pp. 151-197.


April 12, Week 12
Defining preventive conservation
Outreach, Setting agendas

Readings
Padfield, T., & Borchersen, K. pp. 123-128.
Williams, E. pp. 33-36; 37-44; 121-130; 205-211; 212-221; 232-243.

April 19, Week 13
Disaster recovery

Readings

April 26, Week 14
Mold prevention and removal
Assess recovered materials

Readings
Padfield, T., & Borchersen, K. pp. 185-189.

May 3, Week 15
Review