

Risk and Reward in the Information Society
Winter 2021 • CS280-001

Lectures: Zoom, Tuesdays and Thursdays, 11:30-12:45
January 12 – April 15, inclusive

Instructor: Daryl H. Hepting

Office: Zoom

Hours: <http://www2.cs.uregina.ca/~hepting/teaching/schedule/>

Telephone: 306-585-5210

Websites:

- <https://urcourses.uregina.ca/course/view.php?id=1458>
- <http://www2.cs.uregina.ca/~hepting/teaching/CS-280/202110/>

Final Exam: Tuesday, April 20, 2021 14:00-17:00

Calendar Description:

Social context of computing. Case study: human-computer interfaces and their evaluation. Methods and tools of analysis. Professional and ethical responsibilities. Risks and liabilities of computer-based systems. Intellectual property, privacy and civil liberties. Professional communication. Sustainability. Cybercrime.

Reference:

Blown to Bits: Your Life, Liberty, and Happiness After the Digital Explosion, by Hal Abelson, Ken Ledeen, and Harry Lewis, Addison-Wesley, 2008 (online at <http://www.bitsbook.com/>)

Expectations:

Technology provides many benefits to enjoy, but there are also risks. This course is an introduction to life in this digital world. At the conclusion of this course, you are expected to understand these risks and rewards, and the trade-offs involved. Attendance and participation in all aspects of the course are encouraged. Your attendance will indicate your agreement to be involved and to encourage the involvement of everyone in the class.

Evaluation:

| | |
|---------------------------|--|
| Individual Assignments: | 35. % |
| Project: | 25. % |
| Engagement with Meetings: | 10. % |
| Final Exam: | 25. % (<i>must</i> pass final to pass course) |
| Participation: | 5. % |
| Instructor Discretion: | +/- 5. % |
| Research Credit: | up to 2. % (bonus) |
| Total: | 100. % |