

Northeastern Illinois University

CS 100: Computers and Society

Spring 2014

Instructor: Rachel Adler

Email: R-Adler@neiu.edu

Course Website: <http://cs.neiu.edu/~radler/cs100>

Meeting Time: Thursdays 1:40-2:55 pm, Room: LWH 2054

Office Hours: Tuesdays 12:15 – 3:00 and Thursdays 12:15 – 1:30 or by appointment.

Office: LWH 3047

Please note that this is a hybrid course and will only meet once a week on Thursdays.

Course Description:

Introduction to the use of technology, especially with regard to communication, creativity, and the presentation and analysis of information. The use of technology in a variety of disciplines will be studied. Assignments include laboratory work, online coursework, social media assignments, and a group presentation.

Required Textbook: None. Readings will be accessible through Desire2Learn.

List of Topics: Readings will be assigned for each topic covered in the course.

- Computer Hardware and Software
 - Central Processing Unit, Input/Output devices
 - Programming languages, Basics of operating systems
- Personal Computer Software
 - Spreadsheet, Word processor, Database, Graphics, PowerPoint
- Networks and Communication
 - LANs / WANs
 - Internet / Intranet
 - Asynchronous vs. Synchronous communication
- World Wide Web
 - Search Engines
 - Webpage Development
 - HTML, Microsoft Expression Web
 - The Cloud
- Social Media
 - Blogs, Wikis, Virtual Worlds, Social Networking Sites
- Artificial Intelligence and Robotics
- Security and Privacy
- Legal and Ethical issues
 - Copyright vs. Open Access
- Cyberbullying
- Internet and Hate Groups
- Emerging Technologies

Grading:

Virtual Discussions (Discussion Board/Blog) – 20%

Laboratory Assignments/Homeworks – 20%

Exam 1 – 20%

Exam 2 – 20%

Final Project – 20%

90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F

No late homework assignments will be accepted!

Virtual Discussion Requirements:

Each week you will have virtual discussions due. Please login to Desire2Learn for a list of assignments and due dates. This course will have “virtual” conversations, such as blog posts and/or Desire2Learn discussions for each topic covered. In addition to your posts you will be required to comment on your classmates’ posts.

Academic Integrity:

All assignments must be the student’s own work. If you copy homework, you and the student whose homework you copied will receive a zero. If you are caught copying another student’s exam, or allowing someone to copy your exam, you will fail the exam and face further academic discipline.

Absence Policy:

Students are expected to attend all scheduled classes.

Accessibility Center:

In compliance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973, Northeastern Illinois University does not discriminate against persons on the basis of disability. In addition, Northeastern provides reasonable accommodations for persons with disabilities. Students seeking reasonable accommodations in the classroom should contact Student Disability Services (D-104).

Web Link to Emergency Information: It is recognized that a safe university environment is a shared responsibility of faculty, staff, and students, all of whom are expected to familiarize themselves with and cooperate with emergency procedures. Web links to Campus Safety: Emergency Procedures and Safety Information can be found on NEIUport on the MyNEIU tab or as follows: For the Main campus:
http://www.neiu.edu/~neiutemp/Emergency_Procedures/MainCampus