



HTI 320-01 – Human Information Processing

4 credits

2:00 pm– 3:50 pm F Location: SCI A224

Instructor: Susan Weinschenk, PhD

Office: B243, Science Building

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Phone: 847-909-5946

Office Hours: By appointment

Course Description

In this course we will learn about how people process information. The course combines cognitive psychology, behavioral science, neuroscience, and user experience. The emphasis is on foundational research, recent research, and application to the design of interfaces. Here are some examples of what we are covering:

- Vision, hearing, perception and the brain
- How people make decisions
- Social communities
- Human motivation
- Cognition and memory

Objectives

By the end of this semester, you will be able to:

- Describe the foundational research and recent research for each of five major areas listed above.
- Evaluate an existing product (website, app, software, service) for human information processing issues and recommend changes to improve the human information processing
- Build in best practices for human information processing to products and services built from scratch
- Be able to read, interpret and summarize research reports.
- Teach what you learn to others.

Required Text and Material Purchase

There is no textbook for this course. Instead students will use primary and secondary sources.

Assignments

Assignments will be announced in class and posted on D2L. If you miss class, it is your responsibility to check D2L for any homework assignments and supporting material which may have been given out during class.

In-class assignments may not be made up, or turned in after the end of class.

Grading

1000 total possible points:

- 100 points for Attendance AND Participation
- 200 points for the Final Exam
- 200 points for in-class and homework graded activities
- 200 points for quizzes
- 300 points for the Case Study final presentation

LATE ASSIGNMENTS -- If your assignments are handed in late you will lose 20% of the available points for every 24 hours you are late.

ATTENDANCE AND PARTICIPATION -- Students are expected to attend class. If you miss a class it is your responsibility to contact classmates to get information you missed. Points are given for physically being present, as well as for positive, helpful class participation:

- 0 to 32 points for being physically present
- 33 to 70 points for being physically present and listening and participating in activities
- 71 to 100 points for being physically present, listening, participating in activities, and asking and/or answering questions

Examination and quizzes are during lecture time. Contact the professor via e-mail (sweinsch@uwsp.edu) or phone (847-909-5946) to learn how to make up a missed

exam or quiz. The final examination is a comprehensive exam. If you contact the professor, ahead of time, the professor reserves the right to make arrangements for alternate exam test taking.

Graded Activities

There will be in-class and/or homework activities where you will apply what you have learned to evaluate and re-design an existing product.

Case Study

You will be assigned to a team and to a case study project.

Grading Scale

A	= 94-100% of all possible points
A-	= 90-93.99%
B+	= 87-89.99%
B	= 84-86.99%
B-	= 81-83.99%
C+	= 78-80.99%
C	= 75-77.99%
C-	= 72-74.99%
D	= 69-71.99%
F	= <69%

Final Exam

The final exam is scheduled for Monday, May 14 from 10:15 to 12:15, however the instructor may opt to have the final exam on the last day of class instead.

The Role of the Professor

Professor Weinschenk will facilitate student research, projects and reports, and provide coaching and mentoring on class projects. It is Professor Weinschenk's goal that everyone in class will succeed.

The Role of the Student

As a student in this class, you are expected to be an active learner:

- You are encouraged to try new things, make mistakes, and need help. Your professor will help you get back on track if needed.
- You are expected to do participate fully and do quality work on your topic reports and presentations.
- You are strongly encouraged to ask as many questions as you need to.
- You are expected to take notes as needed so that you remember information.

Student Academic Standards and Disciplinary Procedures

UWSP has specific guidelines regarding student rights and responsibilities in class and on campus explained at

<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

Disability Services

For information on **accommodations** available to students with disabilities, visit the Office of Disability Services in room 609 Learning Resource Center (715-346-3365) or their website:

<http://www.uwsp.edu/special/disability/>. Information can also be found at:

<http://www.uwsp.edu/admin/stuaffairs/rights/rightsADAPolicyInfo.pdf>

Academic Standards

The University of Wisconsin – Stevens Point is an academic community of individuals committed to the pursuit of learning, the acquisition of knowledge, and the education of all who seek it. This course expects that all work turned in for a grade is your own, or that of your group. A description of your rights and responsibilities as a member of the UWSP community can be found at:

<http://www.uwsp.edu/dos/Pages/Information%20for%20Students.aspx>

Student Academic Standards and Disciplinary Procedures (UWS/UWSP Chapter 14) is available at

<http://www.uwsp.edu/dos/Documents/Community%20Rights%20and%20Responsibilities.pdf#page=8>

In an Emergency

In the event of a medical emergency, call 911 or use red emergency phone located to the right of the pendulum in the 2nd floor hallway of the Science Building. Offer assistance if trained and willing to do so. Guide emergency responders to victim.

In the event of a tornado warning, proceed to the lowest level interior room without window exposure on the first floor lavatory in the Science Building. If time or space do not allow, go to A224 or A225 Science Building or remain in the hallways around those classrooms. See <http://www.uwsp.edu/rmgt/Pages/em/procedures/other/floor-plans.aspx> for floor plans showing severe weather shelters on campus. Avoid wide-span rooms and buildings.

In the event of a fire alarm, evacuate the building in a calm manner. Meet at the far end of Lot X where the driveway enters Lot X. Notify instructor or emergency command personnel of any missing individuals.

Active Shooter – Run/Escape, Hide, Fight. If trapped hide, lock doors, turn off lights, spread out and remain quiet. Follow instructions of emergency responders.

Watch the Active Shooter video at:

<https://campus.uwsp.edu/sites/rmgt/campus/SitePages/Shots%20Fired%20-%20Lightning%20Strikes.aspx>

Watch the Preventing Violence video at:

<https://campus.uwsp.edu/sites/rmgt/campus/SitePages/Flashpoint%20on%20Campus.aspx>

See UW-Stevens Point Emergency Management Plan at www.uwsp.edu/rmgt for details on all emergency response at UW-Stevens Point.

