

**Instructor:**

Dr. John Zelle  
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**Class Meetings:** TH 1:00–2:40, SC 345

**Class Web Page:** <http://mcsp.wartburg.edu/zelle/cs460>

**Office Hours:** M–F: 8:30, and by appointment.

**Course Description:**

The goal of this class is for students to apply and develop their CS knowledge and skills by solving a real-world computing problem of their own choosing. Students, under the supervision of the instructor and a project supervisor (client), will select, design, and implement a computer hardware/software system. Projects should be selected with the expectation the student will average 8-12 hours of work on the project in each of the 13 weeks of the term. Larger projects may be done in teams. Students will be expected to supply weekly progress reports including a log of project related activity.

**Deliverables:**

Due Date	Product	Weight
1/16	Project Overview	5%
1/24	Requirements/Plan	10%
2/18, 2/20	Mid-Project Presentation/Prototype	10%
4/15	Final Presentation	10%
4/3, 4/10	Poster/Poster Session	20%
4/15	Final Deliverables	30%
4/15	Project Reflection	10%
Weekly	Progress Reports (individual meetings)	5%

**Grading Scale:**

Grades are assigned based on the (weighted) percentage of total points.

Score	Grade
90–100	A
80–89.5	B
70–79.5	C
60–69.5	D
< 60	oops

I may move the exact boundaries, but they will not be raised. Anyone with 90% of total points will receive some flavor of “A.” Pluses and minuses will be used to smooth grade boundaries.

**Class Meeting Dates:**

We will meet as a class on the following dates: 1/7, 1/16, 2/18, 2/20, 4/3, 4/15. Depending on the number of projects, we may also meet on 2/19 and 4/11. Other weeks of the semester, each student/group will meet with me in a regularly scheduled 30 minute meeting. All students are also required to participate in the senior poster session (4/10, RICE Day) 6:30–9:00 p.m. (tentative).

**Intermediate Evaluation:**

You may want to submit drafts of documents or presentations to get my feedback. You can do this by submitting them at least 4 (class) days before an assignment is due. I will endeavor to give you a 2 to 3 day turnaround so that you can incorporate my suggestions prior to the assignment due date. You may also schedule a special meeting with me to discuss a document or presentation.