

New Course: Digital Arts and Sciences Senior Project 1 CIS 4XXX, Credits: 3
Prerequisite: Senior EG-DAS standing and approved project idea
Instructor: Kristian Linn Damkjer, <http://www.cise.ufl.edu/~kdamkjer/>

Justification for Course:

This course is the first in a sequence that serves as the capstone experience for students in the Computer Engineering Digital Arts and Sciences degree program. In these courses the students will synthesize much of what they have learned in their other CISE, FA, and DAS courses by creating and completing a two-semester-long project.

Catalog Course Description:

The first part of a two-course sequence in which engineering students complete a significant DAS-related project. Working closely with a project advisor and a faculty coordinator, students gain practical experience developing a full-fledged project from conception through post-mortem. This part of the sequence focuses on project planning, prototyping, and preproduction. Students will be required to produce technical documentation and deliver oral presentations as part of the design process.

Prerequisites: Senior EG-DAS standing and approved project idea.

Goal of Course:

To give students the experience of designing and building a significant product comprised of a synergy of art and computer science in a primarily self-directed environment.

Course Content Overview:

Regular bi-weekly meetings with the faculty coordinator to monitor student progress and provide feedback and direction as necessary

Student presentations outlining project motivation, design and development progress

Recommended Texts:

1. *Chicago Manual of Style 15/e*, University of Chicago Press, 2003, ISBN: 0226104036
2. Markel, M., *Technical Communication 7/e*, Bedford/St. Martin's, 2003, ISBN: 0312403380
3. Gurak, L. J., *Oral Presentations for Technical Communication*, Longman, 1999, ISBN: 0205294154

Required Software:

Students will select their own software as dictated by design issues.

Attendance Policy:

Students are required to attend bi-weekly meetings with the faculty coordinator as well as all oral presentations.

Makeup Policy:

In general there are no late submissions or make-ups permitted except in the following circumstances: religious holidays, student illness or medical impairment, absence subject to the twelve-day rule, examination conflicts, or legal impairment. In these circumstances the student should notify the instructor as soon as they are aware of a potential exam or deadline conflict so that an alternative may be established.

Grading:

1. Meeting/Presentation Attendance	5%
2. Informal Project Proposal	5%
3. Formal Project Proposal.....	10%
4. System Requirements Specification	20%
5. Project Design Document/Project Prototypes.....	25%
6. Proposal Presentation.....	15%
7. Project Plan Presentation	20%

Lecture Topics:

Not applicable for this course.