Instructor: Delroy A. Brinkerhoff
Office Hours: By Appointment
Office Location: TE 110B
Phone: 626-7345
Web Page: http://icarus.weber.edu/home/dab/ (please see “Projects and Co-Op” under the “Classes” section)
E-Mail: dbrinkerhoff@weber.edu (Word and WordPerfect attachments are accepted at this address)

Time and Room: N/A (There is no formal meetings of this class.)

Prerequisites: Approval by instructor. CS 1220 for CS 2800 and CS 3200 for CS 4800

Course Description: An approved individual project, program, system, or research by a senior CS major only. 1-4 CH.

Purpose Of Course: To provide senior CS majors with the opportunity of suggesting and performing some worthwhile activity which will advance their computer science skills in an area of their choice.

Instructor Approval: After determining what he or she desires to do, the student must prepare a formal written proposal of his or her project or research as outlined below, and submit it to the current CS 2800/4800 instructor. The instructor will evaluate the proposal and in conjunction with the students decide upon the appropriate credit.

Formal Proposal: The proposal should consist of the following:
1. Demographic data: the student’s name, address, telephone number, e-mail address, major emphasis and minor (if applicable), Weber State student number, class (i.e., 2800 or 4800) and number of credit hours.
2. Project description: what does the student intended to do.
3. Justification: white is the student want to do what is proposed and what rationale can be given for quiet about to be done.
4. Method: how does the student propose to accomplish the task, and how long will it take.
5. Resources: what help, equipment, etc., will student required to accomplish the task.
6. Evaluation: how is the student’s effort to be evaluated and graded. What products can be expected from the project.

Evaluation Criteria: The proposal will be evaluated against the following criteria
1. Is a clear what the student proposes to do
2. Is the project a reasonable CS activity. Can the project reasonably meet the expected needs and rationale of the student.
3. Can the project be completed in the time estimated by the student.
4. Is the method proposed adequate to the accomplishment of the project.
5. What resources are available to assist a student.
6. Can the student’s progress be adequately monitored evaluated.
7. Is the requested credit appropriate to the task.
8. What suggestions can the faculty make that might be helpful to the student.

Implementation: After receiving initial approval and signing up for the appropriate class, the student will prepare and submit the formal proposal (may just rewrite the initial proposal, making sure all of the above are included), submit the progress reports as defined below while implementing the approved project, and schedule a final project demonstration or submit the final report as appropriate. Note: the student is responsible for making the appointment with the instructor for the final report/demo.

Due Dates: The following should be word processed and may be mailed, e-mailed, faxed, or hand delivered
Formal Proposal May 24
Progress Report 1 June 7
Progress Report 2 June 28
Progress Report 3 July 19
Final Report / Demo Aug 2 - 6