

CS390 Syllabus and Course Summary

Instructor: Richard Johnson Email: richj@hiwaay.net Phone: 963-7168 (work) Web Page: http://www.annrich.com/cs390	Class Time: TT 5:30 – 06:50 P.M. Location: TH N306 Office Location: TH N336 Office Hours: TT 06:50 – 07:50 P.M.
Text: <i>UNIX Shells by Example: Fourth Edition</i> , Ellie Quigley, 2004. References: <i>Sed & Awk (2nd Edition)</i> Dougherty and Robbins, 1997. <i>A Practical Guide to Red Hat Linux (2nd Edition)</i> Mark G. Sobell, 2004.	Grade Policy Homework20% 1 st Midterm20% 2 nd Midterm25% Final Exam35%

The following grading scale will be used in this course:

A+ 95; A 92; A- 90; B+ 88; B 85; B- 80; C+ 78; C 75; C- 70

The **plus/minus grading system** will be used in this course and such grades will appear on your transcript. In accordance with University policy, they will **not** affect your grade point average (GPA).

Catalog Description:

Strategies for the design and development of systems and programs in the UNIX environment. UNIX operating system fundamental concepts including file and terminal I/O, processes, interprocess communication, and signals. Pattern searching, filter and pipes. Shell programming, including control flow and interrupt handling. Program and system development tools: awk, C, make, sed, yacc, and others.

Course Goals:

- To provide a background on the history, structure, and makeup of the UNIX environment.
- To provide experience in operating system shells, programming, and tools.
- To introduce networking under UNIX.

Homework:

There will be 5 programming assignments in this class comprising 20% of the overall grade. Each assignment will be designed to reinforce concepts presented in class. Students are expected to do their own work on each homework assignment.

Student Responsibility:

You are responsible for all material covered in class. If you are going to miss a class, inform the instructor at least one week in advance, and try to arrange for a classmate to take notes for you.

It is important for your instructor to be able to evaluate your work fairly and accurately in this course. It is therefore expected that, for both exams and programming assignments, you will do your own work, and submit your own work. See the UAH Student Handbook, for policies relating to student's rights, responsibilities, and academic behavior. You are encouraged to ask your instructor if you have questions or concerns about any of these policies or procedures.

Late / Missed Assignments:

Students are encouraged to submit all assignments on the scheduled day at the beginning of class, and to be present for all examinations. Late homework assignments will be assessed a 10% penalty per calendar day (including weekends), and not accepted after 4 days late. Missed examinations may not be taken after the scheduled date unless arrangements are made with instructor at least one week prior to the exam.

Attendance:

Class attendance is completely optional, however, class assignments and schedule changes will only be announced during class meetings. Furthermore, there may be material covered in class that does not come from the textbook. I strongly encourage you to attend class regularly, and make arrangements to get notes from a friend if you must miss class.