

Fall 2006: CS 333 - UNIX Operating System Fundamentals

Course Syllabus

Course Instructor	Enis Afgan (afgane@uab.edu) Office: CH131 Office Hours: Wednesday 2:00 – 4:00 PM (in CH 154) Thursday 10:00 AM - 12:00 PM (Other times by appointment only).
Course Session	Friday 12:00 PM - 12:50 PM Room CH 396
Course Homepage	http://www.cis.uab.edu/cs333/fall2006/
Prerequisite	CS 330 with a grade of C or better
Description	UNIX OS fundamentals, utilities, scripting, files and directories, access control/permissions, process and user management.
Objectives	<ol style="list-style-type: none">1. Introduce UNIX OS principles.2. Provide hands-on experience using UNIX through assignments.
Grading Policy	Homework 50% Mid Term Exam 20% Final Exam 30%
Late Submission	All assignments are due at the beginning of class on the due date. Any assignment turned in after this deadline is considered late. Any assignment turned in after this deadline is considered late. Late assignments will lose 10% for every 24-hour period, up to a maximum of 50% (weekends and holidays count as one 24-hour period).
Class Conduct	<ol style="list-style-type: none">1. Students are expected to conduct themselves in a professional manner.2. Please turn your cell phones/pagers OFF during the class.
Class Attendance	<ol style="list-style-type: none">1. Attendance is mandatory for this course. If you know you will be absent for a legitimate reason, let the instructor know. If you are sick bring a doctor's excuse or a written university excuse to resolve the absences.2. Students auditing this course are expected to attend the lectures. Auditing students with more than three unexcused absences will receive a failing grade.3. There will be NO make-up exams. A student anticipating an excused absence from an exam should make arrangements in advance to sit for the exam at another time.
Academic Honesty	Students who plagiarize a computer program (or parts of a program), get others to write a program (or parts of a program), or are found cheating on a quiz/exam, will be reported for academic dishonesty. Anyone who is caught cheating will receive a 0 on a given test or assignment. If a second offense occurs, the student will receive an F in the class. This includes both the provider of the information as well as the receiver of the information. Any student who violates the university's academic

honesty policy will be reported for academic discipline. All university and department policies related to students are included here by implication.

Add/Drop Policy

1. A student can add the course through August 30, 2006.
2. A student can drop the course without paying full tuition by August 29, 2006.
3. A student can withdraw with a "W" by October 23, 2006.
4. For more details about add/drop policies check with Registration/Academic Records.

E-mail

Every student will be required to use his/her official email address that is *blazerid@uab.edu*. New students must login and configure their email addresses (For more details on obtaining a *blazerid* and configuring email please see: <http://www.uab.edu/blazerid>). All email communications will be made using this address. Additional instructions or announcements will be sent by e-mail, so check your mail often. Also check the course web page for up-to-date information and announcements. The instructor will check email frequently, so e-mail is often the best way to contact the instructor.

Tentative Schedule:

Week	Date	Topics	Comments
1.	August 25	Introduction and Overview	
2.	September 1	Touring the Features of UNIX/Linux and Editing with the Visual Editor	Assign Homework-1
3.	September 8	Using Basic UNIX Utilities	
4.	September 15	Using Multiple Utilities in Scripts	Homework-1 Due
5.	September 22	Accessing and Changing Previous Commands	Assign Homework-2
6.	September 29	Setting File and Directory Permissions	
7.	October 6	Mid Term Exam	Homework-2 Due
8.	October 13	Specifying Instructions to the Shell	
9.	October 20	Controlling User Processes	Assign Homework-3
10.	October 27	Shell Programming	
11.	November 3	Shell Programming	Homework-3 Due
12.	November 10	grep	
13.	November 17	sed	Assign Homework-4
14.	November 24	No Class – Thanksgiving Holidays	
15.	December 1	awk	Homework-4 Due
16.	December 8	Final Exam (12:00 PM–2:00 PM) in CH 396	CHANGED DATE!!!