

CIS 18A - Introduction to Linux / Unix

Instructor Clare Nguyen
Office Hours MW: 9:00 – 9:20am and TTh: 8:30am – 9:20am, Bldg. F51 O (near parking lot C)
MW: 10:45 – 11:15am, AT 203 Lab
Phone (408) 864-8461
Email nguyenclare@fhda.edu

Recommended Textbook *A Practical Guide to Linux Commands, Editors, and Shell Programming*
by Sobell, ISBN: 978-0-13-136736-4

Class Website <https://catalyst.deanza.edu>
and on voyager: `/home/distribution/cnguyen/cis18a`

Course Objective Upon completion of the course, students will have learned:

- Basic Unix commands and utilities
- Basic quoting rules and filename wildcards
- Basic text file manipulation utilities such as vi
- Directory structure, file maintenance and information utilities
- Distinguish between different shells in Unix
- Electronic mail and other communication utilities
- Basic regular expressions

Attendance This is a hybrid course that meets on campus Mondays for lecture, and Wednesdays for quiz and lab time. The rest of the class time is online, where you are expected to read the class notes *before* attending the lecture to prepare for the class exercises during lecture.

Regular and punctual attendance is expected. If you miss a class, you are still responsible for all announcements and/or assignments given out during the class. In class, you are expected to pay attention, participate, not conduct personal conversations, and use the computer for class work only. Disruptive behavior is not tolerated, and any student with excessive disruptive behavior will be asked to leave and administrative follow-up may result. On the other hand, class participation and regular attendance can positively affect your grade.

Once enrolled, if you wish to drop the class, it is *your responsibility to drop the class before the last day to drop*. Otherwise, an appropriate grade will be assigned at the end of the quarter.

Scholarly conduct Discussion and exchange of ideas on lab assignments are strongly encouraged. However, you should *do your own assignment* and make sure that you *understand the work that you turn in*. The questions on the exams will be similar to the homework questions, so the only way to earn a good grade on the exam is by putting in the time and effort to truly understand your assignments. The consequence of not doing your own homework will show up clearly in the exams.

Copying or cheating during an exam will result in a zero being assigned to the test grade for all parties involved.

- Lab assignments** There are 5 lab assignments, each with 2 sections. One section is covered per week.
- The first assignment is 15 points, the rest are 20 points each
 - Partial credit will be given for incomplete lab assignments
 - You must submit the assignment *by 11:55pm* on its due date to Catalyst
 - If you cannot turn in the lab assignment on time, late lab assignments can still be submitted on Catalyst, but Catalyst will mark it as late. Late assignments will receive a 20% *per weekday* penalty. This means that if the assignment is due Sunday at 11:55pm, then Sunday at 11:56pm to Monday at 11:55pm is considered one day late.

- Quizzes** There will be online, timed, *weekly* quizzes
- The quizzes are 10 points each, the lowest score will be dropped
 - It is recommended that you use the class time on Wednesday to work on the quiz, so you can ask for clarifications of the quiz questions if needed.
 - You must take the quiz before it is closed for the week, on Sunday at 11:55pm
 - The quiz solution can be accessed right after the quiz closes, so there is *no make up* for the quizzes. It is highly recommended that you set your calendar or phone to send you a reminder for the weekly quizzes.

- Exams** There will be 1 midterm and 1 final.
- All exams are open book, open notes, no electronic devices.
 - Make up for the midterm will be allowed only with proof of emergency reasons or prior approval. Prior approval must be obtained at least the week before the scheduled exam, and the make up exam will be given *before* the scheduled exam. The final exam must be taken during the scheduled time, there is no early or late exam taking.

Grading Grading is based on the percentage of the total points obtained:

Lab assignments: 95 points (15 + 20 + 20 + 20 + 20)
Quizzes 80 points (quizzes 2-10, lowest score dropped)
Midterm: 150 points
Final: 200 points
Total: 525 points

A+: 97-100%	B+: 87-89%	C+: 77-79%	D+: 67-69%	
A : 93-96%	B : 83-86%	C : 70-76%	D : 63-66%	F : 0-59%
A- : 90-92%	B- : 80-82%		D- : 60-62%	