

CSCI 351, Systems Administration – Spring 2023

Instructor: Scott Dowdle, sdowdle@montana.edu, x3931

Office: BH 262, Office Hours - varies but M-F 9AM-5PM, Call ahead or email

Timing and Location

CSCI 351 is scheduled TR 12:15-1:30. The class is scheduled in Romney 315 but will also be online.

Texts

There are three texts for this class. The first one is completely optional . The later are freely distributed and available in various formats. I link to the PDF versions in the General Resources section.

- UNIX and Linux System Administration Handbook, Fifth Edition, ISBN-13: 978-0134277554
OPTIONAL
- RHEL 7.x / 8.x / 9.x Guides (will be posted to General Resources or weekly content in Brightspace)
- The Linux Command Line v19.01A by William E. Shotts, Jr. (See General Resources)

Course Outcomes

- Understand the foundational responsibilities of system administrators
- Have the ability to perform basic system administration activities on at least one operating system
- Understand the relationship between various operating system functions and their implementation
- Be familiar with system security issues and be able to apply basic system security on at least one operating system
- Be familiar with application installation, configuration and management for at least one operating system

Homework

Homework will be assigned periodically during the semester. Homework must be done individually because it is a significant component of the class grade. All homework assignments will be due at 1700 on the assigned date (not really). The lowest homework grade will be dropped.

Quizzes

There will be several pre-announced quizzes throughout the semester. The lowest quiz grade will be dropped.

Exams

- Midterm: Thursday, March 9th, during class time
- Final: Thursday, May 4th, during class time

Grading

The grading will be based as follows: Quizzes: 25%, Homework: 25%, Midterm Exam: 25%, Final Exam: 25%

Grading Scale

93+: A, 90+: A-, 87+: B+, 83+: B, 80+: B-, 77+: C+, 73+: C, 70+: C-, 67+: D+, 63: D, 60: D-