SUMMER 2020
Computer Science
Extended Campus / Distance Education

CS 406 – 952 / CS 591 – 951
ONLINE COURSE
Instructor - Dr. Norman Carver

<u>Basic Linux System Admin</u>

This course will be an introduction to the administration of Linux systems, with emphasis on security for networked systems. Topics to be covered include: installation and configuration of Linux distributions, typical maintenance activities, and security measures for networked systems. Students will have access to lab machines for hands on practice installing and configuring Linux systems.

The course is an excellent introduction to the topics that are covered by basic Linux certification exams, such as CompTIA's Linux+ certification.

Graduate students may register for this course as CS 406 or CS 591. Those registering as CS 591 will be required to do an additional term project. This option is *not recommended* for students with absolutely no previous Linux background, as it may be difficult for such students to acquire the necessary Linux skills in time to complete a quality project, and grading for projects will *not* be curved based on previous Linux experience. If you have questions about which course to register under, talk with the instructor.

Prerequisite: CS 306 with a grade of C or better, or graduate level study.

Textbook: <u>Unix and Linux System Administration Handbook</u>, by Evi Nemeth, Trent R. Hein, Garth Snyder, Ben Whaley - Prentice Hall (2010). Paperback,1279 pages. ISBN 978-0131480056.