

CEN2514 Advanced Network Administration Course Syllabus

Class Schedule: Spring A class dates are March 17, 2008 through April 25, 2008.

Tuesday, 9:00am -11:45am K10 Lab Only

Thursday, 9:00am-11:45am K10 Class

Midterm Exam: April 10, 2008, 9:00am-11:00am

Final Exam: April 29, 2008, 10:30am-12:30pm, K10

Withdrawal Dates:

March 19, 2008 – last date to withdraw with no record and receive a refund.

April 16, 2008 – Last day to withdraw and receive a “W”.

Instructor:

Cheryl Krauth

Northwest Campus / K-202, 3000 NW 83rd St., Gainesville, FL 32606

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[Windows Live Messenger ID: cheryl.krauth@sfcc.edu](http://messenger.msn.com/CherylKrauth)

Office Hours:

Day	Time	Location
Monday	9:00am – 12:00pm	K202
Tuesday	9:00am – 12:00pm	K10
Wednesday	9:00am-11:00am	K202
Thursday	11:45pm - 12:15pm	K202
Friday	11:00am-12:30pm	Online

Communication with Instructor:

During on-line office hours I may be contacted via my cell phone at 262-2442. During K202 office hours I may be contacted via the office phone or you can stop by my office. The primary method of contact should always be either via phone or in person during office hours. If you want to leave a voice message, I recommend using the cell phone number as I will receive those messages much more frequently than my office phone. I will also check e-mail and class discussion boards and reply as appropriate. E-mail, class discussion, and office voice mail left outside of office hours will be respond to within one business day. Additional office hours may be scheduled as needed. by appointment.

Course Description:

During this course you will learn how to perform advanced administration tasks on SUSE Linux Enterprise Server 9: installation and manual configuration, performance tuning, backup and recovery services, and much more.

Course Outline:

- 1: Install SUSE LINUX Enterprise Server 9 (SLES 9)
- 2: Configure the Network Manually
- 3: Configure Network Services
- 4: Secure a SLES 9 Server
- 5: Manage Backup and Recovery
- 6: Develop Shell Scripts
- 7: Compile Software from Source
- 8: Monitor a SLES 9 Installation

9: Manage Hardware and Component Changes

Required prerequisites: CEN2513 Network Administration.



Required Textbook: Advanced SUSE Linux Enterprise Server Administration, Jason Eckert, Novell ISBN 13: 978-1-4188-3732-7 © 2007

Technology Requirements:

Computer with dedicated broadband internet access.

Minimum Requirements: Pentium III 1.5Ghz Processor, 10+ GB free hard drive space, 1GB RAM, DVD-R, Super VGA video with 2 MB of video RAM, 24 bit (true color), 800 x 600 resolution, sound card, mouse. Windows XP operating system.

Strongly Recommended: 10+ GB external USB drive (or laptop computer), 2MB RAM

Grading:

- 40% of the grade is based on the midterm and final exams. Both exams are cumulative and given in a varied format.
- 20% of the grade is based on quizzes. Quizzes will be given every Thursday during the first 10 minutes of the class period. They may vary from five to ten questions that may be in any format.
- 40% of the grade is based on keeping a project notebook. Please obtain a loose leaf notebook and notebook paper to use as a lab notebook. You will need to keep notes on the results of problem-solving Exercises within the chapter and the Discovery Exercises at the end of each chapter in the text. You will need to take pages out of this notebook to submit for grading, and then return the pages to the notebook after they are returned from grading.

Assignments will be due on a weekly basis. There will be no late work accepted. If you complete all assignments, at the end of the term your lowest grade will be dropped. If you miss an assignment the grade dropped will be the missed assignment. In addition, there will be one extra credit assignment due at the end of the term which can be used to make up for missed points, or missed assignments.

Departmental Course Policies: This course adheres to the NST departmental policies which can be found online at: www.nst.sfcc.edu/about/forms/nst_department_policies.pdf

College Academic Integrity Statement: The very nature of higher education requires that students adhere to accepted standards of academic integrity. Therefore SFCC has adopted a [Code of Student Conduct](#) that outlines general guidelines. Students are encouraged to discuss issues related to academic integrity with instructors.

Americans with Disabilities Act (ADA) Student Rights: If you are a student with a disability: In compliance with Santa Fe Community College policy and equal access laws, I am available to discuss appropriate academic accommodations that you may require as a student with a disability. Requests for academic accommodations need to be made during the first week of the semester (except for unusual circumstances) so arrangements can be made. You must be registered with Disabilities Resource Center (DRC) in S-229 for disability verification and determination of reasonable academic accommodations.

Discrimination/Harassment Policy Statement: Santa Fe Community College prohibits any form of discrimination or sexual harassment among students, faculty and staff. For further information, refer to the SFCC Human Resources Policies website.