IST 163
INTRO TO SERVER NETWORKING CONFIGURATION ADMINISTRATION

Course Description
The Windows Server 2008 Active Directory product covers managing an Active Directory network for small to large businesses. You will learn how to configure DNS for Active Directory, manage Group Policy and policy settings, optimize Active Directory replication, and manage certificate services. This course is a study of installing and configuring a local area network (LAN). Tasks will include system design, installation and configuration, system policies, partitions, files, volume, and support of applications running under the server software. Additionally, remote access service (RAS), Internet service, and compatibility issues will be introduced. Co-requisite or Prerequisite: RDG-100 or instructor approval3 Cr (3 lect/pres, 0 lab, 0 other)

Course Focus
Course lab is set up for maximum hands-on operations to increase a student's ability to perform. Students must concentrate on labs by completing all reading assignments.

Text and References
70-640 Managing and Maintaining an Active Directory network. Testout.com

Course Goals
The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives. (*designates a CRUCIAL goal)

1. Use volume shadow copies
2. Manage local and domain user accounts
3. Install Windows 2003 server
4. Know domain user accounts
5. Know local user accounts
6. Comprehend licensing modes
7. Use security analyzer
8. Configure task manager
9. Configure active directory database
10. Understand differential backup jobs
11. Use NTFS file permissions
12. Understand full backup jobs
13. Add disk storage
14. Know backup software products
15. Know network backup software products
16. Generate counter alerts
17. Generate counter logs
18. Display performance date
19. Use performance console
20. Form task manager
21. Employ event viewer
22. Arrange Remote Desktop server
23. Make MMC console
24. Create a domain controller
25. Understand incremental backup jobs
26. Manage system files
27. Understand Windows printing technologies
28. Understand roaming profiles
29. Understand mandatory profiles
30. Understand local profiles
31. Work with share permissions
32. Understand disk storage technologies
33. Troubleshoot printer failures
34. Troubleshoot device driver problems
35. Troubleshoot computer objects
36. Create local and domain user accounts
37. Perform maintenance with Check Disk
38. Connect a printer client
39. Manage logical printer
40. Manage sharing file
41. Manage disks with Disk Quotas
42. Manage device drivers
43. Manage computer objects
44. Make domain groups
45. Install logical printer
46. Install device drivers
47. Identify local groups
48. Create computer objects
49. Construct file system
50. Perform maintenance with Disk Defragmenter

Student Contributions
Each student will spend at least 6 hours per week preparing for class. Attendance is critical in this class. Missing one class is equivalent to one week of instruction.

Course Evaluation
Grading:  
90 - 100  A  
80 - 89   B  
70 - 79   C  
60 - 69   D  
0 - 59    F

Course Schedule
The class meets for 3 lecture/presentation hours per week on Tuesday evening from 5:30 PM to 8:00 PM.

Approved by:  Kenneth Flick  
Developed/Revised:  8/2012
Ken Flick, Division Dean for Business/Industrial Division
ADA STATEMENT
The Technical College of the Lowcountry provides access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation, contact the counselor for students with disabilities at (843) 525-8228 during the first ten business days of the academic term.

ACADEMIC MISCONDUCT
There is no tolerance at TCL for academic dishonesty and misconduct. The College expects all students to conduct themselves with dignity and to maintain high standards of responsible citizenship.

It is the student’s responsibility to address any questions regarding what might constitute academic misconduct to the course instructor for further clarification.

The College adheres to the Student Code for the South Carolina Technical College System. Copies of the Student Code and Grievance Procedure are provided in the TCL Student Handbook, the Division Office, and the Learning Resources Center.

ATTENDANCE
The College’s statement of policy indicates that students must attend ninety percent of total class hours or they will be in violation of the attendance policy.

- Students not physically attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.
- Students taking an online/internet class must sign in and communicate with the instructor within the first ten calendar days from the start of the semester to indicate attendance in the class. Students not attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.
- Reinstatement requires the signature of the division dean.

In the event it becomes necessary for a student to withdraw from the course OR if a student stops attending class, it is the student’s responsibility to initiate and complete the necessary paperwork. Withdrawing from class may have consequences associated with financial aid and time to completion.

When a student exceeds the allowed absences; the student is in violation of the attendance policy. The instructor MUST withdrawal the student with a grade of “W”, “WP”, or “WF” depending on the date the student exceeded the allowed absences and the student’s progress up to the last date of attendance or under extenuating circumstances and at the discretion of the faculty member teaching the class, allow the student to continue in the class and make-up the work. This exception must be documented at the time the allowed absences are exceeded.

Absences are counted from the first day of class. There are no "excused" absences. All absences are counted, regardless of the reason for the absence.

- A student must take the final exam or be excused from the final exam in order to earn a non-withdrawal grade.

A copy of TCL’s STATEMENT OF POLICY NUMBER: 3-1-307 CLASS ATTENDANCE (WITHDRAWAL) is on file in the Division Office and in the Learning Resources Center.

HAZARDOUS WEATHER
In case weather conditions are so severe that operation of the College may clearly pose a hardship on students and staff traveling to the College, notification of closing will be made through the following radio and television stations: WYKZ 98.7, WGCO 98.3, WGZO 103.1, WFXH 106.1, WWVV 106.9, WLOW 107.9, WGZR 104.9, WFXH 1130 AM, WLVH 101.1, WSOK 1230 AM, WAEV 97.3, WTOC TV, WTGS TV, WJWI TV, and WSAV TV. Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. www.tcl.edu/textalert.as
Emergency Text Message Alert

Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. Participants receive immediate notification of emergency events and weather cancelations via text messaging on their cell phones. Participants can also opt in to receive non-emergency news and announcements. Go to [www.tcl.edu](http://www.tcl.edu). On the homepage, click on “emergency TextAlert at TCL” and fill out the form or go to [www.tcl.edu/textalert.asp](http://www.tcl.edu/textalert.asp)