M&IS 34045 Small Systems Technology

Summer 2006

GENERAL INFORMATION

Instructor: Kholekile Gwebu
Course Title: M&IS-34045-001 Small Systems Technology
Semester: Summer I 2006 (**06-12-2006 07-15-2006)**
Meeting Room: BSA 213
Meeting Times: MTWR 2:15PM-4:10PM
Office: MI&S Dept. A402
E-mail: kgwebu@kent.edu
Office Hours: Thursday 10:00am-12:00pm (or by appointment)
Course Website: http://vista.kent.edu

COURSE PREREQUISITES

- M&IS 24060
- M&IS 24070

You should also have the following knowledge and skills prior to starting the course. In some cases it may be possible to acquire this knowledge and these skills through additional study during the course:

- Knowledge of the fundamentals of networking technology
- Ability to navigate the Windows operating system interface (preferably the Windows 95, Windows 98, Windows NT, Windows 2000, Windows XP or Windows 2003 interface)
- Previous training or knowledge of Windows 95, Windows 98, or Windows NT, Windows 2000, Windows XP. (preferably Windows 2000)

TEXTBOOK

Hands-On Microsoft Windows Server 2003

Michael Palmer
ISBN: 0-619-18608-9 © 2004
Publish date: July 14, 2003
428 pages

The Student CD that accompanies the textbook a 180-day evaluation copy of the appropriate Windows 2003 operating system.

IMPORTANT WEBSITES

+ http://vista.kent.edu

+ www.microsoft.com/**windows**server**2003**/default.mspx

OVERVIEW OF THE COURSE

The goal of this course is to 1) provide students with an examination of the role of small computer systems within an organization's information systems environment; and 2) prepare students for the real-world challenges of a Microsoft networking professional. It is designed for students interested in the new Windows Server 2003 networking technology, but not immediately interested covering the MCSE/MCSA Exam objectives. This course will introduce you to Microsoft Windows 2003 Server through lectures, demonstrations, discussions, and hands-on labs. You will perform an attended installation of Windows 2003 Server, and you will learn about the various file systems supported by Windows 2003. You will learn how to install and administer Active Directory services and how to manage Active Directory objects. You will use Microsoft Management Console to monitor system performance, to administer Internet Information Services, and to administer user accounts, group accounts, and group policies. You will learn how to administer print services. You will learn how to install and administer network protocols and services such as DHCP, TCP/IP, and DNS..

PRESENTATIONS, QUIZZES, EXAMS AND PROJECTS

Academic Dishonesty .It is expected that all work you submit for a grade will be your own. If this is not the case, a failing grade will be assigned for this course and the instructor reserves the right to pursue additional sanctions as provided by University rules and regulations. If you are not familiar with these rules and regulations, you can find them in the current University Phone Directory.

In particular, each of you must submit your own work. Should two or more of you submit identical or substantially identical assignments/quizzes/exams/projects, then I can only assume that one (or more) of you copied from the other(s). In such a circumstance, every student involved will receive a failing grade for the course. Additional sanctions may be pursued in accord with University rules and regulations.

- **Dates and Timings**: Quiz, Exam and Research Assignment dates are posted at your course website, and also given below in this syllabus. Please ensure that your tests have been graded correctly, and notify the instructor immediately of any concerns.

- **Discussion/Presentation:** Each student will be assigned one topic to lead as professional 15-20 minute discussion/presentation. This discussion/presentation is worth 10 points. The rest of the class is also expected to conduct extensive research on each topic. Time may be provided by the instructor for such research to be done. During research time, the instructor will provide a brief overview of the topic under consideration, and guidance on how students can go about locating resources to address the problem(s) posed. During discussions/presentations each class member will be expected to ask intelligent questions, or provide meaningful insights. Such participation will earn students a maximum of 5 points. Therefore, if one does an excellent job on their own presentation, and asks intelligent questions or provides meaningful insights during other students' presentations (s)he will earn a maximum on 15 points towards the discussion/presentation portion of their grade.

- **Quizzes**: There are 4 quizzes for this class. Each quiz will be worth 20 points Quizzes will mainly consist of multiple choice questions or true or false questions. All quizzes will be taken in class. All quizzes are closed-book. The amount of time allotted for each quiz may vary, but will typically be around 20-30 minutes. You will have only one attempt to take each quiz.

- **Examination**: There will be one final examination. The examination is worth 25 points. The Final exam will take approximately 150 minutes. It will consist of two parts. Part 1 is a set of multiple choice questions and true or false questions and closed book and closed notes. Part 2 consists of essay questions and open book, open notes are permitted.

- **Lab Projects**: There will be 4 lab projects. Each lab project is worth 20 points. At the beginning of each lab session, each student will be given the project instructions. You will have a full class session to complete the lab. All lab assignments should be submitted to my office by 12 midnight on the Saturday following the lab assignment date. Any student who is absent from the lab sessions will automatically receive zero points (unless any pre-arrangement is made with the instructor).

GRADING SCALE

The maximum number of points for this course is 100 (15 for the Discussion/Presentation, 80 for Quizzes, 80 for the Lab Projects, and 25 for the Final Exam).

A: [200-180] points
B: [179-160] points
C: [159-140] points
D: [139-120] points
F: [119-0] points.

With respect to make-up, the general policy is no make-up of missed work (including quizzes, projects, discussion/presentation and exams) is allowed, and no late work will be accepted. The only exceptions are for some legitimate excuses such as illness, death in the family, etc., in this case the instructor should be notified as soon as possible and legitimate proof is required.

Once grades for a homework or quiz are posted on the course website, you have two days to let me know by e-mail, if you feel a mistake has been made in your grade. If you fail to contact me about your grade within this three day period, then the grade for the homework or quiz, even if incorrect, will be final.

READINGS

This course is designed to help you develop skills that will serve you in an ever changing professional environment. In particular, your text and any other supplementary materials you may acquire are resources to help you master important concepts. You should take the extra time to familiarize yourself with them.

COURSE WITHDRAWAL:

Summer I 2006 course withdrawal deadline is Monday, July 3, 2006

Course withdrawal before the deadline results in a "W" on the official transcript; after the deadline a grade must be calculated and reported.

Please consult with an academic advisor in the Undergraduate Programs Office (Room 107, BSA – 330-672-2872) if you are having academic difficulty.

CLASS ATTENDANCE

Class attendance is not required, however, it is expected and, you are responsible for all material covered in class in addition to that assigned outside of class. Occasionally, there

may be random in-class exercises assigned during class time. If you miss a class you will not be able to "make-up" these exercises. The only exception to this rule is in very rare situations where you will have to notify me in writing (along with any supporting evidence e.g. a doctor's note) at as to why you were not able to attend class. Thereafter, I will make a decision as to whether the reason given for missing the class is warranted to allow you to "make-up" the missed exercises.

A note on class decorum:

I interpret your coming to class as an expression of your interest in learning as much as you possibly can. Certainly, you should assume that this is your classmates' intention in being here. In fairness to your classmates (and me), I expect you to refrain from talking to others, reading newspapers, sleeping, playing radios or CDs, making telephone calls and other similar, disruptive activities. Don't be surprised if I ask you or someone else to leave because of conduct detrimental to the class. If you simply must study for a test later that day, stay home, go to the Library, find a bench outdoors. Don't do it in class.

Excuses

Late homework will not be accepted unless excused by university policy.
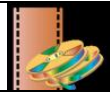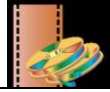No make-up projects, labs, quizzes, or exams will be given unless excused by university policy.
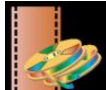
STUDENTS WITH DISABILITIES

University policy 3342-3-18 requires that students with disabilities be provided reasonable accommodations to ensure their equal access equal access course content. If you have documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through the Student Disability Services (contact 330-672-3391 or visit www.kent.edu/sds for more information on registration procedures).

ENROLLMENT/OFFICIAL REGISTRATION

Students attending the course who do not have the proper prerequisite risk being deregistered from the class. Students have responsibility to ensure they are properly enrolled in classes. Should you find an error in your class schedule, you need to correct the error with your advising office no later than Tuesday, May 23, 2006 for Intersession 2006 – Thursday, June 15 for Summer I – Sunday, June 18 for Summer II - and Thursday, July 20 for Summer III. If registration errors are not corrected by these dates and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you will not receive a grade at the conclusion of the semester for any class in which you are not properly registered.

TENTATIVE COURSE SCHEDULE

Week	Topics	Reading Assignment	Discussion/ Presentation
June 12	• Syllabus (Please read through the syllabus carefully) • Introduction to Windows Server 2003	Chapter 1 Chapter 2	
June 13	• Installation of Windows • Configuring the Windows Server 2003	Chapter 3 Chapter 4	
June 14	• LAB 1 •	Chapter 4	
June 15	• Quiz 1 (Covers in class discussion, Chapter 1-3 in the text) • Research Assignment 1 (1. Server technology- what's out in the market. 2.Windows Server Family, Past, Present & Future)	Chapter 4	
June 19	• Configuring the Windows Server 2003 • Introduction to Active Directory and Account Management	Chapter 5	• Discussion of Research assignment 1 (led by CHARLES BAKER, BRIAN DUNN)
June 20	• Active Directory and Account Management	Chapter 5	
June 21	• LAB 2 •	Chapter 6	
June 22	• Quiz 2 (Covers in class discussion, Chapter 4 in the text) • Research Assignment 2	Chapter 6	
June 26	• Configuring, Managing, and Troubleshooting Resource Access	Chapter 7	• Discussion of Research assignment 2 (Led by MICHAEL GRUNDY, JAMILA JAWADI)
June 27	• Configuring and Managing Data Storage	Chapter 7	
June 28	• LAB 3	Chapter 8	

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June 29	• Quiz 3 (Covers in class discussion, Chapter 5-7 in the text) • Research Assignment 3	Chapter 8	
July 3	• Managing Windows Server 2003 Network Services	Chapter 9	• Discussion of Research assignment 3 (led by BRIAN LANGEMO, PETER PARKINS)
July 5	• Lab 4 •	Chapter 9	
July 6	• Quiz 3 (Covers in class discussion, Chapter 1-3 in the text) Research Assignment 4		
July 10	• Configuring Remote Access Services	Chapter 10	• Discussion of Research assignment 4 (led by Kholekile Gwebu)
July 11	• Securing Windows Server 2003		
July 12	• Securing Windows Server 2003	Chapter 10	
July 13	• Final Exam		

Note: The instructor reserves the right to amend the syllabus at any time during the course of the semester.